

DEPUTY CHANCELLOR'S DOCKET NO. 11

THE UNIVERSITY OF TEXAS SYSTEM
Office of the Deputy Chancellor

March 25, 1977

TO THE HONORABLE BOARD OF REGENTS
OF THE UNIVERSITY OF TEXAS SYSTEM

Mrs. Blumberg and Gentlemen:

The dockets recommended by the Chief Administrative Officers concerned and prepared by the component institutions listed below are herewith submitted with my recommendation for ratification or approval, as appropriate, at the meeting of the Board of Regents on April 15, 1977. The budget changes included in these dockets have been approved by me and are herewith submitted as a report to the Board of Regents.

The University of Texas at Arlington
(Pages AR-1 through AR-67)

The University of Texas at Austin
(Pages A-1 through A-160)

The University of Texas at Dallas
(Pages D-1 through D-13 and D-41 through D-196)

The University of Texas at El Paso
(Pages EP-1 through EP-32)

The University of Texas of the Permian Basin
(Pages PB-1 through PB-18)

The University of Texas at San Antonio
(Pages SA-1 through SA-52)

The University of Texas Health Science Center at Dallas
(Pages HD-1 through HD-23)

The University of Texas Medical Branch at Galveston
(Pages G-1 through G-32)

The University of Texas Health Science Center at Houston
(Pages HH-1 through HH-22)

The University of Texas Health Science Center at San Antonio
(Pages HS-1 through HS-112)

The University of Texas System Cancer Center
(Pages CC-1 through CC-32)

On the following pages, C-2 through C-5, are U. T. System Administration, including the Hogg Foundation for Mental Health, and Institutional items which I also recommend for the Boards ratification or approval, as appropriate, including my report of budget changes.

Sincerely,



E. D. Walker
Deputy Chancellor

EDW:sar

GIFTS

The following gifts have been received. I recommend acceptance by the Board of Regents:

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. Mr. and Mrs. A. W. Walker, Jr. 4300 First National Bank Bldg. Dallas, Texas 75202	Gift to the Chancellor's Council in fulfillment of pledge for membership.	\$ 5,000
2. Mr. Tom Arnold Arnold, White & Durkee Attorneys at Law 2100 Transco Tower Houston, Texas 77056	A fully paid life insurance policy, representing a \$15,000 deferred gift for Chancellor's Council membership.	\$ 15,000
3. Gulf + Western Foundation 1 Gulf + Western Plaza New York, New York 10023	Gift to the Chancellor's Council Unrestricted Account, matching the gift made by Mr. John H. Duncan on January 4, 1977.	\$ 5,000

* No letter of transmittal received from donor.

ADJUSTMENTS TO THE 1976-77 SYSTEM-WIDE PERSONNEL PAY PLAN

Ratification is requested for the following adjustments to the 1976-77 System-wide Personnel Pay Plan, effective January 1, 1977:

ADDITIONS

<u>Code</u>	<u>Title</u>	<u>System-wide Annual Salary Range</u>
1547	Case Aide Supervisor	\$ 9,972 - \$ 13,008
1548	Assistant Case Aide Supervisor	8,724 - 11,388

CHANGES - SALARY RANGE

<u>Code</u>	<u>Title</u>	<u>System-wide Annual Salary Range</u>	
		<u>From</u>	<u>To</u>
1720	Dental Technician IV	\$ 10,308 - 13,908	\$ 10,308 - 14,376
6508	Linen Room Worker	5,640 - 7,632	5,640 - 8,160

ADJUSTMENTS TO THE 1977-78 SYSTEM-WIDE PERSONNEL PAY PLAN

Ratification is requested for the following adjustments to the 1977-78 System-wide Personnel Pay Plan, effective September 1, 1977:

ADDITIONS

<u>Code</u>	<u>Title</u>	<u>System-wide Annual Salary Range</u>
1547	Case Aide Supervisor	\$ 9,972 - \$ 13,008
1548	Assistant Case Aide Supervisor	8,724 - 11,388

ADJUSTMENTS TO THE 1977-78 SYSTEM-WIDE PERSONNEL PAY PLAN (Continued)CHANGES - SALARY RANGE

<u>Code</u>	<u>Title</u>	<u>System-wide Annual Salary Range</u>	
		<u>From</u>	<u>To</u>
6508	Linen Room Worker	\$ 5,832 - 7,896	\$ 5,832 - 8,724

The above recommended adjustments reflect those actions necessary to establish or maintain internal and external equity and/or accurately define and classify jobs. Salary ranges are supported by compensation data for the area concerned. These adjustments have been initiated by the various component institutions, appropriately reviewed, and have received the approval of the System Personnel Director and the Associate Deputy Chancellor for Operations.

THE UNIVERSITY OF TEXAS SYSTEM ADMINISTRATION
REPORT OF AMENDMENTS TO THE 1976-77 SYSTEM ADMINISTRATION BUDGET
BOARD OF REGENTS' MEETING - APRIL 15, 1977
 Source of Funds - Departmental Appropriations
 (Unless Otherwise Specified)

Office of the Secretary, Board of Regents

1. Increase the annual salary rate of Beverly F. Nemes, Assistant Secretary to the Board of Regents, from \$18,000 to \$19,200 effective March 1, 1977. (RBC# D-46)

Office of the Director, U. T. System Police

2. Resign Allen R. Hamilton, Assistant Director - Auxiliary Services at an annual salary rate of \$20,500, effective January 16, 1977. (RBC# D-41)

Auditing Oil and Gas Production

3. Transfer \$1,000 from the Maintenance and Operation account to the Travel account to provide travel funds needed by the Assistant Auditor for trips in connection with his on-the-job training. (RBC# D-51)

Office of General Counsel

4. Appoint Oliver B. McClellan as University Attorney effective February 21, 1977 at an annual salary rate of \$34,000. (RBC# D-43)
5. Appoint Christie Wise as Legal Assistant effective January 13, 1977 at an annual salary rate of \$14,000. (RBC# D-40)
6. Transfer \$6,000 from the Available Fund Unallocated Operating Account to the General Counsel - Maintenance and Operation account to provide funds for lease of an IBM Copier for the remainder of this fiscal year. (RBC# D-44)

Office of Facilities Planning and Construction

7. Appoint Doyle V. Smith as Construction Inspector at an annual salary rate of \$16,700, effective March 1, 1977. (RBC# D-45)
8. Resign Daniel F. Reid, Construction Inspector at an annual salary rate of \$16,800, effective February 28, 1977. (RBC# D-42)
9. Resign Chester E. Hurst, Construction Inspector at an annual salary rate of \$15,100, effective March 31, 1977. (RBC# D-49)

U. T. System Study

10. Transfer \$1,926 from Travel to Maintenance and Operation to provide funds for fringe benefits for the balance of the fiscal year and costs of publication of additional copies of the study. (RBC# D-48)

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THE UNIVERSITY OF TEXAS - HOGG FOUNDATION FOR MENTAL HEALTH
REPORT OF AMENDMENTS TO THE 1976-77 BUDGET
BOARD OF REGENTS' MEETING - APRIL 15, 1977

Allocations were made from the Hogg Foundation for Mental Health, W. C. Hogg Fund - Program Support account to the following U. T. Austin projects:

Department of Psychology

1. Institute of Human Development (\$35,000)

This is a third year grant of \$35,000. Dr. Ira Iscoe will administer these funds and submit an interim report to the Hogg Foundation in August, 1977 on the progress of this program. (RBC# H-3)

2. Cross-Cultural Longitudinal Investigation of Parent-Infant Interaction (\$9,021.27)

This is a new grant. A major grant from the U. S. Office of Child Development through the Texas Department of Public Welfare to Brackenridge Hospital for support of health services to newborn infants has presented an unusual opportunity for a cross-cultural, longitudinal study of family and infant development over the first year of infant life. Professors Langlois and Sawin are proposing to collect data on early parent-infant interaction patterns as possible determinants of later parent-infant interaction and the development of behavioral characteristics in the child. Anglos, Blacks, and Mexican-Americans will be equally represented among the 168 primiparous mothers recruited immediately after birth of the infant. Testing will be conducted repeatedly and family-infant interaction as well as mother-infant interaction will be observed at each measurement period. The Foundation's grant will provide support for two graduate assistants and summer support for one month of each of the two co-investigators. Minor funds are also provided for computer programming, expendable supplies, and computer charges. A Datamyte Model 9000 portable event recorder will be provided by the Institute of Human Development at U. T. Austin. (RBC# H-1)

School of Social Work - Center for Social Work Research

1. Depression and Environmental Factors Research (\$2,922.19)

This is a new grant. Funds under the supervision of Dr. Janice Wood Wetzal are to be used for salaries and FICA. The purpose of this grant is to support a study of social factors associated with depression. The researcher has constructed a plausible model suggesting that depression is, to a great extent, a consequence of the degree to which a person's predisposition toward independence or dependence is congruent with the degree to which his or her social environment is supportive of independence or dependence. Previous research by the investigator confirms the applicability of the model among white women. The proposed research will extend the test to males and minority group members. Positive results would have important implications for counseling depressed persons and for preventive programs. The funds will be matched by support from the Center for Social Work Research. Dr. Charles M. Bonjean is the liaison person for this project #965 - "Depression and Environmental Factor Research". (RBC# H-2)

THE UNIVERSITY OF TEXAS AT ARLINGTON

Arlington, Texas

March 11, 1977

Dr. E. D. Walker
Deputy Chancellor
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Dr. Walker:

The docket for the April 15, 1977, meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



W. H. Nedderman
President

WHN:bb

THE UNIVERSITY OF TEXAS AT ARLINGTON

BOARD MEETING ON APRIL 15, 1977

GIFTS D & F

The following gifts have been received and I recommend acceptance by the Board:

<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
1. *Mr. Jenkins Garrett Suite 1705 Commerce Building Fort Worth, Texas 76102	Support of The University of Texas at Arlington Library	\$10,000

* Letter of transmittal not available

MEMBERSHIP ON THE GRADUATE FACULTY F

I recommend the following faculty members for membership on the Graduate Faculty:

Dr. Jerome L. Rodnitzky, Department of History
 Dr. Howard Garland, Departments of Business Administration
 and Psychology
 Dr. Mary Anne Clark, Department of Biology
 Dr. Robert F. McMahon, Department of Biology
 Dr. Donald H. Whitmore, Department of Biology

USE OF TEXTBOOKS WRITTEN BY FACULTY MEMBERS F

I recommend the following faculty-authored books be approved for use as textbooks:

College of Business Administration

1. * Financial Accounting: Concepts, Uses and Problems, by Dr. H. Jim Snavely, Professor of Accounting, which will sell for \$11.95, of which \$.90 is returned to the author.
2. * Cases in Managerial Finance, by Professor Ross A. Flaherty, Assistant Professor of Business Administration, which will sell for \$5.95, with 4.5% royalty to the author.
3. * Organizational Communication, by Dr. J. C. Wofford, Professor of Business Administration and Dr. Edwin Gerloff, Associate Professor and Chairman of Business Administration, which will sell for \$12.95, with 15% royalty to the authors.
4. * Personnel Planning and Selection Simulation, by Dr. J. C. Wofford, Professor of Business Administration, which will sell for \$5.95, with 15% royalty to the author.

5. *Statistical Analysis for Administrative Decisions, by Dr. Lawrence Schkade, Professor of Business Administration and Urban Affairs, which will sell for \$13.95, with 18.75% royalty to the author.

College of Engineering

1. Laboratory Manual for Structural Concrete Materials, by Dr. R. L. Yuan, Associate Professor, Department of Civil Engineering and Dr. N. J. Everard, Professor, Department of Civil Engineering, which will sell for \$6.00, with no royalty to author.

College of Liberal Arts

1. The Parthenon, by Dr. Vincent J. Bruno, Professor and Chairman of Art Department, which will sell for \$4.95, with 10% royalty to the author.
2. Form and Color in Greek Painting, by Dr. Vincent J. Bruno, Professor and Chairman of Art Department, which will sell for \$15.00, with 12-15% royalty to the author.
3. Radio-Television Notebook, by Dr. Chapin Ross, Associate Professor of Communication, which will sell for \$3.15, with no royalty to the author.
4. Reaching Teenagers: Learning Centers for Secondary Classrooms, by Dr. Don Beach, Assistant Professor of Education, which will sell for \$8.95, with royalty of \$.70 per copy to author.
5. *Me Translate Russian?, by Mr. Charles McDowell, Associate Professor of Foreign Languages, which will sell for \$5.00, with no royalty to the author.
6. A Look at Latin American Lifestyles, by Dr. Marvin K. Mayers, Adjunct Professor of Foreign Languages, which will sell for \$1.98, with no royalty to the author.
7. Functional Voice, by Mr. Gerald S. Tate, Assistant Professor of Music, cost not determined at this time.
8. The Study of Cultural Anthropology, by Dr. F. S. Vidal, Visiting Associate Professor of Sociology, cost not determined at this time, with no royalty to the author.

College of Science

1. *Laboratory Experiments in Instrumental Analysis, by Dr. Andrew T. Armstrong, Associate Professor of Chemistry, which will sell for \$5.00 with no royalty to the author.
2. *Microcrystal Polymer Science, by Dr. O. A. Battista, Adjunct Professor of Chemistry, which will sell for \$18.50, with royalty of \$1.85 to the author.

3. * Living Chemistry, a Laboratory Experience, by Ms. Eunice A. Bonar, Assistant Instructor of Chemistry, which will sell for \$6.25, with royalty of \$1.00 per book to the author.
4. * Experiments in General Chemistry, by the Department of Chemistry, which will sell for \$3.95, with \$.40 per book to a scholarship fund.
5. * Student Guide for Ternay's Contemporary Organic Chemistry, by Dr. Robert F. Francis, Professor of Chemistry, which will sell for \$6.95, with 12% royalty to the author.
6. * Contemporary Organic Chemistry, by Dr. Andrew Ternay, Associate Professor of Chemistry, which will sell for \$21.00, with 15% royalty to the author.
7. * Manual for Geology 1345, authored by faculty members in Department of Geology, which will sell for \$1.50, with no royalty to authors.
8. * Manual for Geology 1346, authored by faculty members in Department of Geology, which will sell for \$1.48, with no royalty to authors.

Institute of Urban Studies

1. * Sourcebook on Probation, Parole, and Pardons, by Dr. Charles L. Newman, Visiting Professor of Criminal Justice Programs Division, which will sell for \$10.00, with 10% royalty to the author.

*Textbooks previously approved.

BUSINESS CONTRACTS

I recommend ratification of the following lease agreement:

1. Agreement between Fox Electric Company, Inc. and The University of Texas at Arlington whereby The University of Texas at Arlington leases the premises located at 1106 Colorado Lane, Arlington, Texas, Tarrant County. The term of this lease is one year beginning February 1, 1977, and ending January 31, 1978. The University of Texas at Arlington shall pay Fox Electric Company, Inc. the sum of \$3,900.00 in monthly installments of \$325.00 each.

RESEARCH AND OTHER ACADEMIC CONTRACTS

The following contracts, grants and amendments have been signed by the appropriate official upon the recommendation of the respective technical directors and fiscal officers.

Expenditures from these contracts and grants will be made in accordance with regular university operating procedures and contractual limitations. I recommend your approval and ratification of signatures.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL)

1. Agreement between The University of Texas at Arlington Graduate School of Social Work and The Diocesan Commission for Mexican American Affairs, Fort Worth, Texas to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.

2. Agreement between The University of Texas at Arlington Graduate School of Social Work and Older Americans Legal Action Center, Dallas, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
3. Agreement between The University of Texas at Arlington Graduate School of Social Work and Catholic Charities Diocese of Fort Worth, Inc., Fort Worth, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
4. Agreement between The University of Texas at Arlington Graduate School of Social Work and the Wesley-Rankin Community Center, Dallas, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
5. Agreement between The University of Texas at Arlington Graduate School of Social Work and the Arlington Girls Club, Inc., Arlington, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
6. Agreement between The University of Texas at Arlington Graduate School of Social Work and the Parenting Guidance Center, Inc., Fort Worth, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
7. Agreement between The University of Texas at Arlington Graduate School of Social Work and Christ's Haven for Children, Keller, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
8. Agreement between The University of Texas at Arlington Graduate School of Social Work and Texas Representative Chris Miller, Fort Worth, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
9. Agreement between The University of Texas at Arlington Graduate School of Social Work and Fort Worth Center for Ex-Offenders, Inc., Fort Worth, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
10. Agreement between The University of Texas at Arlington Graduate School of Social Work and Joyce Ann Tepley and Associates, Dallas, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.

11. Agreement between The University of Texas at Arlington Graduate School of Social Work and Metro-Counseling Associates, Inc., Arlington, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
12. Agreement between The University of Texas at Arlington Graduate School of Social Work and The Episcopal Pastoral Center, Fort Worth, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
13. Agreement between The University of Texas at Arlington Graduate School of Social Work and Casa De Los Amigos, Dallas, Texas, to jointly offer a social work course to one or more social work graduate students with the number of students to be mutually determined annually. This agreement is effective for the 1976-77 academic year.
14. Contract for Technical Services. Agreement whereby the Institute of Urban Studies of The University of Texas at Arlington, will provide technical or professional services to the City of Bryan in connection with an undertaking which is to be financed under the Intergovernmental Personnel Act of 1970, (PL 91-648). The contract is in the amount of \$4,000 and is entered into on December 28, 1976, and shall be completed by May 1, 1977.
15. The Robert A. Welch Foundation New Grant No. Y-684 to Dr. Martin Pomerantz, Department of Chemistry, in support of project "Thermal and Free Radical Reorganization Reactions." This grant is for three years - June 1, 1977 through May 31, 1980, and is in the amount of \$54,000 - \$18,000 to be used the first year; \$18,000, the second year; and \$18,000, the third year.

GRANTS, CONTRACTS AND AGREEMENTS (STATE)

1. Interagency Cooperation Contract No. IAC (76-77)-1931 between The University of Texas at Arlington and The University of Texas Health Science Center at Dallas whereby The University of Texas at Arlington shall provide the services of Ira Harvey Bernstein, Ph. D., Professor of Psychology, for 50% of his time in a research project and to assist in grant preparation. The total amount of this contract shall not exceed \$3,859.00 for the period beginning March 1, 1977 through May 31, 1977.
2. Interagency Cooperation Contract No. IAC (76-77)-1858 between The Texas State Department of Public Welfare and The University of Texas at Arlington whereby the University agrees to furnish general and personal services such as reproduction and assembly services, supplies, meeting rooms, library facilities, audio-video equipment, etc., as may be mutually agreed upon. The total amount of this contract shall not exceed \$40,000 and is to begin January 7, 1977, and shall terminate August 31, 1977.

3. Amendment No. 3 to Interagency Contract No. IAC (76-77)-346 between The University of Texas at Arlington and Texas Employment Commission. This amendment increases the amount of the contract to not exceed \$777.50 (from \$596.50) and the period of the contract to terminate August 31, 1977.
4. Interagency Cooperation Contract No. IAC (76-77)-1871 between The University of Texas at Arlington and Texas Department of Community Affairs whereby The University of Texas at Arlington, Institute of Urban Studies, will develop a Labor Management Relations Training Package in conjunction with the North Texas City Manager's Association. The total amount of this contract shall not exceed \$5,000. This contract is to begin January 17, 1977 and shall terminate August 31, 1977.
5. Innovation and Expansion Grant No. TRC-IE-2-2-76-1 from Texas Rehabilitation Commission to The University of Texas at Arlington in support of project "Educational Support Services Office for Handicapped Students." The project director is Assistant Dean Kristan Kirkpatrick. The amount of the grant is \$37,716; the effective date is January 5, 1977, and is for the duration of 12 months.
6. Addendum to Formula Curriculum Grant 1976-1977 from the State Department of Public Welfare dated January 25, 1977, to the Social Welfare Sequence Contract, Graduate School of Social Work, The University of Texas at Arlington, which provides for a part-time cooperative program between West Texas State University and The University of Texas at Arlington. The amount of the contract is \$25,422 (including \$7,627 in cost sharing to be provided by this University) and is for the period December 1, 1976 through June 30, 1977.
7. Grant from the Coordinating Board, Texas College and University System, Project Number 77-060-014, to The University of Texas at Arlington, Department of Sociology, for support of Project "Texas Statewide Corrections Intern Program." The amount of the award shall not exceed \$2,126 and the award is January 17, 1977 to May 31, 1977.
8. Grant from the Coordinating Board, Texas College and University System, Project Number 77-060-015 to The University of Texas at Arlington, Institute of Urban Studies, for support of project "Texas Statewide Corrections Intern Program." The total amount of the award shall not exceed \$8,763 and the award period is January 17, 1977 to May 31, 1977.

THE UNIVERSITY OF TEXAS AT ARLINGTON

BOARD MEETING ON APRIL 15, 1977

D K F

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)

1. Amendment to Agreement Pursuant to Award Contract between The United States Department of Housing and Urban Development and The University of Texas at Arlington, Contract No. H-2240R, whereby the period of time shall commence with the date of this agreement, January 12, 1977, and shall be extended until June 25, 1980. The full amount of this award will be expended in Tarrant County, Texas.
2. Agreement between The University of Texas at Arlington and the Division of Public Administration, The University of New Mexico, Albuquerque, New Mexico, pursuant to Grant Award #76-ED-06-0015 from the U. S. Department of Justice, Law Enforcement Assistance Administration whereby an additional \$1500 is awarded in support of services. The period of performance is September 7, 1976 to December 31, 1977. The full amount of the award will be expended in Tarrant County, Texas.
3. Grant Agreement No. DAAG29-77-G-0062 whereby the Department of the Army, U. S. Army Research Office, awards \$105,751.00 to The University of Texas at Arlington for support of project No. P-13881-M, "Properties of Differential Equations Through Different Measures." The Principal Investigator is Dr. Vangipuram Lakshmikantham, Department of Mathematics. The beginning date is January 1, 1977, and continues through December 31, 1979. The full amount of this contract will be expended in Tarrant County, Texas.
4. Department of Health, Education and Welfare, Basic Educational Opportunity Grant Program, Official Authorization Letter dated November 22, 1976, Document No. P007702784, whereby The University of Texas at Arlington is awarded an additional \$421,744. This adjustment brings the total authorization to \$917,694 for the period July 1, 1976 through June 30, 1977. This program is under the supervision of Marion Jacob, Director of Financial Aid. The full amount of this award will be expended in Tarrant County, Texas.
5. Department of Health, Education and Welfare, Basic Educational Opportunity Grant Program, Official Authorization Letter dated January 14, 1977, Document No. P007702784, whereby The University of Texas at Arlington is awarded an additional \$96,194. The adjustment brings the total authorization to \$1,013,888 for the period July 1, 1976 through June 30, 1977. This program is under the supervision of Marion Jacob, Director of Financial Aid. The full amount of this award will be expended in Tarrant County, Texas.
6. Modification No. P00001 of Contract No. DACW63-76-C-0140 whereby the U. S. Army Corps of Engineers, Fort Worth District, grants an increase of \$24,134.50, bringing the total of this contract to \$69,815.50, in support of project "Trinity River Bottom Sediment Reconnaissance." The period of this contract has been extended until September 30, 1978. The full amount of this award will be expended in Tarrant County, Texas.

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

GENERAL ADMINISTRATIONOffice of the Vice-President for Business Affairs

1. Remove Jack M. Utterback, Director of Budget and Reports, with annual rate of \$24,000 from the budget as of January 31, 1977. Retired. (RBC #334)

Business Office

2. Remove A. L. von Rosenberg, Business Manager with annual rate of \$29,000, from the budget as of January 3, 1977. Deceased. (RBC #342)
3. Promote William J. Binion from Accountant II with annual rate of \$13,908 to Assistant Director of Accounting with annual rate of \$17,500, effective February 21, 1977. Additional funds are available from Unallocated Salaries. (RBC #502)

Student Financial Aid

4. Transfer Dignora B. Perez to this account and promote from Clerk-Typist with annual rate of \$5,640 to Administrative Assistant I with annual rate of \$9,024, effective January 24, 1977. Funds are available from Unallocated Salaries within the department. (RBC #499)

GENERAL INSTITUTIONAL EXPENSE

5. Transfer of Funds:

From:	Unallocated General Institutional Expense - Maintenance and Operation	\$ 1,000.
To:	Institutional Travel - Special	1,000.
For:	To provide funds to establish a new account to cover travel expenses for individuals representing the University in an official capacity which does not relate specifically to any one department.	

(RBC #331)

Office of Sponsored Projects

6. Correct the title of Quinten S. Mathews from Director of Sponsored Projects to Assistant to the President/Director of Sponsored Projects as of September 1, 1976, with no change in annual rate of \$28,000. (RBC #501)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

COLLEGE OF LIBERAL ARTSOffice of the Dean of Liberal Arts

7. Change the status of Robert Landen (Tenure-History Department), Dean with annual rate of \$40,600 from 67% with stipend of \$9,022 to 100% with stipend of \$13,533 - 4 months; effective February 1, 1977. Additional funds are available from Unallocated Instructional Administration - Unallocated Salaries. (RBC #494)

Department of Foreign Language and Linguistics

8. Grant Leave of Absence without pay to Maria R. Capote (Tenure) Assistant Professor with academic rate of \$12,000 effective January 16, 1977. (RBC #388)

9. Appoint Gerard Scholl (non-tenure) as Instructor with academic rate of \$11,200 at 38.1% with stipend of \$2,136 - 4 1/2 months; effective January 16, 1977. Funds are available from Liberal Arts Unallocated Faculty Salaries. (RBC #406)

10. Appoint Andrew Rogers (non-tenure) as Visiting Assistant Professor with academic rate of \$16,358 at 33% with stipend of \$2,726.33 - 4 1/2 months; effective January 16, 1977. Funds are available from Unallocated Faculty Salaries. (RBC #416)

Department of Political Science

11. Grant Leave of Absence without pay to Suzanne M. Katsikas (Tenure), Assistant Professor with academic rate of \$13,750 effective January 16, 1977. (RBC #359)

12. Increase the academic rate of Charles R. Knerr (non-tenure), Assistant Professor from \$12,000 to \$13,500 effective January 16, 1977. (Completed Requirements for Ph. D.) Additional funds are available from Liberal Arts Unallocated Faculty Salaries. (RBC #360)

13. Re-appoint Dan L. Knight (non-tenure) as Lecturer with academic rate of \$9,600 at 100% with stipend of \$4,800 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department and from Liberal Arts Unallocated Faculty Salaries. (RBC #361)

14. Re-appoint Malcolm S. Nettles (non-tenure) as Lecturer with academic rate of \$9,600 at 100% with stipend of \$4,800 - 4 1/2 months; effective January 16, 1977. Funds are available from Liberal Arts Unallocated Faculty Salaries. (RBC #365)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

Department of History

15. Remove Robert Landen (Tenure), Professor with academic rate of \$30,450 from this account at 33% with stipend of \$4,511 - 4 months; effective February 1, 1977. (RBC #495)

Department of Physical Education

16. Increase the academic rate of Pauline T. Maxwell (Tenure), Assistant Professor, from \$11,400 to \$12,000 effective January 16, 1977. Additional funds are available from Unallocated Faculty Salaries. (RBC #335)

17. Appoint Calvin L. Reimer (non-tenure) as Instructor with academic rate of \$12,155 at 100% with stipend of \$5,750.51 - 4 1/4 months; effective January 24, 1977. Funds are available from Unallocated Faculty Salaries. (RBC #478)

Department of Sociology

18. Transfer of Funds:

From:	Liberal Arts Unallocated Faculty Salaries	\$2,520.
To:	Sociology Graduate Teaching Assistants	2,520.
For:	To provide additional funds to cover the appointment of Graduate Teaching Assistants for the Spring Semester.	

(RBC #472)

Department of Communications

19. Accept the resignation of Laura Allen (non-tenure), Instructor with academic rate of \$6,120 and budgeted at 38.5% with stipend of \$2,358 - 9 months; effective January 15, 1977. (RBC #343)

20. Appoint Anne L. Rose (non-tenure) as Instructor with academic rate of \$11,200 at 21% with stipend of \$1,178 - 4 1/2 months; effective January 16, 1977. Funds are available from Liberal Arts Unallocated Faculty Salaries. (RBC #377)

COLLEGE OF SCIENCEDepartment of Geology

21. Appoint Merlynd K. Nestell (Tenure), Assistant Professor with academic rate of \$17,020 to the Department of Geology at 50% with stipend of \$4,255 - 4 1/2 months; effective January 16, 1977. Funds are available from the Department of Mathematics. (RBC #414)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

22. Remove Bob Perkins (Tenure), Professor with academic rate of \$30,300 from this account at 33% with stipend of \$4,489 as of February 1, 1977. (RBC #497)

Department of Mathematics

23. Promote Evin J. Bronson (non-tenure) from Graduate Teaching Associate with academic rate of \$7,848 to Assistant Instructor with academic rate of \$10,876 at 100% with stipend of \$5,438 - 4 1/2 months; effective January 16, 1977. Funds are available from budgeted position and Graduate Teaching Assistant funds within the department. (RBC #424)

Department of Physics

24. Appoint William E. Case (non-tenure) as Lecturer with academic rate of \$18,000 at 10% with stipend of \$900 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #415)

COLLEGE OF BUSINESSDepartment of Accounting

25. Appoint Bruce Brockman (non-tenure) as Lecturer with academic rate of \$18,000 at 9% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #366)

26. Transfer of Funds:

From:	Business Unallocated Faculty Salaries	\$ 3,060.
To:	Accounting Graduate Teaching Assistants	3,060.
For:	To provide funds to cover the appointment of additional Graduate Teaching Assistants for the Spring Semester.	

(RBC #473)

27. Appoint Ray A. Johnson (non-tenure) as Lecturer with academic rate of \$18,000 at 18.9% with stipend of \$1,700 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #391)

28. Appoint James Kershaw (non-tenure) as Lecturer with academic rate of \$18,000 at 9.4% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #407)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

Department of Business Administration

29. Re-appoint John M. Moore (non-tenure) and change status from Instructor with academic rate of \$9,600 to Lecturer with academic rate adjusted to \$18,000 at 9.4% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #458)
30. Appoint Joseph W. Sandifer, III (non-tenure) as Lecturer with academic rate of \$18,000 at 9.4% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #459)
31. Appoint James A. Craig, Jr. (non-tenure) as Lecturer with academic rate of \$18,000 at 11.1% with stipend of \$1,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #460)
32. Appoint Harry L. Cure, Jr. (non-tenure) as Lecturer with academic rate of \$18,000 at 9.4% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #461)
33. Appoint Kenneth W. Hale (non-tenure) as Lecturer with academic rate of \$18,000 at 9.4% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #462)
34. Appoint Billy J. Moore (non-tenure) as Lecturer with academic rate of \$18,000 at 11.1% with stipend of \$1,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #463)
35. Appoint Joseph M. Stacy (non-tenure) as Lecturer with academic rate of \$18,000 at 9.4% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #464)
36. Appoint Wayne F. Salvant (non-tenure) as Lecturer with academic rate of \$18,000 at 9.4% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #465)
37. Appoint John D. Slack (non-tenure) as Lecturer with academic rate of \$18,000 at 9.4% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #466)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

38. Appoint Jack Tipton (non-tenure) as Lecturer with academic rate of \$18,000 at 18.9% with stipend of \$1,700 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #467)

39. Appoint Ben B. Tompkins (non-tenure) as Lecturer with academic rate of \$18,000 at 9.4% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #468)

40. Appoint Carlyle Strickland (non-tenure) as Instructor with academic rate of \$10,000 at 100% with stipend of \$5,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #469)

41. Appoint Roy R. Jeffers (non-tenure) as Lecturer with academic rate of \$18,000 at 9.4% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #476)

Department of Economics

42. Appoint Joe E. Garner (non-tenure) as Lecturer with academic rate of \$18,000 at 18.9% with stipend of \$1,700 - 4 1/2 months; effective January 16, 1977. Funds are available from Business Unallocated Faculty Salaries. (RBC #423)

COLLEGE OF ENGINEERINGDepartment of Biomedical Engineering

43. Transfer of Funds:

From:	Engineering Unallocated	
	Capital Outlay	\$ 2,220.
To:	Biomedical Engineering	
	Capital Outlay	2,220.
For:	To provide funds to be used for the purchase of Instrumentation Laboratory Model Electrometer for the department.	

(RBC #376)

Department of Civil Engineering

44. Appoint Charles J. Tracy (non-tenure) as Adjunct Associate Professor with academic rate of \$17,500 at 13.7% with stipend of \$1,200 - 4 1/2 months; effective January 16, 1977. Funds are available from Engineering Unallocated Faculty Salaries. (RBC #409)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

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45. Appoint Paul J. Young (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 15.1% with stipend of \$1,100 - 4 1/2 months; effective January 16, 1977. Funds are available from Engineering Unallocated Faculty Salaries. (RBC #410)
46. Appoint Phallobh Sopitpongstorn (non-tenure) and promote from Graduate Teaching Associate with academic rate of \$8,280 to Assistant Instructor with academic rate of \$11,200 at 17.9% with stipend of \$1,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department and from Engineering Unallocated Faculty Salaries. (RBC #427)
47. Appoint William Thomson (non-tenure) as Assistant Instructor with academic rate of \$11,200 at 17.9% with stipend of \$1,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #428)
48. Appoint Mahendra P. Yajnik (non-tenure) as Assistant Instructor with academic rate of \$11,200 at 17.9% with stipend of \$1,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #429)
49. Appoint Robert V. Lopez (non-tenure) as Assistant Instructor with academic rate of \$11,200 at 17.9% with stipend of \$1,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Engineering Unallocated Faculty Salaries. (RBC #430)
50. Appoint Harold E. Taft (non-tenure) as Adjunct Associate Professor with academic rate of \$17,500 at 13.7% with stipend of \$1,200 - 4 1/2 months; effective January 16, 1977. Funds are available from Engineering Unallocated Faculty Salaries. (RBC #431)
51. Transfer of Funds:
- | | | |
|-------|---|-----------|
| From: | Graduate Research Assistants | \$ 5,000. |
| To: | Maintenance and Operation | 5,000 |
| For: | To provide funds to assist in the cost of outfitting laboratory for the department. | |
- (RBC #493)

Department of Mechanical Engineering

52. Appoint Kenneth R. Halliday (non-tenure) as Assistant Professor with academic rate of \$15,500 effective January 1, 1977. Funds are available from Engineering Unallocated Faculty Salaries. (RBC #362)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

53. Appoint Jerry B. Kent (non-tenure) as Instructor with academic rate of \$11,200 at 21.4% with stipend of \$1,200 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #367)

54. Appoint Ghazi Darkazalli (non-tenure) as Assistant Professor with academic rate of \$15,500 at 100% with stipend of \$8,610 - 5 months; effective January 1, 1977. Funds are available from Engineering Unallocated Faculty Salaries. (RBC #368)

55. Appoint Donald Anderson (non-tenure) as Instructor with academic rate of \$11,200 at 19.6% with stipend of \$1,100 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #369)

56. Appoint James D. Engelland (non-tenure) as Instructor with academic rate of \$11,200 at 19.6% with stipend of \$1,100 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #477)

Department of Electrical Engineering

57. Appoint James S. Bailey (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 13.7% with stipend of \$1,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Engineering Unallocated Faculty Salaries. (RBC #411)

Department of Computer Science

58. Appoint William G. Parmelee (non-tenure) as Instructor with academic rate of \$11,200 at 14.3% with stipend of \$800 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #402)

59. Appoint Robert S. Manna (non-tenure) as Instructor with academic rate of \$11,200 at 17.9% with stipend of \$1,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #403)

Department of Industrial Engineering

60. Appoint Ray E. Pippin (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 15.1% with stipend of \$1,100 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department and Engineering Unallocated Faculty Salaries. (RBC #378)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

Engineering - Special Operations

61. Transfer of Funds:

From:	Engineering Unallocated -	
	Maintenance and Operation	\$ 2,800.
To:	Engineering Special Operations -	
	Wages	2,800.
For:	To provide funds to pay additional personnel working on special projects for the College of Engineering.	

(RBC #375)

62. Transfer of Funds:

From:	Engineering Unallocated -	
	Maintenance and Operation	\$ 3,596.
To:	Engineering Special Operations -	
	Maintenance and Operation	3,596.
For:	To provide funds to be used in the renovation of rooms within the College of Engineering.	

(RBC #492)

GRADUATE SCHOOLDean of Graduate School

63. Change the status of Bob Perkins (Tenure-Geology Dept.), Dean of Graduate School with annual rate of \$40,400 from 67% with stipend of \$8,977 to 100% with stipend of \$13,466 - 4 months; effective February 1, 1977. Additional funds are available from Unallocated Instructional Administration Unallocated Salaries. (RBC #496)

INSTITUTE OF URBAN STUDIESCriminal Justice Program

64. Appoint William B. Norman (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 13.7% with stipend of \$1,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Urban Studies Unallocated Faculty Salaries. (RBC #379)

65. Appoint Jerome Mabli (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 14.4% with stipend of \$1,050 - 4 1/2 months; effective January 16, 1977. Funds are available from Lecturer funds within the department. (RBC #380)

66. Appoint Jack V. Strickland (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 14.4% with stipend of \$1,050 - 4 1/2 months; effective January 16, 1977. Funds are available from Urban Studies Unallocated Faculty Salaries. (RBC #381)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

Department of Urban and Regional Affairs

67. Appoint Mark S. Rosentraub (non-tenure), Assistant Professor with academic rate of \$15,800 to this account at 100% with stipend of \$7,900 - 4 1/2 months; effective January 16, 1977. Funds are available from Urban Studies Unallocated Faculty Salaries. (RBC #370)

68. Appoint Scott Cummings (non-tenure) Assistant Professor with academic rate of \$15,800 to this account at 50% with stipend of \$3,950 - 4 1/2 months; effective January 16, 1977. Funds are available from Urban Studies Unallocated Faculty Salaries. (RBC #371)

GRADUATE SCHOOL OF SOCIAL WORKSchool of Social Work

69. Appoint Raymond F. Martinez (non-tenure) as Assistant Professor with academic rate of \$16,500 to this account at 100% with stipend of \$7,333.32 - 4 months; effective February 1, 1977. Funds are available from Social Work Unallocated Faculty Salaries. (RBC #500)

SCHOOL OF ARCHITECTURE AND ENVIRONMENTAL DESIGNDepartment of Architecture and Environmental Design

70. Appoint Ellis R. Brown (non-tenure) as Instructor with academic rate of \$11,200 at 26.8% with stipend of \$1,500 - 4 1/2 months; effective January 16, 1977. Funds are available from Architecture Unallocated Faculty Salaries. (RBC #338)

71. Appoint Thomas E. Woodward (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 20.5% with stipend of \$1,500 - 4 1/2 months; effective January 16, 1977. Funds are available from Architecture Unallocated Faculty Salaries. (RBC #340)

72. Appoint Allan N. Jensen (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 24% with stipend of \$1,750 - 4 1/2 months; effective January 16, 1977. Funds are available from Architecture Unallocated Faculty Salaries. (RBC #341)

73. Appoint Robert L. Wegner, Sr. (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 20.5% with stipend of \$1,500 - 4 1/2 months; effective January 16, 1977. Funds are available from Architecture Unallocated Faculty Salaries. (RBC #357)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

74. Transfer of Funds:

From:	Architecture Unallocated Faculty Salaries	\$3,653.77
To:	Architecture and Environmental Design Graduate Teaching Assistants	3,653.77
For:	To provide additional funds to cover the appointment of additional Graduate Teaching Assistants for the Spring Semester.	

(RBC #474)

SCHOOL OF NURSING

75. Accept the resignation of Ann W. Rambusch (non-tenure) Assistant Instructor with academic rate of \$11,600, effective January 15, 1977. (RBC #328)

76. Promote Anita R. Diebenow (non-tenure) from Clinical Laboratory Assistant with full-time 12 months rate of \$14,133 and budgeted at 50% with stipend of \$5,300 for 9 months to Instructor with academic rate of \$12,700 at 100% with stipend of \$6,350 - 4 1/2 months; effective January 16, 1977. Completed Masters Degree in December, 1976. Additional funds are available from Nursing Unallocated Instructional Salaries. (RBC #329)

77. Accept the resignation of Mary F. Bruce (non-tenure), Instructor with academic rate of \$14,100 effective January 3, 1977. Has been on Leave of Absence from 9-1-76 through 5-31-77. (RBC #418)

78. Appoint Patricia J. Hoehn (non-tenure) as Assistant Professor with academic rate of \$14,600 at 50.6% with stipend of \$3,700 - 4 1/2 months; effective January 16, 1977. Funds are available from Nursing Unallocated Instructional Salaries. (RBC #419)

79. Transfer of Funds:

From:	Nursing Unallocated Instructional Salaries	\$3,276.
To:	Nursing Graduate Teaching Assistants	3,276.
For:	To provide funds to cover the appointment of Graduate Teaching Assistants for the Spring Semester.	

(RBC #475)

COMPUTER DEVELOPMENT AND TRAINING

80. Transfer of Funds:

From:	Computer Services	\$9,200.
To:	Capital Outlay	9,200.
For:	To provide funds to cover the purchase of Interactive Terminals.	

(RBC #332)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

LIBRARY

Library - All Other

81. Transfer of funds:

From:	Library Unallocated Salaries	\$11,548.
	Unallocated	3,308.
To:	Library - Travel	2,000.
	Library - Maintenance and Operation	12,856.
For:	To provide additional funds for necessary travel for Library staff and to support additional supplies, telephone expense, and postage expense required for the operation of the department.	

(RBC #374)

SPECIAL ITEMS

Institute of Urban Studies

82. Appoint John F. Carlson (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 20.5% with stipend of \$1,500 - 4 1/2 months; effective January 16, 1977. Funds are available from Unallocated Salaries within the department. (RBC #382)

83. Appoint Richard V. Crosby (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 11.2% with stipend of \$820 - 4 1/2 months; effective January 16, 1977. Funds are available from Unallocated Salaries within the department. (RBC #383)

84. Appoint Charlotte Barron (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 11.6% with stipend of \$850 - 4 1/2 months; effective January 16, 1977. Funds are available from Unallocated Salaries within the department. (RBC #384)

85. Appoint J. J. Gonzales (non-tenure) as Assistant Instructor with academic rate of \$11,200 at 53.6% with stipend of \$3,000 - 4 1/2 months; effective January 16, 1977. Funds are available from Unallocated Salaries. (RBC #385)

86. Appoint Richard H. Akin (non-tenure) as Adjunct Assistant Professor with academic rate of \$14,600 at 11% with stipend of \$800 - 4 1/2 months; effective January 16, 1977. Funds are available from Unallocated Salaries within the department. (RBC #387)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

AUXILIARY ENTERPRISESIntramurals

87. Transfer of Funds:

From:	Student Service Fees - Unallocated	\$1,000.
To:	Intramurals - Maintenance and Operation	1,000.
For:	To provide additional funds to the Intramural Department to purchase necessary supplies for the continued operation of the department.	

(RBC #471)

University Bookstore

88. Increase the annual rate of William R. Coulter, Assistant Bookstore Manager, from \$12,500 to \$14,000 effective January 1, 1977. Additional funds are available from Unallocated Salaries within the department. (RBC # 330)

Student Health Service

89. Increase the percent of time of G. Robert Ghiselli, Physician, with annual rate of \$32,840 from 56% to 100% effective January 16, 1977. Additional funds are available from Unallocated Salaries and Wages within the departmental account. (RBC #363)

Student Center Facilities

90. Accept the resignation of Walter D. McCoy, Director of Student Center, with annual rate of \$21,315 effective January 17, 1977. (RBC #364)

Student Activities - General

91. Increase the annual rate of Antoni M. Moynihan, Assistant Director of Programming, from \$14,742 to \$15,370, effective January 1, 1977. Additional funds are available from Unallocated Salaries within the department. (RBC #333)

Intercollegiate Athletics - Football

92. Accept the resignation of Calvin L. Reimer, Assistant Coach, with annual rate of \$16,206, effective December 31, 1976. (RBC #372)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET

Board Meeting - April 15, 1977

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93. Appoint Stephen M. Reid as Assistant Coach with annual rate of \$18,500 effective January 1, 1977. Funds are available from Unallocated Salaries within the department and from Intercollegiate Athletics - Administration Unallocated funds. (RBC #373)
94. Increase the annual rate of James R. Lindholm, Assistant Football Coach, from \$12,057 to \$12,672 effective January 1, 1977. Additional funds are available from Intercollegiate Athletics Administration - Unallocated. (RBC #479)
95. Increase the annual rate of Charles A. Key, Assistant Football Coach, from \$13,158 to \$14,000 effective January 1, 1977. Additional funds are available from Intercollegiate Athletics Administration - Unallocated. (RBC #480)
96. Increase the annual rate of Larry Donaldson, Assistant Football Coach, from \$9,000 to \$10,500, effective January 1, 1977. Additional funds are available from Intercollegiate Athletics - Administration Unallocated. (RBC #481)
97. Increase the annual rate of Harold Elliott, Head Football Coach, from \$20,295 to \$22,000 effective January 1, 1977. Additional funds are available from Athletics - Administration Unallocated funds. (RBC #389)

GRANTS AND CONTRACTSUnited States Army Research

8. Appoint Spinivasa Leelamma (non-tenure) as Visiting Professor with academic rate of \$21,800 at 62% with stipend of \$6,753 - 4 1/2 months; effective January 16, 1977. Funds are available from Grant Funds within the account. (RBC #470)

CURRENT RESTRICTED FUNDSArt Department - Chair of Art History

99. Appoint Brenda Bradshaw (non-tenure) as Instructor with academic rate of \$11,200 at 23.2% with stipend of \$1,300 - 4 1/2 months; effective January 16, 1977. Funds are available from Maintenance and Operation within the department. (RBC #336)

1977 SUMMER SESSION BUDGET

I recommend approval of the 1977 Summer Budget. The budget reflects an expenditure of \$1,734,862. This amount is available from funds within the Summer School Faculty Salaries account in the original 1976-77 Operating Budget of \$1,450,000 plus \$284,862 transferred from the Long Session Faculty Salaries accounts.

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THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDATIONS FOR SALARY BUDGET
FOR
SUMMER SESSION 1977

Arlington, Texas

March 9, 1977

THE UNIVERSITY OF TEXAS AT ARLINGTON

Arlington, Texas

1977 SUMMER SESSION BUDGET

First Term: June 1 - July 15
 July 16 - August 31

RESIDENT INSTRUCTIONCOLLEGE OF LIBERAL ARTS

English	\$ 75,608
Art	27,214
Music	14,445
Foreign Languages	71,334
Political Science	62,227
History	62,849
Philosophy	9,925
Physical Education	20,825
Education	28,640
Sociology	23,140
Communication	<u>20,065</u>

Total College of Liberal Arts 416,272

COLLEGE OF SCIENCE

Biology	60,796
Chemistry	45,994
Geology	25,390
Mathematics	140,508
Physics	45,356
Psychology	<u>50,773</u>

Total College of Science 368,817

COLLEGE OF BUSINESS

Accounting	91,951
Business Administration	216,751
Economics	<u>86,116</u>

Total College of Business 394,818

COLLEGE OF ENGINEERING

Aerospace Engineering	33,225
Biomedical Engineering	3,830
Civil Engineering	83,054
Engineering Graphics	12,549
Mechanical Engineering	66,036
Electrical Engineering	65,191
Industrial Engineering	42,475
Computer Science	<u>41,456</u>

Total College of Engineering 347,816

1977 SUMMER SESSION BUDGET
(Continued)

<u>CRIMINAL JUSTICE PROGRAM</u>	\$ 23,737
<u>INSTITUTE OF URBAN STUDIES</u>	19,330
<u>GRADUATE SCHOOL OF SOCIAL WORK</u>	38,862
<u>COLLEGE OF ARCHITECTURE AND ENVIRONMENTAL DESIGN</u>	59,407
<u>SCHOOL OF NURSING</u>	<u>65,803</u>
TOTAL 1977 SUMMER SESSION BUDGET	<u>\$1,734,862</u>

SUMMARY OF 1977 SUMMER SESSION BUDGET
(ELEMENTS OF INSTITUTIONAL COST)

RESIDENT INSTRUCTION

Teaching Salaries Only \$1,734,862.00

SOURCE OF FUNDS

Summer Session Appropriation in 1976-77 Budget 1,450,000.00

Transfer from Unallocated Salaries to Summer Session Salaries:

Unallocated Faculty Salaries	24,272.64
Liberal Arts	2,314.00
Science	22,699.00
Business Administration	84,076.00
Engineering	55,222.45
Urban Studies	1,528.00
Social Work	15,016.68
Architecture	13,930.23
Nursing	65,803.00
	<u>\$ 284,862.00</u>

TOTAL FUNDS AVAILABLE FOR SUMMER SESSION SALARIES \$1,734,862.00

LEGE OF LIBERAL ARTS

EM	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
-120 ENGLISH						
PROFESSOR AND CHAIRMAN						
1	EMORY D ESTES	T	25,000		100 4,166	4,166
PROFESSOR						
4	LYLE H KENDALL JR	T	23,000	100 3,833		3,833
5	CLAYTON L EICHELBERGER	T	22,300	100 3,716		3,716
7	ARLIE V GOYNE JR	T	20,370		100 3,395	3,395
8	GEORGE E FORTENBERRY	T	19,500	100 3,250		3,250
0	CORINNE E KAUFFMAN	T	17,700	100 2,950		2,950
1	ANNE WHALING	T	17,000		100 2,833	2,833
2	ROBERT L LITTLEFIELD	T	17,000	050 1,416	050 1,417	2,833
3	ERNESTINE M SEWELL	T	17,000		100 2,833	2,833
ASSO PROFESSOR						
4	GERTRUDE L GOLLADAY	T	17,720	100 2,953		2,953
5	JOHN S BURNS	T	17,650	100 2,941		2,941
6	DON R SWADLEY	T	17,240	100 2,873		2,873
7	FIGRELLA S TURBEVILLE	T	17,100	100 2,850	100 2,850	5,700
9	RICHARD B ZACHA	T	15,440	050 1,286	050 1,287	2,573
0	DALLAS L LACY	T	15,370		100 2,561	2,561
1	MAURICE I CARLSON	T	15,290		100 2,548	2,548

LEGE OF LIBERAL ARTS

EM .	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
-120 ENGLISH							
ASSO PROFESSOR							
2	JAMES M MOFFETT	T 15,200	050	1,266	050	1,267	2,533
3	BILLI M ROGERS	T 14,590	100	2,431			2,431
5	JOHN S LEWIS	T 14,500			100	2,416	2,416
6	WILLIAM M RICHARDSON	T 14,500	050	1,208	050	1,208	2,416
7	LUANNE T FRANK	T 14,500	100	2,416			2,416
8	HARRY S HANKS	T 14,500			100	2,416	2,416
ASST PROFESSOR							
1	THOMAS ANTHONY RYAN	T 14,000	050	1,166	050	1,167	2,333
2	ROBERT J REDDICK	13,850	100	2,308			2,308
4	MARGARET J MCGOWAN	T 13,360			100	2,226	2,226
6	BOBBIE SIMMS	T 12,930	100	2,155			2,155
TOTAL				41,018		34,590	75,608

COLLEGE OF LIBERAL ARTS

EM	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
-131 ART							
PROFESSOR AND CHAIRMAN							
1	VINCENT J BRUND	T 24,000			100	4,000	4,000
PROFESSOR							
2	DAVID O MERRILL	T 21,000	050	1,750			1,750
3	WILLIAM E TURNER	T 17,300	100	2,883			2,883
5	MARY L HODNETT	T 17,000	050	1,417			1,417
16	ORTON HAMBY	T 17,000			100	2,833	2,833
ASSO PROFESSOR							
8	STEPHEN T RASCOE	T 14,800	100	2,466			2,466
ASST PROFESSOR							
2	ROSALIE STALEY	12,600	100	2,100			2,100
3	HARLEY J SCOTT JR	T 12,500	100	2,083			2,083
5	SANDRA R RUBIN	12,400			100	2,066	2,066
8	CHARLES CUNNINGHAM	12,000			100	2,000	2,000
INSTRUCTOR							
9A	ANTHONY C ANDERSON	11,500	100	1,916			1,916
9	VIRGINIA L OLIVEIRA	10,200	100	1,700			1,700
TOTAL				16,315		10,899	27,214

COLLEGE OF LIBERAL ARTS

M	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME SALARY		PERCENT OF TIME SALARY		
-132 MUSIC								
PROFESSOR AND CHAIRMAN								
1	JAMES E RICHARDS	T	24,200	100	4,033	050	2,016	6,049
PROFESSOR								
2	LLOYD C TALIAFERRO	T	18,500			100	3,083	3,083
ASSO PROFESSOR								
3	GARY L EBENSBERGER	T	16,140	075	2,017	025	673	2,690
ASST PROFESSOR								
5	RAY C LICHENWALTER	T	14,680			050	1,223	1,223
INSTRUCTOR								
3A	BILL G SNODGRASS		12,000	025	500			500
7	SIMPSON DONALD		5,500	049	450	049	450	900
TOTAL					7,000		7,445	14,445

COLLEGE OF LIBERAL ARTS

ID	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
-140 FOREIGN LANGUAGE & LINGUISTICS								
ASSO PROF AND CHAIRMAN								
1	VIRGIL L POULTER	T	22,500	100	3,750	100	3,750	7,500
PROFESSOR								
3	DEVES MONOSTORY	T	18,860	100	3,143			3,143
4	DUANE A ADAMS	T	18,630	100	3,105			3,105
5	JOHN A STUART	T	19,320	100	3,053	050	1,526	4,579
6	ALVIN D JETT JR	T	18,000	100	3,000			3,000
ASSO PROFESSOR								
8	ALAN J STEINECKE	T	18,700	100	3,116	050	1,558	4,674
9	JOSE G SANCHEZ		18,400			100	3,066	3,066
0	CHARLES MCDOWELL	T	18,100	100	3,016			3,016
1	BERTIE W ACKER	T	16,140			100	2,690	2,690
2	ANNIE L GIBSON	T	16,000			050	1,333	1,333
3	TED E FRANK	T	15,520	100	2,586			2,586
4	DUANE V KEILSTRUP	T	14,500	100	2,416			2,416
5	JAMES D WILMETH	T	14,500	050	1,208	050	1,208	2,416
ASST PROFESSOR								
6	FREDERICK VINA	T	14,750	100	2,458	050	1,229	3,687
7	FRANK LONGORIA		16,500	100	2,750			2,750

LEGE OF LIBERAL ARTS

EM	- PAYROLL TITLE -		9 MOS.	FIRST TERM	SECOND TERM	TOTAL
.	NAME		RATE	6-1/7-15 PERCENT OF TIME SALARY	7-16/8-31 PERCENT OF TIME SALARY	SALARY
-140 FOREIGN LANGUAGE & LINGUISTICS						
ASST PROFESSOR						
8	CARLOS NOGUEIRA-MARTINS	T	14,000	100 2,333	100 2,333	4,666
0	DJLORES H HOLDER	T	13,000		100 2,166	2,166
1	NORMAN A WHITLOCK	T	12,500	100 2,083		2,083
2	JACK PALANGIAN	T	12,000	050 1,000	100 2,000	3,000
3	RIMMA B PALANGIAN	T	12,000	050 1,000		1,000
INSTRUCTOR						
7	SANDRA W MARTELL		11,240	100 1,873		1,873
SUB-TOTAL				41,890	22,859	64,749
UNALLOCATED TEACHING SALARIES						
2B	GRADUATE TEACHING ASSTS					5,754
2C	LECTURER					831
TOTAL				41,890	22,859	71,334

COLLEGE OF LIBERAL ARTS

EM	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME SALARY		PERCENT OF TIME SALARY		
-145 POLITICAL SCIENCE								
PROFESSOR								
2	LUTHER G HAGARD JR	T	21,000	100	3,500	050	1,750	5,250
PROFESSOR AND CHAIRMAN								
3A	SAMUEL B HAMLETT	T	20,700	100	3,450	050	1,725	5,175
PROFESSOR								
4	IRVING O DAWSON	T	19,870	100	3,311			3,311
5	EDWARD B RICHARDS	T	19,020	100	3,170	100	3,170	6,340
6	HUBERT L C MATTHIAS	T	18,500	100	3,083	100	3,083	6,166
ASSO PROFESSOR								
7	LUTHER W ODOM	T	18,870	050	1,572	100	3,145	4,717
8	JHANG S MOON	T	18,540	100	3,090	050	1,545	4,635
9	IVAN TABORSKY	T	17,740	100	2,956	100	2,956	5,912
0	ALLAN SAXE	T	17,190	100	2,865	050	1,432	4,297
1	CHARLES W VAN CLEVE	T	15,410	100	2,568	100	2,568	5,136
ASST PROFESSOR								
2	CHARLES R KNERR		13,500			100	2,250	2,250
	THOMAS R MARSHALL		13,000	067	1,444	067	1,444	2,888
	HUNTER SCHMIDT JR	T	12,000	050	1,000	100	2,000	3,000
	WILLIAM A MACAULEY		12,600	050	1,050	100	2,100	3,150
TOTAL					33,059		29,168	62,227

COLLEGE OF LIBERAL ARTS

EM	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
-150 HISTORY								
ASSO PROF AND CHAIRMAN								
1	RICHARD G MILLER	T	22,600	100	3,766	100	3,766	7,532
PROFESSOR								
3	CASPER G WOLFSKILL	T	26,500			100	4,416	4,416
4	ROBERT W AMSLER	T	19,000	050	1,583			1,583
6	MARTIN H HALL	T	18,600			100	3,100	3,100
7	VAN MITCHELL SMITH	T	18,500	100	3,083			3,083
8	HOMER L KERR	T	17,800	100	2,966	100	2,966	5,932
9	HOWARD LACKMAN	T	17,140	100	2,856			2,856
ASSO PROFESSOR								
0	JEROME L RUDNITZKY	T	18,000	050	1,500			1,500
2	SANDRA MYRES	T	17,500			100	2,916	2,916
4A	DENNIS REINHARTZ	T	17,100			047	1,339	1,339
5	ELLIOTT WEST	T	17,000	100	2,833	100	2,833	5,666
6	GLEN M RODGERS	T	16,660			100	2,776	2,776
7	J W KNOX	T	15,490	100	2,581			2,581
3	ARTHUR W TUCKER JR	T	15,140			100	2,523	2,523
9	EDWARD W CHESTER	T	14,670	100	2,445			2,445
0	EDWARD C BOCK	T	14,500	100	2,416			2,416

COLLEGE OF LIBERAL ARTS

M	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
-150 HISTORY							
ASST PROFESSOR							
3	STANLEY H PALMER	14,000	050	1,166			1,166
4	GUSTAVE A ANGUIZOLA	13,980	T 100	2,330	100	2,330	4,660
6	ROBERT F JAKS	13,400	100	2,233			2,233
0	AUDRA L PREWITT	12,760	T 100	2,126			2,126
	TOTAL			33,884		28,965	62,849

LEGE OF LIBERAL ARTS

EM	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
-155 PHILOSOPHY							
ASSO PROF AND CHAIRMAN							
1	THOMAS W KING	T 16,000	100	2,666	100	2,666	5,332
ASSO PROFESSOR							
12	HOUGHTON B DALRYMPLE	T 15,560			100	2,593	2,593
ASST PROFESSOR							
1	.....	12,000	025	500	025	500	1,000
12	.....	12,000	025	500	025	500	1,000
TOTAL				3,666		6,259	9,925

EGE OF LIBERAL ARTS

M	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
.170 PHYSICAL EDUCATION						
PROFESSOR AND CHAIRMAN						
1	CLAUDE R GILSTRAP	T	20,000	100 3,333	050 1,666	4,999
PROFESSOR						
2	THOMAS J TINKER	T	17,000	033 944	025 708	1,652
ASSO PROFESSOR						
5	CARLA D LOWRY	T	15,000	050 1,250		1,250
6	MARY L DESPOSITO	T	14,800		100 2,466	2,466
7	BURLEY L BEARDEN	T	14,670	100 2,445	030 729	3,174
ASST PROFESSOR						
0	THOMAS D BOONE	T	12,500	050 1,041	050 1,042	2,083
1	TOMMY S BEASLEY	T	13,200		100 2,200	2,200
2	JUDSON M RAMSEY	T	12,010	100 2,001		2,001
5B	PAULINE T MAXWELL	T	12,000		050 1,000	1,000
TOTAL				11,014	9,811	20,825

LEGE OF LIBERAL ARTS

EM	- PAYROLL TITLE -		9 MOS.	FIRST TERM	SECOND TERM	TOTAL
.	NAME		RATE	6-1/7-15 PERCENT OF TIME SALARY	7-16/8-31 PERCENT OF TIME SALARY	SALARY
-182 EDUCATION						
ASSO PROF AND CHAIRMAN						
1	JON W WILES	T	20,200		100 3,366	3,366
PROFESSOR						
12	NORMAN C MOHN	T	17,000	100 2,833		2,833
ASSO PROFESSOR						
14	JYCE B BUCKNER	T	15,470		100 2,578	2,578
15	R JON LEFFINGWELL	T	14,500	100 2,416		2,416
ASST PROFESSOR						
16	DON M BEACH		14,150	100 2,358		2,358
11	.....		13,800		100 2,300	2,300
17	DOUGLAS M BROOKS		13,000	100 2,166		2,166
18	CHARLES FUNKHOUSER		13,000	100 2,166	100 2,166	4,332
19	RITA MARTIN		12,750		100 2,125	2,125
20	STEVE B SILVERN		12,500	100 2,083		2,083
INSTRUCTOR						
1	JUDITH REINHARTZ		12,500		100 2,083	2,083
TOTAL				14,022	14,618	28,640

COLLEGE OF LIBERAL ARTS

EM	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
-190 SOCIOLOGY						
PROFESSOR						
1A	LEE TAYLOR	T	24,800	025 1,033	025 1,033	2,066
VISITING ASSO PROFESSOR						
4A	FEDERICO S VIDAL		19,800	050 1,650		1,650
ASSO PROFESSOR						
6	BRUCE ANDERSON	T	19,680	050 1,640		1,640
17	WILLIAM A STACEY	T	18,790	050 1,565	050 1,566	3,131
11	.....		16,910		050 1,409	1,409
ASSO PROF & ACT CHAIRMAN						
18A	DAVID S BROMLEY	T	17,450	075 2,181	075 2,181	4,362
ASST PROFESSOR						
20	JOSEPH C VENTIMIGLI		16,700	050 1,391	050 1,392	2,783
21	FRANK WEED		16,100	050 1,341	050 1,342	2,683
3A	RAYMOND EVE		14,500	050 1,208		1,208
4	EDMUND RUDOWSKI	T	12,000		050 1,000	1,000
VISITING ASST PROFESSOR						
7	ANSON D SHUPE JR		14,500	050 1,208		1,208
TOTAL				13,217	9,923	23,140

LEGE OF LIBERAL ARTS

EM	- PAYROLL TITLE - • NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
-195 COMMUNICATION						
ASSO PROF AND CHAIRMAN						
1A	CHARLES S PROCTOR	T	17,000	050 1,416	100 2,833	4,249
ASSO PROFESSOR						
12	CHAPIN ROSS	T	18,000	100 3,000		3,000
3	NITA F COX	T	15,700	100 2,616	065 1,700	4,316
ASST PROFESSOR						
4	WILLIAM J STONE JR		15,700	050 1,308		1,308
5	GEORGE RHOADES		15,500		050 1,291	1,291
8	JACKSON J HARRELL		13,700		100 2,283	2,283
9	ROY D HAMRIC		13,700	050 1,141		1,141
ADJUNCT ASST PROFESSOR						
9	ROSANNA T HERNDON		8,000	025 333	025 333	666
INSTRUCTOR						
14	TOM SHUFORD		13,750		050 1,145	1,145
SUB-TOTAL				9,814	9,585	19,399
UNALLOCATED TEACHING SALARIES						
2C	LECTURERS					666
TOTAL				9,814	9,585	20,065

COLLEGE OF SCIENCE

M	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME SALARY		PERCENT OF TIME SALARY		
-220 BIOLOGY								
PROFESSOR AND CHAIRMAN								
1	W C McDONALD	T	26,200	100	4,366	100	4,366	8,732
PROFESSOR								
3	WILLIAM R MEACHAM	T	24,870	050	2,073	050	2,072	4,145
5	THOMAS E KENNERLY JR	T	20,950			100	3,491	3,491
6	CLARENCE C HALL JR	T	20,130	040	1,342	100	3,355	4,697
7	WILLIAM B MCCRADY	T	18,860	100	3,143	050	1,571	4,714
8	THOMAS R HELLIER JR	T	18,640	050	1,553	100	3,106	4,659
ASSOC PROFESSOR								
0	LOUIS H BRAGG	T	18,370	100	3,061	050	1,530	4,591
3	ROBERT B BOLEY	T	16,760	100	2,793	050	1,396	4,189
4	FRANK G GLADDEN	T	16,290	100	2,715	050	1,357	4,072
5	ROBERT L NEILL	T	16,100			100	2,683	2,683
6	BERNARD L FRYE	T	16,070	100	2,678			2,678
ASST PROFESSOR								
7	JON H TUTTLE		15,600	100	2,600			2,600
0	DONALD H WHITMORE		13,860	100	2,310			2,310
3	JOHN D BACON		13,300			100	2,216	2,216
SUB-TOTAL					28,634		27,143	55,777
UNALLOCATED TEACHING SALARIES								
28	GRADUATE TEACHING ASST							5,019
TOTAL					28,634		27,143	60,796

COLLEGE OF SCIENCE

EM	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
-230 CHEMISTRY							
PROFESSOR							
3	DONALD R MARTIN	T 27,500	100	4,583	100	4,583	9,166
4	PETER R GIRARDOT	T 25,980			100	4,330	4,330
5	ROBERT F FRANCIS	T 21,190	100	3,531	100	3,531	7,062
ASSO PROFESSOR							
9	THOMAS J COGDELL	T 18,640			100	3,106	3,106
0	A T ARMSTRONG	T 18,640	100	3,106			3,106
1	SARAH M WILLOUGHBY	T 18,520	100	3,086			3,086
2	EDWARD BELLION	T 16,850	100	2,808			2,808
3	DANIEL M BLAKE	T 16,740	100	2,790			2,790
4	ANN H BENHAM	T 15,840			100	2,640	2,640
INSTRUCTOR							
8A	ALBERT A KAMEGO	7,125	100	1,187	100	1,187	2,374
9	HSIEN-KUN CHU	6,750	100	1,125	100	1,125	2,250
SUB-TOTAL				22,216		20,502	42,718
UNALLOCATED TEACHING SALARIES							
2B	GRADUATE TEACHING ASSTS						3,276
TOTAL				22,216		20,502	45,994

COLLEGE OF SCIENCE

EM	- PAYROLL TITLE - • NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
-240 GEOLOGY							
PROF & ACT CHAIRMAN							
3A	JOHN D BOON	T 21,200	100	3,533	050	1,766	5,299
ASSO PROFESSOR							
45	BURKE BURKART	T 16,920	100	2,820			2,820
46	DONALD F REASER	T 16,520	050	1,376	100	2,753	4,129
ASST PROFESSOR							
47	DAVID A KOTILA	15,920	100	2,653			2,653
48	JOSEPH F FISCHER	15,450			100	2,575	2,575
49	THOMAS H WALLER	16,000	100	2,666			2,666
40	JAMES T KIRKLAND	13,800	100	2,300			2,300
47	MERLYND K NESTELL	T 17,020	050	1,418			1,418
	Mathematics		050	(1,418)			
	SUB-TOTAL			16,766		7,094	23,860
UNALLOCATED TEACHING SALARIES							
2B	GRADUATE TEACHING ASSTS						1,530
	TOTAL			16,766		7,094	25,590

LEGE OF SCIENCE

EM	- PAYROLL TITLE -		9 MOS.	FIRST TERM	SECOND TERM	TOTAL
.	NAME		RATE	6-1/7-15 PERCENT OF TIME SALARY	7-16/8-31 PERCENT OF TIME SALARY	SALARY
-250 MATHEMATICS						
PROFESSOR AND CHAIRMAN						
1	V LAKSHMIKANTHAM	T	28,910	100 4,818	100 4,818	9,636
PROFESSOR						
12	BASIL M WALL	T	23,680	100 3,946		3,946
13	ALFRED R MITCHELL	T	20,860	100 3,476		3,476
14	ROGER W MITCHELL	T	20,620	100 3,436		3,436
16	JAMES L SHAWN	T	17,710	100 2,951		2,951
ASSO PROFESSOR						
17	BENNIE B WILLIAMS	T	22,200		100 3,700	3,700
18	ROBERT L TENNISON	T	21,290	050 1,774	050 1,774	3,548
19	JOHN K PERRYMAN	T	20,510		100 3,418	3,418
10	STILLMAN A SIMS	T	18,980	100 3,163	100 3,163	6,326
11	DANNY D DYER	T	18,920	100 3,153		3,153
12	LARRY F HEATH	T	18,770	055 1,722	055 1,722	3,444
13	MARION E MOORE	T	18,870	100 3,145		3,145
14	FRANK N HUGGINS	T	18,270		100 3,045	3,045
15	M E LORD	T	18,270	100 3,045	100 3,045	6,090
16	JAMES C BOLEN	T	18,130	100 3,021		3,021
17	JAMES R HARVEY	T	18,080	100 3,013		3,013

LEGE OF SCIENCE

EM	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
-250 MATHEMATICS						
ASSO PROFESSOR						
18	C W MARSHALL	T	17,710	100 2,951		2,951
19	WILLIAM E BEEMAN	T	17,440	050 1,453	050 1,453	2,906
20	STEPHEN R BERNFELD		17,100		100 2,850	2,850
22	WILLIAM LAWLEY	T	16,800		100 2,800	2,800
23	GAY B TURNEY	T	16,310	100 2,718		2,718
24	THURMAN M JASPER	T	15,630	100 2,605	087 2,255	4,860
25	JOHN A GARDNER	T	15,390	100 2,565	100 2,565	5,130
26	HAROLD R GREEN	T	14,710	100 2,451		2,451
ASST PROFESSOR						
27	MERYLND K NESTELL Geology	T	17,020	050 1,418 050 (1,418)		1,418
28	WESLEY E MEAD JR	T	15,980	050 1,331		1,331
29	JAMES C NICHOLSON	T	15,610	100 2,601		2,601
30	JOE GILBREATH	T	15,130		050 1,260	1,260
32	MERVIN R CHILDERS	T	15,050	050 1,254	050 1,254	2,508
33	MARIAN E PAYSINGER	T	15,050	100 2,508		2,508
34	ARTHUR A GILLESPIE	T	14,700	050 1,225	050 1,225	2,450
35	DOROTHY L CHESNUT	T	14,628	050 1,219		1,219
36	EUDA E DEAN	T	14,350	100 2,391		2,391

COLLEGE OF SCIENCE

EM	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
-250 MATHEMATICS						
ASST PROFESSOR						
7	LEE G SHILLING JR	T	14,330		100 2,388	2,388
8	ROBERT J FOSTER	T	13,880		100 2,313	2,313
0	KIRBY D WATKINS	T	13,410	100 2,235		2,235
1	EDDIE N WARREN	T	13,310		100 2,218	2,218
2	HENRY T WISE JR		12,990	100 2,165		2,165
	SUB-TOTAL			73,753	47,266	121,019
* UNALLOCATED TEACHING SALARIES						
28	GRADUATE TEACHING ASSTS					12,853
20	LECTURERS					6,636
	TOTAL			73,753	47,266	140,508

LEGE OF SCIENCE

EM	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
-260 PHYSICS						
PROFESSOR AND CHAIRMAN						
1	LOUIS A RAYBURN	T	27,100	100 4,516	100 4,516	9,032
PROFESSOR						
2A	LEONARD M DIANA	T	22,986	050 1,915	050 1,916	3,831
3	RICHARD J MARQUIS	T	20,710	100 3,451		3,451
4	ULRICH D HERRMANN	T	20,010	100 3,335	100 3,335	6,670
ASSO PROFESSOR						
6	TRUMAN D BLACK	T	22,190	100 3,698		3,698
7	JOHN L FRY	T	19,140		100 3,190	3,190
9	BONNIE C THOMPSON	T	18,790	100 3,131		3,131
0	NOLEN G MASSEY	T	17,970		100 2,995	2,995
1	GLEN E TERRELL	T	17,880	050 1,490		1,490
2	JASON A ELLIS	T	17,590		050 1,466	1,466
4	WILLIAM B SELF	T	16,810		100 2,801	2,801
ASST PROFESSOR						
5	ERWIN G DOUGHTY	T	16,210	050 1,351	050 1,350	2,701
SUB-TOTAL				22,887	21,569	44,456
UNALLOCATED TEACHING SALARIES						
20 LECTURERS						
TOTAL				22,887	21,569	45,356

DEPARTMENT OF SCIENCE

M	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
270 PSYCHOLOGY								
PROFESSOR AND CHAIRMAN								
1	JAMES ERICKSON	T	26,700	100	4,450	100	4,450	8,900
PROFESSOR								
2	GARVIN M MCCAIN	T	23,870	050	1,989	050	1,989	3,978
3	VERNE C COX	T	22,010	050	1,834	050	1,834	3,668
5	IRA H BERNSTEIN	T	21,240	050	1,770	050	1,770	3,540
6	JAMES N BOWEN	T	20,260	050	1,688	050	1,688	3,376
ASSO PROFESSOR								
9	JAMES W BAERWALDT	T	18,090	045	1,365	045	1,365	2,730
0	JAMES KOPP	T	18,070	045	1,360	045	1,360	2,720
1	PAUL B PAULUS	T	16,800	050	1,400	050	1,400	2,800
2	DUANE R MARTIN	T	15,850	045	1,195	045	1,195	2,390
ASST PROFESSOR								
5	BRUCE A AMBLER		14,430	050	1,202	050	1,203	2,405
6	JAMES T MILLER		14,030	045	1,060	045	1,060	2,120
7	THOMAS C MONSON		13,000	050	1,083	050	1,083	2,166
VISITING ASST PROFESSOR								
4	KAREN G FORIET		15,000	025	625	025	625	1,250
SUB-TOTAL					21,021		21,022	42,043
UNALLOCATED TEACHING SALARIES								
2A	GRADUATE TEACHING ASST							8,730
TOTAL					21,021		21,022	50,773

LEGE OF BUSINESS

EM	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
-320 ACCOUNTING						
PROFESSOR AND CHAIRMAN						
1	WILBUR R ROSS	T	28,200	100 4,700	100 4,700	9,400
PROFESSOR						
13	HOWARD J SNAVELY	T	25,200	100 4,200	100 4,200	8,400
5	RICHARD J VARGO	T	23,600	100 3,933	100 3,933	7,866
VISTING PROFESSOR						
11	LANNY D CHASTEEN		27,000	100 4,500	100 4,500	9,000
ASSO PROFESSOR						
8	JAMES F COOK	T	15,300	050 1,275	050 1,275	2,550
0	BILLIE W MUUCK	T	14,300	100 2,383	100 2,383	4,766
ASST PROFESSOR						
1	PAUL A DIERKS		20,000	100 3,333	100 3,333	6,666
2	J J TSAY		18,850	100 3,141	100 3,141	6,282
3	ROBERT E MCGILLIVRAY		18,850	100 3,141	100 3,141	6,282
4	CECILY A RAIBORN		17,900	100 2,983	100 2,983	5,966
5	J PERRY ABBOTT		16,750	100 2,791	100 2,791	5,582
INSTRUCTOR						
9	SHIRLEY S STRICKLAND		11,000	100 1,833	100 1,833	3,666
SUB-TOTAL				38,213	38,213	76,426
UNALLOCATED TEACHING SALARIES						
20	LECTURERS					10,350
28	GRADUATE TEACHING ASSTS					5,175
TOTAL				38,213	38,213	91,951

COLLEGE OF BUSINESS

EM	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
330 BUSINESS ADMINISTRATION							
ASSO PROF AND CHAIRMAN							
	EDWIN A GERLOFF	T 22,200	100	3,700	100	3,700	7,400
PROFESSOR							
3	JERRY C WOFFORD	T 27,300	100	4,550	100	4,550	9,100
4	LAWRENCE L SCHKADE	T 27,171	100	4,528			4,528
3	JOHN D STANLEY	T 25,590	100	4,265			4,265
VISTING PROFESSOR							
1A	JAMES G HUNT	26,500	100	4,416	100	4,416	8,832
ASSO PROFESSOR							
	JACK P FRIEDMAN	19,000	100	3,166	100	3,166	6,332
0	GEORGE W TRIVOLI	21,000	100	3,500	100	3,500	7,000
1	WILLIAM W LUCAS	T 21,100	100	3,516	100	3,516	7,032
2	WILLIAM P GREEN	T 20,546	025	856	025	856	1,712
3	HIRAM M HELM JR	T 20,530	100	3,421	100	3,421	6,842
	WILLIAM E PINNEY	T 20,230	100	3,371	100	3,371	6,742
	CARL D MCDANIEL JR	T 20,110	100	3,351	100	3,351	6,702
4	SANFORD M EDGAR	T 19,370	100	3,228	100	3,228	6,456
7	BURLEY WALKER JR	T 19,170	100	3,195	100	3,195	6,390
8	DAVID GRAY	T 19,000	100	3,166	100	3,166	6,332

COLLEGE OF BUSINESS

M	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
330 BUSINESS ADMINISTRATION							
ASSO PROFESSOR							
	ROGER H GATES	T 18,580	100	3,096	100	3,096	6,192
	PAT J CALABRO	T 18,560			100	3,093	3,093
	THOMAS I KINDEL	T 18,500			100	3,083	3,083
	BILLY W TURNER	T 15,550	100	2,591	100	2,591	5,182
	DONALD W CANTWELL	T 15,430	100	2,571	100	2,571	5,142
ASST PROFESSOR							
5	R C BAKER	18,930	100	3,155	100	3,155	6,310
6	LARRY SECREST	18,900	100	3,150	100	3,150	6,300
7	PAULA A HUGHES	18,160	100	3,026	100	3,026	6,052
8	M WAYNE ALEXANDER	18,030	100	3,005			3,005
0	MARTIN KATZ	16,000	100	2,666	100	2,666	5,332
1	CARL J SCHWENDIMAN	19,000	100	3,166	100	3,166	6,332
4	RONALD E MILLIMAN	16,940	100	2,833			2,833
5	ROSS A FLAHERTY	16,940	100	2,823	100	2,823	5,646
6	DONALD B MCWILLIAMS	16,720	100	2,786	100	2,786	5,572
7	ROBERT W BROBST	16,500	100	2,750	100	2,750	5,500
8	ALBERT S LEWIE JR	13,020	100	2,170	100	2,170	4,340
INSTRUCTOR							
9	JOHN V DOWDY JR	10,970	075	1,371	075	1,371	2,742

EDGE OF BUSINESS

M	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
330 BUSINESS ADMINISTRATION							
INSTRUCTOR							
	JUDY V HUMPHREY	10,500	100	1,750	100	1,750	3,500
	KRISTINE LUBINSKI	10,000	100	1,666	100	1,666	3,332
	.....	10,000	100	1,666	100	1,666	3,332
	.....	10,500	100	1,750	100	1,750	3,500
	CHARLES M EHNINGER	9,600	075	1,200	075	1,200	2,400
	JOANNE MORRIS	9,600	100	1,600	100	1,600	3,200
	HOMER H MOHR	9,600	100	1,600	100	1,600	3,200
	KIRK D WALDEN	9,600	075	1,200	075	1,200	2,400
	GEORGE T JACKMAN	10,000			100	1,666	1,666
	TOMMY W KING	9,600	100	1,600	050	800	2,400
	SUB-TOTAL			107,420		99,831	207,251
UNALLOCATED TEACHING SALARIES							
C	LECTURERS						9,500
	TOTAL			107,420		99,831	216,751

DEPARTMENT OF BUSINESS

M	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
340 ECONOMICS							
PROFESSOR AND CHAIRMAN							
	SAMUEL T KEIM JR	T 27,600	100	4,600	100	4,600	9,200
PROFESSOR							
2	WALLACE B NELSON	T 27,400	100	4,566	100	4,566	9,132
5	THOMAS E HOLLAND	T 24,300	100	4,050	100	4,050	8,100
4	WALTER E MULLENDORE	T 22,500	050	1,875	050	1,875	3,750
5	WILLIAM C REHER	T 21,900	100	3,650			3,650
5	JOAN M MCCREA	T 21,560	100	3,593	100	3,593	7,186
3	MARNA K CARNEY	T 21,030	100	3,505	100	3,505	7,010
ASSU PROFESSOR							
9	GHAZI DUWAJI	T 21,470	100	3,578	100	3,578	7,156
0	JOHN B MCCALL	T 21,200	100	3,533	100	3,533	7,066
1	PAUL M HAYASHI	T 20,500	100	3,416	100	3,416	6,832
2	LAWRENCE F ZIEGLER	T 20,000	100	3,333	100	3,333	6,666
ASST PROFESSOR							
4	CHARLES M HARGROVE	16,500	100	2,750	100	2,750	5,500
5	RICHARD WILSON	T 13,500	050	1,125	050	1,125	2,250
6	WALTER R SHUTTEE	T 12,650			100	2,108	2,108
GRADUATE TEACHING ASST							
4	DAVID EISENSTARK	6,120	050	510			510
TOTAL				44,084		42,032	86,116

DEGREE OF ENGINEERING

M	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
413 AEROSPACE ENGINEERING							
PROFESSOR AND CHAIRMAN							
	DONALD D SEATH	T 23,200	100	3,866	100	3,866	7,732
PROFESSOR							
A	JOSEPH W DALLEY	T 23,700	050	1,975	050	1,975	3,950
	JACK E FAIRCHILD	T 22,960	033	1,275	100	3,826	5,101
	FRED R PAYNE	T 20,600	067	2,288	067	2,288	4,576
	J H GAINES	T 19,540	100	3,256	033	1,085	4,341
ASSO PROFESSOR							
	DONALD R WILSON	T 17,330	067	1,925	067	1,925	3,850
	JOSEPH J STANOVSKY	T 16,540	100	2,756	033	919	3,675
	TOTAL			17,341		15,884	33,225

DEGREE OF ENGINEERING

M	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
414 BIOMEDICAL ENGINEERING							
ASST PROFESSOR							
	JOHN R AXE	16,000	050	1,333	050	1,333	2,666
	Mechanical Engineering		050	(1,333)	050	(1,333)	
	SUB-TOTAL			1,333		1,333	2,666
UNALLOCATED TEACHING SALARIES							
B	GRADUATE TEACHING ASSTS						1,164
	TOTAL			1,333		1,333	3,830

GE OF ENGINEERING

- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
16 CIVIL ENGINEERING					
PROFESSOR AND CHAIRMAN					
NOEL J EVERARD	T	27,000	100 4,500	100 4,500	9,000
PROFESSOR					
JOHN J HAYNES	T	25,800	100 4,300	100 4,300	8,600
TSENG HUANG	T	23,900	100 3,983	100 3,983	7,966
ASSO PROFESSOR					
SYED R QASIM	T	20,200	067 2,244	067 2,244	4,488
MAX SPINDLER	T	18,000	100 3,000	100 3,000	6,000
ROBERT L YUAN	T	17,800	100 2,966	100 2,966	5,932
FRANK M SMITH JR	T	17,100	100 2,850	100 2,850	5,700
ASST PROFESSOR					
JOHN H MATTHYS		16,000	100 2,666	100 2,666	5,332
THOMAS M PETRY		15,350	100 2,558	100 2,558	5,116
OTTO A FAJARDO		15,000	100 2,500	100 2,500	5,000
SUB-TOTAL			31,567	31,567	63,134
UNALLOCATED TEACHING SALARIES					
C LECTURERS					3,200
B GRADUATE TEACHING ASSTS					16,720
TOTAL			31,567	31,567	83,054

DEGREE OF ENGINEERING

1	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY		
420 ENGINEERING GRAPHICS							
PROFESSOR							
	GROVER C GRUBB	T 17,100	100	2,850	100	2,850	5,700
ASSO PROFESSOR							
	CHARLES H CONNALLY	T 17,800	050	1,483			1,483
	C W CRENSHAW	T 16,100	100	2,683	100	2,683	5,366
	TOTAL			7,016		5,533	12,549

EGE OF ENGINEERING

4	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
433 MECHANICAL ENGINEERING							
PROFESSOR AND CHAIRMAN							
	HENRY R SEBESTA	T 24,800	100	4,133			4,133
PROFESSOR							
	CALVIN L BARKER	T 21,600	050	1,800	050	1,800	3,600
	CARL D WISEMAN	T 20,950	050	1,745	100	3,491	5,236
5	KENT L LAWRENCE	T 20,880	025	870	025	870	1,740
7	CHARLES C BLACKWELL JR	T 20,740	100	3,456	100	3,456	6,912
3	A HAJI-SHEIKH	T 20,420	100	3,403	100	3,403	6,806
ASSO PROFESSOR							
9	DAVID A HULLENDER	T 18,670	050	1,555	050	1,556	3,111
0	TOMMY J LAWLEY	T 18,670	067	2,074	067	2,074	4,148
1	ROBERT M JOHNSON	T 17,900	100	2,983	100	2,983	5,966
2	ROBERT L WOODS	T 17,580	050	1,465	050	1,465	2,930
ASST PROFESSOR							
6	KENNETH HALLIDAY	15,500	100	2,583	100	2,583	5,166
8	GHAZI DARKAZALLI	15,500	067	1,722	067	1,722	3,444
1	JOHN R AXE	16,000	050	1,333	050	1,333	2,666
	Biomedical Engineering		050	(1,333)	050	(1,333)	
	SUB-TOTAL			29,122		26,736	55,858
UNALLOCATED TEACHING SALARIES							
2B	GRADUATE TEACHING ASSTS						10,178
	TOTAL			29,122		26,736	66,036

SE OF ENGINEERING

- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
35 ELECTRICAL ENGINEERING					
PROFESSOR AND CHAIRMAN					
FLOYD L CASH	T	26,800	100 4,466	100 4,466	8,932
PROFESSOR					
MO-SHING CHEN	T	26,130	050 2,178	050 2,177	4,355
STEPHEN F CRUMB	T	24,825	100 4,137	100 4,137	8,274
CHARLES W JILES	T	23,750	100 3,958	100 3,958	7,916
JOE D SPRADLIN	T	21,000	100 3,500		3,500
K R RAO	T	20,500	100 3,416	100 3,416	6,832
VISTING PROFESSOR					
JEFFREY H COLLINS		30,000	100 5,000	100 5,000	10,000
ASSU PROFESSOR					
JACK FITZER	T	20,500	050 1,708	050 1,708	3,416
DONALD L CANNON	T	18,200	075 2,275	075 2,275	4,550
Computer Science			025 (758)	025 (758)	
ASST PROFESSOR					
WILLIAM E DILLON		17,000	050 1,416	050 1,416	2,832
SUB-TOTAL			32,054	28,553	60,607
UNALLOCATED TEACHING SALARIES					
3 GRADUATE TEACHING ASSTS					
TOTAL			32,054	28,553	65,191

GE OF ENGINEERING

- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY		SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY		TOTAL SALARY
40 INDUSTRIAL ENGINEERING							
PROFESSOR AND CHAIRMAN							
	GLADSTONE T STEVENS JR	T 23,800	100	3,966	100	3,966	7,932
PROFESSOR							
	FRANCE A MEIER	T 23,280	050	1,940	050	1,940	3,880
ASSO PROFESSOR							
A	LARRY E STANFEL	T 23,200	100	3,866	100	3,866	7,732
	ROBERT D DRYDEN	T 20,150	100	3,358	100	3,358	6,716
	HERBERT W CORLEY	T 19,600	050	1,633	050	1,633	3,266
ASST PROFESSOR							
A	S DEIVANAYAGAM	16,500	100	2,750	100	2,750	5,500
SUB-TOTAL				17,513		17,513	35,026
UNALLOCATED TEACHING SALARIES							
B	GRADUATE TEACHING ASSTS						7,449
TOTAL				17,513		17,513	42,475

GE OF ENGINEERING

- PAYROLL TITLE -		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
NAME			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
45 COMPUTER SCIENCE							
ASSO PROFESSOR							
	MELVIN L PIERCE	T 19,200	025	800	025	800	1,600
	ROGER WALKER	T 18,870	100	3,145	100	3,145	6,290
	DON CANNON Electrical Engineering	T 18,200	025 075	758 (2,275)	025 075	758 (2,275)	1,516
A	KURT A SCHEMBER	T 17,000	033	944	033	944	1,888
ASST PROFESSOR							
	TED M SPARR	17,030	100	2,838	100	2,838	5,676
	STEPHEN A UNDERWOOD	17,000	100	2,833	100	2,833	5,666
	RONNIE G WARD	16,600	100	2,766	100	2,766	5,532
	JAMES R RINEWALT	15,400	100	2,566	100	2,566	5,132
	SUB-TOTAL			16,650		16,650	33,300
UNALLOCATED TEACHING SALARIES							
C	LECTURERS						1,800
B	GRADUATE TEACHING ASSTS						6,356
	TOTAL			16,650		16,650	41,456

INAL JUSTICE PROGRAM

- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
		PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
30 CRIMINAL JUSTICE						
PROFESSOR						
JAMES W STEVENS	T 21,000	100	3,500	060	2,100	5,600
ASSO PROFESSOR						
MARY ALMORE	T 19,900	100	3,316			3,316
ALLAN K BUTCHER	T 18,890	100	3,148	100	3,148	6,296
ASST PROFESSOR						
JOHN R PRICE	17,700	100	2,950			2,950
GILBERT SMITH	15,140	100	2,523	100	2,523	5,046
ILANA HADAR	13,800	023	529			529
TOTAL			15,966		7,771	23,737

12540

- PAYROLL TITLE -		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY		SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY		TOTAL SALARY
NAME							
40 INSTITUTE OF URBAN STUDIES							
PROFESSOR							
PAUL N GEISEL	T	22,150	100	3,691	038	1,402	5,093
ASSO PROFESSOR							
DELBERT TAEBEL	T	20,830	100	3,471			3,471
ASST PROFESSOR							
DANIEL GEORGES		16,500	100	2,750	100	2,750	5,500
SCOTT CUMMINGS		15,800	100	2,633			2,633
MARK ROSENTRUB		15,800	100	2,633			2,633
TOTAL				15,178		4,152	19,330

12620

- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY		SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY		TOTAL SALARY
20 GRADUATE SCHOOL OF SOCIAL WORK						
PROFESSOR						
JAMES W CALLICUTT	T 24,300	100	4,050	100	4,050	8,100
ANTHONY J ARANGIO	T 21,300	050	1,775	050	1,775	3,550
ASSO PROFESSOR						
JOHN M DALEY JR	T 20,450	025	852	025	852	1,704
MARY HUNTER	T 19,620			050	1,551	1,551
LILA B HAGINS	T 17,800	067	1,977			1,977
ASST PROFESSOR						
GEORGE AYERS	19,000	025	791	025	791	1,582
VIRGINIA R BROOKS	16,000	025	666	025	667	1,333
DONALD K GRANVOLD	17,650	050	1,470			1,470
ABIGAIL C NICHOLS	17,550			050	1,462	1,462
JEANNINE H SANCHEZ	17,550	050	1,462			1,462
DAVID MALDORADO	17,455	050	1,454			1,454
THOMAS D WATTS	17,400	050	1,450			1,450
JAMES KERSEY	16,890			067	1,876	1,876
GARY J WELCH	16,500			100	2,750	2,750
MARY C SHANNON	17,300	100	2,883	100	2,883	5,766
RAYMOND F MARTINEZ	16,500			050	1,375	1,375
TOTAL			18,830		20,032	38,862

12720

- PAYROLL TITLE -		9 MDS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY		SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY		TOTAL SALARY	
NAME								
20 ARCHITECTURE & ENVIRONMENTAL								
PROFESSOR								
	GEORGE S WRIGHT	T	25,000	100	4,166	100	4,166	8,332
ASSO PROFESSOR								
	JOE DANIEL SPEARS	T	20,000	100	3,333	100	3,333	6,666
	JOEL B GOLDSTEEN		19,000	100	3,166	100	3,166	6,332
	RICHARD B FERRIER	T	17,000	100	2,833	100	2,833	5,666
	FRANK L MORELAND	T	16,000	050	1,333	050	1,333	2,666
	JAY C HENRY	T	16,000	050	1,333	050	1,333	2,666
	RICHARD D MCBRIDE		15,400	050	1,283	050	1,283	2,566
ASST PROFESSOR								
A	ROBERT H NORRIS III		18,500	050	1,541	050	1,542	3,083
	CATHY B ALLGEIER		15,500	050	1,291	050	1,292	2,583
	WILLIAM S AUSTIN		13,800	100	2,300	100	2,300	4,600
	ROBERT YINGLING		13,000	100	2,166	100	2,166	4,332
	BILL W BOSWELL		13,000	100	2,166	100	2,166	4,332
	CHESTER I DUNCAN JR		16,500	050	1,375	050	1,375	2,750
LECTURER								
3	ANDREZEJ PIVNO		17,000	050	1,416	050	1,417	2,833
TOTAL					29,702		29,705	59,407

12820

- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
		PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
20 NURSING						
ASSO PROFESSOR						
HAZEL E JAY	T 18,800	100	3,133	100	3,133	6,266
MARY A LANE	T 18,200			100	3,033	3,033
ASST PROFESSOR						
PAUL WOBBE	17,500	100	2,916	100	2,916	5,832
.....	17,500	100	2,916			2,916
ROBERTA WOBBE	16,000	100	2,666	100	2,666	5,332
EVELYN WORMSER	14,800	100	2,466			2,466
MAJEL M CARTER	14,800	100	2,466	100	2,466	4,932
JUDITH M D KINDEL	14,800	100	2,466			2,466
SARA B MOORE	15,400	100	2,566			2,566
SHANNON G SINGER	15,200	100	2,533			2,533
PATRICIA A SOMMER	14,800	100	2,466			2,466
JUDY P SPINELLA	14,800	100	2,466			2,466
YVONNE B VERNON	14,800	100	2,466			2,466
BARBARA J HETTINGER	14,800	100	2,466			2,466
INSTRUCTOR						
DONNA L FOWLER	13,600	100	2,266	100	2,266	4,532
CAROLYN C MARGRAF	13,600	100	2,266			2,266

12820

- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
		PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
20 NURSING						
ASSISTANT INSTRUCTOR						
EMMA BONNET	11,600	100	1,933			1,933
DOROTHY TURPIN	12,000	100	2,000			2,000
INSTRUCTOR						
VAN G CHAUVIN	14,250	100	2,375	100	2,375	4,750
ANITA R DIERENOW	12,700	100	2,116			2,116
TOTAL			46,948		18,855	65,803

TOTAL SUMMER SCHOOL SALARIES-
EDUCATIONAL AND GENERAL

\$1,734,862

THE UNIVERSITY OF TEXAS AT AUSTIN

Office of the President

March 18, 1977

Mr. E. D. Walker
Deputy Chancellor
The University of Texas System
601 Colorado

Dear Mr. Walker:

The docket for the April 15, 1977, meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

Sincerely yours,



Lorene L. Rogers
President

LLR/aj
Attachment

THE UNIVERSITY OF TEXAS AT AUSTIN

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April 15, 1977

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GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
 April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
7	Bristol Laboratories Division of Bristol-Myers Company Dr. Paul Eleftheriou Medical Research Associate Post Office Box 657 Syracuse, New York 13201	College of Pharmacy Contribution in support of the research and graduate program in the College of Pharmacy	\$ 9,000.00
8	*H. E. Butt Grocery Company Post Office Box 9216 Corpus Christi, Texas 78408	College of Business Administration Third installment on pledge of \$50,000 in support of the Endowed Rooms Program	10,000.00
9	*H. E. Butt Grocery Company Post Office Box 9216 Corpus Christi, Texas 78408	College of Business Administration Contribution to establish the H. E. Butt Grocery Company Scholarship Fund	5,000.00
10	Rocco C. Caffarelli Educational Trust Frost National Bank George Blair Vice President Post Office Box 1600 San Antonio, Texas 78296	U. T. Austin Contribution for scholarships for eight designated students	7,905.00
11	Celanese Chemical Company W. J. Humphrey Industrial Associates Representative Box 9077 Corpus Christi, Texas 78408	College of Engineering Contribution in support of the Industrial Associates Program	10,000.00
12	Mr. and Mrs. C. Fred Chambers 6026 Stones Throw Houston, Texas 77057	School of Law Gift of 600 shares of C & K Petroleum, Inc. Common Stock for unrestricted use	10,200.00**
13	Chevron Oil Field Research Company L. W. Thrasher Vice President Production Research Post Office Box 446 La Habra, California 90631	College of Engineering Contribution to the Bureau of Engineering Research for support of project entitled "Simulation of Lateral Pile Behavior"	10,000.00

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
 April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
14	Chevron Oil Field Research Company L. W. Thrasher Vice President Production Research Post Office Box 446 La Habra, California 90631	College of Engineering Contribution to the Bureau of Engineering Research for support of research project in the Department of Civil Engineering entitled "Simulation of Lateral Pile Behavior Under Earthquake Motion"	\$ 5,000.00
15	*Clayton Foundation for Research 2100 West Loop South Suite 810 Houston, Texas 77027	Clayton Foundation Biochem- ical Institute Quarterly contribution toward cost of coordinating curriculum of students performing services for the Biochemical Institute for the period commencing December 1, 1976	11,000.00
16	College Entrance Exami- nation Board Stephen J. Wright Director 888 Seventh Avenue New York, New York 10019	U. T. Austin Contribution for scholarships for eight designated students	6,007.00
17	*C. J. Davidson 1004 Continental Life Building Fort Worth, Texas 76102	College of Natural Sciences Contribution to the Department of Home Economics for the Davidson Family Scholarships in Home Economics	5,000.00
18	E. I. du Pont de Nemours & Company, Inc. C. W. Theobald Vice Chairman and Executive Director Committee on Educational Aid Wilmington, Delaware 19898	College of Engineering Contribution in support of the Equal Opportunity in Engineering Program	10,000.00
19	Mr. and Mrs. J. A. Elkins, Jr. Post Office Box 2557 Houston, Texas 77001	College of Business Administration Gift of 300 shares of The Atlantic Refining Company Common Stock to complete pledge of \$50,000 to the Graduate School of Business	17,381.25**

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
 April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
20	Ethyl Corporation Charles H. Zeanah Director Corporate Public Relations 330 South Fourth Street Richmond, Virginia 23217	College of Engineering Contribution to complete \$20,000 commitment to the Chair of Free Enterprise	\$10,000.00
21	Exxon Company, U.S.A. J. D. McMillan Public Affairs Department Post Office Box 2180 Houston, Texas 77001	Lyndon B. Johnson School of Public Affairs Contribution to complete the pledged funding of the Texas Natural Areas Survey	20,000.00
22	Exxon Education Foundation Frederick deW. Bolman Executive Director 111 West 49th Street New York, New York 10020	U. T. Austin Contribution for grants to: Department of Chemical Engineering \$10,000 Department of Chemistry 5,000	15,000.00
23	Exxon Production Research Company J. B. Coffman Vice President-Exploration Post Office Box 2189 Houston, Texas 77001	Marine Science Institute Contribution in support of the Industrial Associates Program of the Marine Science Institute, Geophysics Laboratory	20,000.00
24	Faith Foundation W. H. Hodges Post Office Box 7 Houston, Texas 77001	College of Natural Sciences First payment on \$75,000 grant to the Division of Biological Sciences for the research of The Cell Research Institute	28,125.00
25	*The William Stamps Farish Fund 1100 Milam Building Suite 2405 Houston, Texas 77002	U. T. Austin Contribution for the W. D. Blunk Memorial Fund	10,000.00
26	L. D. Gale/Edwin M. Gale Partnership Edwin M. Gale, President Warren Refrigerators Post Office Box 3928 Beaumont, Texas 77704	College of Business Administration Third payment on pledge of \$20,000 for the Center for Entrepreneurial Studies	5,000.00

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GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
 April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
27	The General Electric Foundation Richard E. Kramer, Jr. Associate Administrator 1285 Boston Avenue Bridgeport, Connecticut 06602	College of Engineering Gift of 441 shares of General Electric Company unregistered stock and a check of \$83.50 representing grants supporting: Center for Energy Studies \$20,000 Equal Opportunity in Engineering Program	\$25,000.00** 5,000
28	Goldrus Drilling Company Jacqueline M. Reeves Secretary to Mr. Warren 900 First City National Bank Building Houston, Texas 77002	College of Engineering Contribution to the College of Engineering Foundation for the Chair of Free Enterprise	5,000.00
29	Dr. Richard J. Gonzalez 48 Tiel Way Houston, Texas 77019	U. T. Austin Income (securities-\$48,552**; cash-\$1,753) from the Loraine O'Gorman Gonzalez Trust created by the Will of Loraine O'Gorman Gonzalez for the unrestricted use of UT-Austin	50,305.00**
30	*Gulf Oil Foundation Gulf Building Pittsburgh, Pennsylvania 15230	Division of General and Comparative Studies Contribution to the Center for Middle Eastern Studies repre- senting final payment on commitment of \$23,700	7,900.00
31	John P. Harbin 3211 Southland Center Dallas, Texas 75201	College of Business Administration Gift of 76 shares of Halliburton Company Common Stock to the College of Business Administration Foundation to fulfill 1976 commit- ment	5,020.56**
32	*Dr. George S. Heyer, Jr. 2421 Wooldridge Drive Austin, Texas 78703	College of Fine Arts Contribution to complete the funding of the <u>E. W. Doty</u> <u>Endowed Professorship</u>	5,000.00

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GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
 April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
33	Houston Oil & Minerals Corporation J. C. Walter, Jr. President 242 The Main Building 1212 Main Houston, Texas 77002	College of Engineering Contribution to the College of Engineering Foundation for the Chair of Free Enterprise representing the first of three annual installments to be paid on pledge of \$60,000	\$20,000.00
34	International Business Machines Corporation Warren Edwards Academic Relations San Jose Research Laboratory 5600 Cottle Road San Jose, California 95193	College of Natural Sciences Contribution of \$4,689 funding IBM Predoctoral Fellowship for Mr. Jerry Baker in the Department of Computer Sciences and a \$2,000 unrestricted departmental research grant	6,689.00
35	*The Lyndon Baines Johnson Foundation 2313 Red River Austin, Texas 78705	Lyndon B. Johnson School of Public Affairs Contribution for the Dean's Discretionary Fund	10,000.00
36	The Lyndon Baines Johnson Foundation Mike Naeve Associate Director 2313 Red River Austin, Texas 78705	Lyndon B. Johnson School of Public Affairs Contribution for six Moody Foundation Fellowships	11,344.00
37	The Lyndon Baines Johnson Foundation Mike Naeve Associate Director 2313 Red River Austin, Texas 78705	Lyndon B. Johnson School of Public Affairs Contribution for four Armand Hammer Fellowships	12,000.00
38	The Lyndon Baines Johnson Foundation Mike Naeve Associate Director 2313 Red River Austin, Texas 78705	Lyndon B. Johnson School of Public Affairs Contribution for the Dean Rusk Chair	15,000.00

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
 April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
39	The Lyndon Baines Johnson Foundation Mike Naeve Associate Director 2313 Red River Austin, Texas 78705	Lyndon B. Johnson School of Public Affairs Contribution in support of: <u>Activity 1, Congressional Internship program</u> <u>Activity 4, International Policy Study</u>	\$ 10,000.00 \$4,000 6,000
40	The Lyndon Baines Johnson Foundation Mike Naeve Associate Director 2313 Red River Austin, Texas 78705	Lyndon B. Johnson School of Public Affairs Contribution for the 1977 spring semester Moody Foundation Fellowships	9,056.00
41	The Jack S. and Elva J. Josey Foundation Jack S. Josey 504 Waugh Drive Houston, Texas 77019	College of Engineering Contribution representing second payment toward endowment of the Jack S. Josey Professorship in Energy Studies	10,000.00
42	*The Jack S. and Elva J. Josey Foundation Jack S. Josey 504 Waugh Drive Houston, Texas 77019	College of Humanities Contribution to the Harry H. Ransom Award for Teaching Excellence	5,000.00
43	Joe J. King 853 Main Building Houston, Texas 77002	College of Engineering Gift of 200 shares of Tenneco Inc. Common Stock for the Alfred and Nellie King Graduate Fellowship	6,850.00**
44	Dr. and Mrs. George Kozmetsky 1001 West 17th Street Austin, Texas 78701	College of Business Administration Contribution for the Ronya and George Kozmetsky Excellence Fund	15,000.00
45	*Dr. and Mrs. George Kozmetsky 1001 West 17th Street Austin, Texas 78701	College of Business Administration Contribution for the Ronya and George Kozmetsky Excellence Fund	140,000.00

with the name of J. King

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
 April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
46	Marathon Oil Company Fred G. Knight Associate Research Director Denver Research Center Post Office Box 269 Littleton, Colorado 80120	Marine Science Institute Contribution in support of the Industrial Associates Program of the Marine Science Institute, Geophysics Laboratory	\$20,000.00
47	R. W. McKinney General Contractor 2200 North Street Nacogdoches, Texas 75961	College of Engineering Contribution for: Chair of Free Enterprise Transportation costs of one bus bringing Houston students to the "World of Engineering" exposition	5,391.00 \$5,000 391
48	Frank W. Michaux 4115 One Shell Plaza Houston, Texas 77002	College of Natural Sciences Contribution to the Department of Geological Sciences for the Michaux Scholarship Fund	5,000.00
49	Mobil Foundation Mobil Exploration and Producing Services Inc. Louis Castelli Post Office Box 900 Dallas, Texas 75221	College of Business Administration Unrestricted contribution in support of the Community Business Advisory Service Project	5,000.00
50	*Mobil Foundation, Inc. 150 East 42nd Street New York, New York 10017	Division of General and Comparative Studies Contribution in support of the Center for Middle Eastern Studies	5,000.00
51	Mobil Oil Corporation C. M. Klaerner President International Division 150 East 42nd Street New York, New York 10017	College of Engineering Contribution in support of the Industrial Associates Program	15,000.00
52	The Moody Foundation Nancy H. Platt, Supervisor Scholarship Programs Moody Bank Building Galveston, Texas 77550	U. T. Austin Contribution for scholarships for 46 designated students	15,600.00

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
April 15, 1977

*added
amount appears*

DONOR	PURPOSE AND CONDITIONS	AMOUNT
53 *Parker Drilling Company 518 National Bank of Tulsa Building Tulsa, Oklahoma 74103	College of Engineering Contribution to the College of Engineering Foundation for the Chair of Free Enterprise	\$ 5,000.00
54 Jack and Katherine Pearce Educational Foundation Bryan F. Williams, Jr. Chairman Post Office Box 179 Galveston, Texas 77550	U. T. Austin Contribution in accordance with agreement between the Jack and Katherine Pearce Educational Foundation and the Board of Regents of The University of Texas System approved March 5, 1973, to provide assistance for student housing	7,500.00
55 Phillips Petroleum Company R. G. Rhodes M. D. Voss Bartlesville, Oklahoma	U. T. Austin College of Engineering: Contribution in support of the Industrial Associates Program \$3,500 College of Natural Sciences for unrestricted use by: Department of Chemistry 500 Department of Geological Sciences 500 College of Business Admin- istration for unrestricted use 500	5,000.00
56 Phillips Petroleum Company J. W. Davison Vice President Research and Development Bartlesville, Oklahoma 74004	Marine Science Institute Contribution in support of the Industrial Associates Program of the Marine Science Institute, Geophysics Laboratory	20,000.00
57 Phillips Petroleum Company R. G. Rhodes M. D. Voss Bartlesville, Oklahoma 74004	College of Engineering Contribution in support of the Industrial Associates Program	6,500.00
58 Mr. and Mrs. B. M. Rankin, Jr. 16444 Ashbourne Drive Dallas, Texas 75248	U. T. Austin Gift of 500 shares of McMoRan Exploration Company Common Stock to the Athletic Department for the discretionary use of the Athletic Director to provide scholar- ships to athletes who have completed their four years of scholastic eligibility	5,843.75**

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
 April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
59	*Resources for the Future, Inc. 1755 Massachusetts Avenue, N.W. Washington, D. C. 20036	College of Social and Behavioral Sciences Contribution representing \$4,500 for a doctoral disser- tation fellowship in natural resources for Raymond W. Smilor and \$500 for an expense allowance	\$ 5,000.00
60	Rotan Mosle Inc. H. Malcolm Lovett, Jr. Senior Vice President and Treasurer 1500 South Tower Pennzoil Place Houston, Texas 77002	College of Business Administration Unrestricted contribution to the College of Business Administra- tion Foundation	5,000.00
61	Schlumberger Foundation E. N. West Executive Secretary 2300 West Loop South Houston, Texas 77027	U. T. Austin Contribution for two Schlumberger Foundation Scholarships for 1976-77	8,000.00
62	Teledyne, Inc. Robert S. Bell Vice President 1901 Avenue of the Stars Los Angeles, California 90067	College of Business Administration Contribution to match the gift of Dr. George Kozmetsky	7,000.00
63	*Tenneco Oil Company Post Office Box 2511 Houston, Texas 77001	Marine Science Institute Contribution in support of the Industrial Associates Program of the Marine Science Institute, Geophysics Laboratory	20,000.00
64	The Texas Interscholastic League Foundation Rhea H. Williams Secretary Box 8028 University Station Austin, Texas 78712	U. T. Austin Contribution for scholarships for 73 designated students	23,300.00

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
 April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
65	Texas Life Insurance Association Dawson Sterling Secretary-Treasurer c/o American General Life Insurance Company Post Office Box 1931 Houston, Texas 77001	College of Business Administration Contribution representing \$7,500 for supplemental salary for Professor Eugene Wisdom and \$400 for compensation for teaching assistants	\$ 7,900.00
66	Texas Utilities Generating Company Richard L. White Manager of Environmental Services Post Office Box 948 Fairfield, Texas 75840	College of Natural Sciences Contribution to the Department of Geological Sciences to support the study conducted by Lawrence N. French entitled "Hydrology and Quality of Groundwater at the Lignite Strip Mines near Fairfield, Texas"	10,412.00
67	Texas Utilities Services, Inc. P. G. Brittain President 2001 Bryan Tower Dallas, Texas 75201	College of Engineering Contribution to the Bureau of Engineering Research for support of project entitled "In Situ Conversion of Texas Lignite to Synthetic Fuels"	25,000.00
68	Texas Utilities Services, Inc. P. G. Brittain President 2001 Bryan Tower Dallas, Texas 75201	College of Engineering Third of three annual payments to the Bureau of Engineering Research for support of the project entitled "Geothermal Research Program"	50,000.00
69	Touche Ross Foun- dation Henry C. Korff Secretary/Treasurer 1633 Broadway New York, New York 10019	College of Business Administration Payment on \$50,000 grant to the College of Business Administration Foundation to fund research by Dr. George M. Scott of the Department of Accounting for the "Current- Value Accounting Research Project"	15,000.00

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
70	Touche Ross Foundation Henry C. Korff Secretary/Treasurer 1633 Broadway New York, New York 10019	College of Business Administration Completion of \$50,000 grant to the College of Business Administration Foundation to fund research by Dr. George M. Scott of the Department of Accounting for the "Current-Value Accounting Research Project"	\$35,000.00
71	R. B. Trull Post Office Box W Palacios, Texas 77465	U. T. Austin Gift of 140 shares of Houston Oil & Minerals Corporation Common Stock in support of: Development Projects and Publications \$5,607.50 The President's Associates 500.00	6,107.50**
72	Mrs. Paul R. Turnbull 1600 The 600 Building Corpus Christi, Texas 78401	College of Business Administration Final payment on pledge of \$50,000 for support of the <u>Institute for Constructive Capitalism</u>	25,000.00
73	The University of Texas Foundation, Inc. Post Office Box 8060 Austin, Texas 78712	College of Business Administration Final payment on Applied Devices Corporation Note B debenture held by U. T. Foundation, Inc. for the benefit of the College of Business Administration	15,625.00
74	*Willco Foundation, Inc. National Bank of Tulsa Building Tulsa, Oklahoma 74103	College of Engineering Contribution to the College of Engineering Foundation for the Chair of Free Enterprise	10,000.00
75	Worthing Scholarship Fund First International Bank Mrs. Elizabeth Henson Administrative Assistant Post Office Box 2555 Houston, Texas 77001	U. T. Austin Contribution for scholarships for eleven designated students	5,500.00

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GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
76	Arthur Young & Company Richard W. Morris 2200 Fort Worth National Bank Building Fort Worth, Texas 76102	College of Business Administration Payment on pledge to establish the Arthur Young Distinguished Professorship Fund in the Depart- ment of Accounting	\$7,577.50
The following nonmonetary gifts have also been received:			
77	Dr. Roger D. Abrahams 506 Grace Lane No. 4 Austin, Texas 78746	Division of General and Comparative Studies Gift of a collection of books on folklore for the Center for Intercultural Studies in Folk- lore and Ethnomusicology	3,203.50**
78	*Albert W. Bicknell Hibben, Noyes & Bicknell, Ltd. 332 South Michigan Avenue Chicago, Illinois 60604	Humanities Research Center Gift of a collection of scrapbooks for the Hoblitzelle Theatre Arts Library	3,500.00**
79	Mrs. Camilla D. Blaffer 2 Briarwood Houston, Texas 77019	Humanities Research Center Gift of a set of Boileau Despreaux <u>Complete Works</u> for the French materials in the Humanities Research Center Library	100.00**
80	*King Nam Chan Teknica Resource Develop- ment, Ltd. 412 - 339 6th Avenue SW Calgary, Alberta T2P 0R8 Canada	Marine Science Institute Gift of numerous books to the Geophysics Library Collection of the Marine Science Institute, Geophysics Laboratory	75.00**
81	Mr. and Mrs. Charles D. Clark 404 Lindberg Avenue McAllen, Texas 78501	University Art Museum Gift of 15 graphics, one limited edition art folio, 13 art books and 15 art catalogues	5,192.07**
82	*Betty R. Costley-Oyer- vides 1449 B College Drive Waco, Texas 76708	Humanities Research Center Gift of a collection of theatrical programs and magazines for the Hoblitzelle Theatre Arts Library	150.00**

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
 April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
83	*Dr. W. H. Crain 2511 San Gabriel Austin, Texas 78705	Humanities Research Center Gift to the Hoblitzelle Theatre Arts Library of a collection of three posters, six books, one collection of catalogues, an original watercolor scene design by James Reynolds, five autograph letters from Adolphe Appia to Herbert Biberman and one letter from Jean Binet to Biberman	\$ 1,645.00**
84	*R. E. G. Davies 4240 Park Newport Apartment 204 Newport Beach, California 92660	Humanities Research Center Gift of a collection of aviation materials for the History of Aviation Collection	800.00**
85	*E. L. Goldbeck 139 Waleetka San Antonio, Texas 78210	Humanities Research Center Gift of a collection of cameras for the Photography Collection	630.00**
86	*Adrian Goldstone 35 Lee Street Mill Valley, California 94941	Humanities Research Center Gift of a collection of books about books for the Humanities Research Center Library	485.00**
87	*Kenneth Hopkins 12 New Road North Walsham Norfolk NR28 9DF England	Humanities Research Center Gift to the Humanities Research Center Library of a collection consisting of material relating to H. Pearl Adam and "The Saturdays"	8,500.00**
88	Professor Joseph Jones Department of English The University of Texas at Austin Austin, Texas 78712	Humanities Research Center Gift of a collection of ephemera relating to Africa, Australia, Canada, The Commonwealth in general, New Zealand, and the West Indies for the Humanities Research Center Library	1,750.00**
89	*Fred George Klerekoper 1847 Coronado Hill Drive Austin, Texas 78752	Humanities Research Center Gift of a Dutch Bible dated 1873	150.00**
90	Carlton Lake 393 Heath Street Chestnut Hill, Massachu- setts 02167	Humanities Research Center Gift of a collection of the work of Marcel Duchamp for the Lake Collection of French materials	40,000.00**

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
April 15, 1977

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
91	Dr. William C. Levin President, The University of Texas Medical Branch at Galveston Galveston, Texas 77550	U. T. Austin Gift to the General Libraries of a book entitled <u>The Image of the Black in Western Art: I- From the Pharaohs to the Fall of the Roman Empire</u>	\$ 65.00**
92	*Dr. C. L. Lundell 7043 Desco Drive Dallas, Texas 75225	Humanities Research Center Gift of a collection of Botanical and Natural History books for the Lundell Library in the Humanities Research Center Library	640.00**
93	*Bertram Minkin 110 East 30th Street Austin, Texas 78705	Humanities Research Center Gift of a collection of personal papers and correspondence pertaining to Mr. Minkin's own poetry	175.00**
94	*Colonel Mark T. Muller 4303 Woodway Drive Austin, Texas 78731	Humanities Research Center Gift of a collection of photo- graphic equipment for the Photography Collection	4,783.00**
95	Robert Rauschenberg Robert Rauschenberg, Inc. Post Office Box 54 Captiva, Florida 33924	University Art Museum Gift of the "New York Collection for Stockholm Portfolio"	3,000.00**
96	Mr. and Mrs. Alvin Romansky 5555 Del Monte Houston, Texas 77056	University Art Museum Gift of a collection of various lithographs and portfolios	7,700.00**
97	C. R. Smith 2358 Massachusetts Avenue, N.W. Washington, D. C. 20008	University Art Museum Gift of 36 works of art of the American West	506,250.00**
98	*Mr. and Mrs. Allan Tanner 1415 Fairfield Drive Austin, Texas 78758	Humanities Research Center Gift of a collection of photo- graphic equipment for the Photography Collection	179.00**
99	*Teledyne Exploration Com- pany Post Office Box 36269 Houston, Texas 77036	Marine Science Institute Gift of two used magnetic tape storage racks	650.00**

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
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	DONOR	PURPOSE AND CONDITIONS	AMOUNT
100	*Dr. Albert A. Tisdale 4205 Caswell Austin, Texas 78751	U. T. Austin Gift of an extensive collection of professional journals to the Student Health Center	\$ 1,000.00**
101	Mr. and Mrs. Halsted B. VanderPoel Via Maria Cristina 2 00196 Roma Italy	Humanities Research Center Gift of research material per- taining to the <u>Codex Topograph- icum Pompeianum</u> , Parts IV and V for the Humanities Research Center Library	No Declared Value**
102	*Dr. John A. Wheeler 1801 Lavaca Apartment 3-J Austin, Texas 78701	U. T. Austin Gift to the General Libraries of the personal library of Dr. John A. Wheeler	21,772.00**
103	Lester Wunderman 575 Madison Avenue New York, New York 10022	University Art Museum Gift of a piece of Dogon Art for the teaching collection	1,250.00**
104	*Mrs. George R. Yelderman 2424 Memphis El Paso, Texas 79930	Humanities Research Center Gift to the Tom Lea Collection of a brush and Chinese ink portrait of George W. Burroughs done in 1957 by Tom Lea	6,000.00**

TRAVEL FOR FACULTY AND STAFF. The following trips are reported in accordance with Section 12 of the Budget Rules and Procedures for 1976-77 when expenses are paid from funds not specifically designated for travel; and in accordance with Section 13.33 of Chapter III of Part Two of the Rules and Regulations of the Board of Regents for the Government of The University of Texas when the absence is for a longer period than twenty-nine days.

1. Virginia Ruth Anderson
Assistant Instructor in Classics
2/25-27/77

Boston, Massachusetts
To participate in a conference on the excavations at Stobi
\$144, Academic Development Fund

2. Rodolfo Cardona
Professor and Chairman of the Department of Spanish-Portuguese
12/26/76 - 1/11/77

New York, New York and Madrid, Spain
To attend the Modern Language Association meeting in New York, and to conduct
research at the Municipal Newspaper Collection in Madrid
\$1,530; \$655 from Academic Development Fund, \$375 from Travel, and \$500 from
URI Grant

3. Jerry Harris
Director of Public Programs in the College of Fine Arts
2/16-18/77

San Antonio, Texas
To attend the National Entertainment Conference and to meet with management
artists for exchange of ideas.
\$68.96, Academic Development Fund

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TRAVEL FOR FACULTY AND STAFF:

4. Douglass Stott Parker
 Professor of Classics
 3/11-12/77
 Amarillo, Texas
 To attend the annual convention of the Texas Jr. Classical League
 \$112, Academic Development Fund

5. Edmund L. Pincoffs
 Professor and Chairman of the Department of Philosophy
 12/27-30/76
 Boston, Massachusetts
 To attend the American Philosophical Association Meeting
 \$422, Academic Development Fund

6. Edmund L. Pincoffs
 Professor and Chairman of the Department of Philosophy
 3/24-27/77
 Portland, Oregon
 To attend the Pacific Division meeting of the American Philosophical
 Association
 \$445, Academic Development Fund

7. Yolanda A. F. Russinovich Sole
 Assistant Professor of Spanish and Portuguese
 4/14-17/77
 Los Angeles, California
 To attend the VI Southwest Areal Language and Linguistics Workshop
 \$210; \$189.04 from Academic Development Fund, and \$20.96 from Travel

8. Henry J. Staten
 Assistant Instructor in English
 12/25-29/76
 New York, New York
 To attend the annual meeting of the Modern Language Association
 \$204, Academic Development Fund

9. John Martin Weinstock
 Associate Professor of Germanic Languages
 5/1-8/77
 Seattle, Washington
 To attend the annual meeting of the Society for the Advancement of
 Scandinavian Study and to attend a conference on Medieval Scandinavian
 Ballads
 \$250, Academic Development Fund

10. Douglas H. Daniels
 Assistant Professor of History
 9/19-20/76
 Fort Worth, Texas
 To conduct research at the Federal Archives
 \$87.02, Academic Development Fund

11. Vincent J. Geraci
 Assistant Professor of Economics
 1/7-11/77
 Chicago, Illinois
 To attend meeting of the American Economics Association
 \$270; \$107 from Travel, and \$163 from Academic Development Fund

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TRAVEL FOR FACULTY AND STAFF:

12. Chong S. Lee
 Assistant Professor of Zoology
 6/1-8/77
 Cold Spring Harbor, New York
 To attend Symposium on Chromatin at Cold Spring Harbor Laboratory
 \$616, Genetics Institute
13. Charles Newsom
 Laboratory Research Assistant IV in Physics
 1/3 -5/31/77
 Los Alamos, New Mexico
 To Los Alamos Meson Physics Facility to begin work on Ph.D. dissertation
 in Medium Energy Physics
 \$116, Contract AT (40-1)-2972, Task C
14. Phyllis Richards
 Professor of Home Economics
 2/25/77 only
 Dallas, Texas
 To supervise intern at Scottish Rite Hospital for Crippled Children
 \$82.50, Academic Development Fund
15. James P. Barufaldi
 Assistant Professor of Curriculum and Instruction
 3/21-28/77
 Cincinnati, Ohio
 To attend the National Association for Research in Science Teaching Annual
 Conference
 \$200; \$100 from Travel, and \$100 from Academic Development Fund
16. Winna Gene Nelson
 Student Teaching Specialist in Curriculum and Instruction
 2/2-4/77
 Atlanta, Georgia
 To attend seminar conducted by Georgia State University
 \$70, Academic Development Fund
17. Earnest F. Gloyna
 Dean of the College of Engineering
 10/24 -11/22/76
 Los Angeles, California; Hong Kong; Kuala Lumpur, Malaysia; Singapore;
 Madras, India; Bangkok, Thailand; Tokyo, Japan; Kyoto, Japan, and
 Honolulu, Hawaii
 To meet with engineers and academicians and to visit industrial sites and
 universities
 \$425, EFAC Administrative Travel
18. Larry B. Gwin
 Assistant Professor of Aerospace Engineering and Engineering Mechanics
 1/3-4/77
 Moffett Field, California
 To obtain material and information on the Structures Branch, Aerodynamics
 Branch, and Advanced Vehicle Concept Branch
 \$370, Academic Development Fund
19. Larry B. Gwin
 Assistant Professor of Aerospace Engineering and Engineering Mechanics
 5/31 - 6/2/77
 Vancouver, B. C., Canada
 To attend the 6th Canadian Congress of Applied Mechanics
 \$535, BER

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TRAVEL FOR FACULTY AND STAFF:

20. Elizabeth Z. Danehy
Assistant Professor of Art
4/2-7/77
Philadelphia, Pennsylvania
To attend a meeting of the National Art Education Association
\$175, Academic Development Fund
21. Eleanor S. Greenhill
Professor of Art
2/3-4/77
Los Angeles, California
To attend the College Art Association and the International Center of
Medieval Art meetings
\$150, Academic Development Fund
22. Caroline M. Houser
Assistant Professor of Art
12/23/76 - 1/10/77
New York, New York; Boston, Massachusetts; Princeton, New Jersey; and
Washington, D. C.
To interview applicants for Roman art and architecture faculty positions
open in the Art Department at the American Institute of Archaeology in
New York; to study Egyptian art for Art 379 in Boston, New York, and
Washington; and to conduct research for original work for publication of
monumental Greek bronze sculpture in Boston and Princeton.
\$572, Academic Development Fund
23. Caroline M. Houser
Assistant Professor of Art
1/31 - 2/6/77
Los Angeles, California
To interview job applicants for faculty positions open in the Art
Department
\$455, Academic Development Fund
24. Frederick J. Hunter
Acting Chairman of the Department of Drama
3/13-19/77
Washington, D. C.
To attend the United States Institute for Theatre Technology Conference
\$240, Academic Development Fund
25. John Reese Rothgeb
Associate Professor of Drama
3/13-19/77
Washington, D. C.
To attend the United States Institute for Theatre Technology Conference
\$240, Academic Development Fund
26. Nancy Schuller
Professional Librarian in the Department of Art
1/27 - 2/3/77
Los Angeles, California
To attend a meeting of the Art Libraries Society of North America
\$210, Academic Development Fund
27. Richard F. Townsend
Assistant Professor of Art
1/31 - 2/6/77
Los Angeles, California
To interview job applicants for faculty positions open in the Art Department
\$455, Academic Development Fund

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TRAVEL FOR FACULTY AND STAFF:

28. Jarvis W. Ulbricht
Assistant Professor of Art
4/1-6/77
Philadelphia, Pennsylvania
To attend the National Art Education Association meeting
\$454; \$244 from Attendance at Professional Meetings, and \$210 from
Academic Development Fund
29. James Leslie Wyatt
Assistant Dean in the College of Fine Arts
2/23-24/77
Houston, Texas
To attend workshop at the Houston Grand Opera Association, Inc. meeting
\$95.52, Academic Development Fund
30. C. Glenn Sparks
Dean of the Graduate School of Library Science
2/22-23/77
Dallas, Texas
To recruit minority students
\$94.76, Academic Development Fund
31. C. Glenn Sparks
Dean of the Graduate School of Library Sciences
3/6-8/77
Chapel Hill, North Carolina
To attend Conference on the Curriculum in Library Schools
\$355, Academic Development Fund
32. Grace Gonzalez
Assistant Professor of Social Work
2/27 - 3/2/77
Phoenix, Arizona
To attend the Council on Social Work Education Annual Program Meeting
\$367, Academic Development Fund
33. Bonnie McClelland
Instructor in Social Work
2/27 - 3/2/77
Phoenix, Arizona
To attend the Council on Social Work Education Annual Program Meeting
\$367, Academic Development Fund
34. Pat Ramage
Library Assistant II in Social Work
2/27 - 3/1/77
Phoenix, Arizona
To attend the Council on Social Work Education Annual Program Meeting
\$367, Academic Development Fund
35. Jerry M. Davenport
Refrigeration Mechanics in Utilities
2/24-26/77
Lake Charles, Louisiana
To attend Annual Conference of Refrigeration Service Engineers Society
\$60.50, MO&E

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TRAVEL FOR FACULTY AND STAFF:

36. Floyd H. Peterson
Refrigeration Mechanic in Utilities
2/24-26/77
Lake Charles, Louisiana
To attend the Annual Conference of Refrigeration Service Engineers Society
\$60.50, MO&E
37. Johnny B. Pokorney
Assistant Refrigeration Supervisor in Utilities
2/24-26/77
Lake Charles, Louisiana
To attend the Annual Conference of Refrigeration Service Engineers Society
\$60.50, MO&E
38. Arthur W. Weinzapfel
Refrigeration Supervisor in Utilities
2/24-26/77
Lake Charles, Louisiana
To attend the Annual Conference of Refrigeration Service Engineers Society
\$157.14, MO&E

USE OF TEXTBOOKS WRITTEN BY FACULTY. In accordance with Chapter III, Section 24 of Part One of the Regents' Rules and Regulations for the Government of The University of Texas, I recommend approval of the use of the following faculty authored books as textbooks for the 1976-77 fiscal year:

*Indicates that these books have not been previously used at the University

<u>Title</u>	<u>Author</u>	<u>Cost to Student</u>	<u>Royalty per author per volume</u>
<u>Molecular Reaction Dynamics</u>	<u>R. B. Bernstein and R. D. Levine</u>	\$10.00	\$.75
<u>*Elementary Biochemistry Laboratory</u>	Marvin L. Hackert	2.00	None
<u>An Introduction to Chemical Practice</u>	J. J. Lagowski	5.95	.48
<u>Contemporary Chemistry: science, energy, and environmental change</u>	Charles G. Wade	12.95	None
<u>Gravitation</u>	<u>J. A. Wheeler T. Misner, and M. Thorne</u>	22.50	1.50
<u>*An Introduction to Photographic Communication</u>	James B. Colson	2.60	None
<u>*Advertising, Production and Design: A Lab Manual</u>	C. Dennis Schick and Carlos F. Femat	5.00	None

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SPECIAL PARAGRAPHS:

HEW HEALTH PROFESSIONS SCHOLARSHIP. The Department of Health, Education, and Welfare; Public Health Service, has allocated an award of \$19,812 to The University of Texas at Austin College of Pharmacy's Health Professions Scholarship Program. The period of support is from July 1, 1976 to June 30, 1977, and HEW ID Number is 06L480054-77 BHL50.

PARKING AND TRAFFIC REGULATIONS AND INFORMATION POLICY REVISION. I recommend approval of the following 1976-1977 Parking and Traffic Regulations and Information revision of policy. Page 8, Section IV, Subsection K. Class H (Health) Permits should read as follows:

Class H permits will be issued without fee by the Director, Speech and Hearing Clinic or by the Director, Perceptual Motor Clinic to parents who must bring and stay with their children while they are being treated in one of these clinics. Limited space adjacent to each clinic is reserved for Class H permits, which are invalid elsewhere.

PARKING AND TRAFFIC REGULATIONS AND INFORMATION POLICY REVISION. I recommend approval of the following 1976-1977 Parking and Traffic Regulations and Information to read as follows on page 4, under II. GENERAL:

Only automobiles and light trucks bearing proper University permits may enter or park on the campus Monday through Thursday from 7:30 a.m. to 8:45 p.m., and Friday from 7:30 a.m. to 5:00 p.m. Permits for automobiles and light trucks are not required at other times or on official University holidays except where parking is restricted by posted signs. Motorcycles, motor-assisted bicycles, and motor scooters may be parked only in areas designated for these vehicles regardless of the time of day or the day of the week. Visitors and drivers of commercial vehicles may obtain temporary permits at traffic control stations. On-street parking is, of course, open to the public on streets adjacent to, but not within, the campus. Metered parking spaces may be used by automobiles and light trucks at any time except where use is restricted by posted signs. These regulations apply to all motor vehicles and must be honored at all times.

The effect of this revision will be to restrict motorcycles and similar vehicles from entering the campus during class hours and to confine parking of such vehicles to specially designated areas at all times.

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FACULTY LEGISLATION. The following legislation has been passed by the University Council or by the General Faculty. I recommend approval:

1. The University Council, on December 17, 1976, by the circularization no-protest procedure, adopted the Proposed Change in the School of Law Catalogue Regarding Completion of Application Form (D&P 6673).

Fac. changes

DOCUMENTS AND PROCEEDINGS OF THE UNIVERSITY COUNCIL

PROPOSED CHANGE IN THE SCHOOL OF LAW CATALOGUE REGARDING COMPLETION
OF APPLICATION FORM

Mr. T. J. Gibson, Faculty Secretary of the School of Law, has filed with the Secretary of the University Council the following proposed change in the School of Law Catalogue for 1976-1978 regarding completion of the application form. This legislation was approved by the faculty of the School of Law on June 2, 1976 and the Dean of the School of Law. The Secretary has classified this legislation as of exclusive application and primary interest only to a single school or college.

PROPOSED CHANGE IN THE SCHOOL OF LAW CATALOGUE REGARDING COMPLETION
OF APPLICATION FORM

Change the material included in (1) of page 36 of the 1976-1978 catalog to read as follows:

(1) The completed application form for either the Summer or Fall entering class must be mailed so that it will reach the Admissions Office on or before [~~March~~] February 1. Applications received after [~~March~~] February 1 will be considered late applications.

2. The University Council, on December 3, 1976, by the circularization no-protest procedure, adopted the Proposals to Amend the 1975-1977 Catalogue of the College of Natural Sciences (D&P 6654-6656).

DOCUMENTS AND PROCEEDINGS OF THE UNIVERSITY COUNCIL

PROPOSALS TO AMEND THE 1975-1977 CATALOGUE OF THE COLLEGE OF NATURAL SCIENCES AS FOLLOWS: (1) THE DEPARTMENT OF GEOLOGICAL SCIENCES RECOMMENDS A CHANGE IN THE DEGREE OF BACHELOR OF ARTS, PLAN I, (2) THE DEPARTMENT OF GEOLOGICAL SCIENCES RECOMMENDS CHANGES IN THE DEGREE OF BACHELOR OF SCIENCE IN GEOLOGICAL SCIENCES, AND (3) THE DEPARTMENT OF PHYSICS RECOMMENDS A CHANGE IN THE DEGREE OF BACHELOR OF SCIENCE IN PHYSICS

Mr. A. R. Schrank, Acting Dean of the College of Natural Sciences, has filed with the Secretary of the University Council the proposals published below to amend the 1975-1977 catalogue of the College of Natural Sciences. These changes were approved by the faculty of the College of Natural Sciences on September 28, 1976. The Secretary of the University Council has classified this proposal as of exclusive application and primary interest only to a single school or college.

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FACULTY LEGISLATION:

DOCUMENTS AND PROCEEDINGS OF THE COLLEGE OF NATURAL SCIENCES

PROPOSALS TO AMEND THE 1975-1977 CATALOGUE OF THE COLLEGE OF NATURAL SCIENCES, AS FOLLOWS: (1) THE DEPARTMENT OF GEOLOGICAL SCIENCES RECOMMENDS A CHANGE IN THE DEGREE OF BACHELOR OF ARTS, PLAN I, AS APPROVED BY THE COURSE AND CURRICULUM COMMITTEE ON SEPTEMBER 28, 1976; (2) THE DEPARTMENT OF GEOLOGICAL SCIENCES RECOMMENDS CHANGES IN THE DEGREE OF BACHELOR OF SCIENCE IN GEOLOGICAL SCIENCES AS APPROVED BY THE COURSE AND CURRICULUM COMMITTEE ON SEPTEMBER 28, 1976; (3) THE DEPARTMENT OF PHYSICS RECOMMENDS A CHANGE IN THE DEGREE OF BACHELOR OF SCIENCE IN PHYSICS AS APPROVED BY THE COURSE AND CURRICULUM COMMITTEE ON SEPTEMBER 28, 1976.

RECOMMENDATIONS OF THE DEPARTMENT OF GEOLOGICAL SCIENCES

On page 23 of the 1975-1977 Catalogue under "Requirements for the Degree of Bachelor of Arts, Plan I," under "D. Majors" amend the requirements for the major in Geological Sciences as follows:

Majors in (~~geology~~) geological sciences must make a grade of at least C in each semester of each course presented in fulfillment of the requirements for the degree.

MAJOR: Geology 401 or 303 or 312K, 404 or 405, 416 (or 416K and 416L), 416M, 320K, (321, 422K, 428, 336K), 322L, 328K, (or equivalent) and enough upper-division courses in geological sciences to make a total of thirty-(three) two semester hours.

MINOR: no changes.

REASON: The rationale for the recommended changes is to provide a degree program for those who are not seeking a professional degree designed for a career in the geological sciences. Those seeking a professional degree will be encouraged to pursue the Bachelor of Science in Geological Sciences program. The Bachelor of Arts degree will be clearly advertised as appropriate for those seeking geologic training for one of the many future careers other than as a geologist.

On page 27 of the 1975-1977 Catalogue under "Bachelor of Sciences in Geological Sciences" under "A. Prescribed Work" for Option (a) GENERAL GEOLOGY OPTION amend the requirements as follows:

2. Either (a) Mathematics 808; or 608E and 325; or the equivalent to equal at least six semester hours (of mathematics and/or computer sciences, including Mathematics-808b); or (b) Mathematics 808 and 348 and Computer Sciences 404G.

4. Either (a) Physics 302K, 302L, 102M, and 102N; or 401 and 416; or 403K and 403L; or (b) Physics 401, 416, 415.

REASON: The recommended changes include additional course offerings in Mathematics and Physics which are appropriate for geology students to complete the mathematics and physics requirements.

7. Either (a) nine semester hours selected from (the following courses, at least six semester hours being selected from) one of the following groups: (1) Biological Sciences - courses in botany, microbiology, and zoology with a prerequisite of five semester hours from among Biology

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FACULTY LEGISLATION:

302, 303, 304, 205, 206, or the equivalent; or for which the prerequisite is three semester hours of biological science plus two semesters of organic chemistry. Computer Sciences 404G and Marine Studies 440 and 354R may be counted in this group; (2) Chemistry and Chemical Engineering - courses in chemistry with a prerequisite of Chemistry 301, 302, and 204 with grades of C; Chemical Engineering 317; and any chemical engineering course with a prerequisite of Chemical Engineering 317; (3) Petroleum Engineering - Petroleum Engineering 368 plus six semester hours from Petroleum Engineering 326, 430, 331, 361, 462, 464, 369, Marine Studies 352; (4) Mathematics, Computer Sciences, Astronomy, Physics and Engineering (except Chemical and Petroleum Engineering) - courses in mathematics and computer sciences for which Mathematics 808b (or equivalent) is the prerequisite; Physics 416 or courses in astronomy and physics with a prerequisite of Physics 416; Engineering Mechanics 311, 319 or any course in Engineering Mechanics, Aerospace Engineering, Architectural Engineering, Civil Engineering and Mechanical Engineering with a prerequisite of Engineering Mechanics 311 or 319, or any upper-division course in Electrical Engineering; (~~(1) Astronomy-362K, -364, -Physics 415, - (2) Botany-419 - (or-319), -420, -421, -373K, -Zoology-325 -or-425, -336, 440, -353, -Microbiology-429 - (or-319 -and-119K), -Marine-Studies-341; - (3) Chemistry-610 -and-110K -and-110L - (or-810), -412K, -353, -Marine-Studies-341; - (4) Mathematics-316, -427K, -427L, -Computer-Sciences-404G, -410 - (or-310); - (5) Civil-Engineering-354, -365K, -368, -Mechanical-Engineering-320, -Meteorology-321, -Petroleum-Engineering-311, -368, -369;~~) or (b) eleven semester hours selected from the following courses, at least six semester hours being selected from one of the following groups: (1) Astronomy 362K, 364; (2) Botany 419 (or 319), 420, 421, 373K, Zoology 325 or 425, 336, 440, 353, Microbiology 429 (or 319 and 119K), Marine Studies 341; (3) Chemistry 610 and 110K and 110L (or 810), 412K, 353, Marine Studies 341; (4) Mathematics 316, 427K, 427L, Computer Sciences 410 (or 310); (5) Civil Engineering 354, 365K, 368, Mechanical Engineering 320, Meteorology 321, Petroleum Engineering 311, 369. (Mathematics 427K and 427L are highly recommended.)

Alternative courses will be considered by petition to the Department of Geological Sciences.

REASON: The recommended revisions are intended to bring the current course offerings up-to-date. The recommendations are also intended to increase the selections of courses appropriate to meeting the purposes of Requirement 7.

RECOMMENDATIONS OF THE DEPARTMENT OF PHYSICS

On page 35 of the 1975-1977 Catalogue under "Bachelor of Science in Physics" under "A. Prescribed Work" amend the requirements as follows:

3. Chemistry 302 (or 603a) and Chemistry 204 (or 317) (Eight-semester hours-of-chemistry-approved-by-the-Department-of-Physics).

REASON: Currently 80% of our physics majors are placing out of Chemistry 301. The department recommends that students not receive degree credit for a course that is essentially an introductory chemistry course.

Filed with the Secretary of the College of Natural Sciences for circularization October 11, 1976.

R. H. Richardson, Secretary

Distributed among the members of the College of Natural Sciences by the University Supply and Mail Service, October 20, 1976.

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GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL):

1. Grant Letter (dated 9/8/76)
Adria Laboratories, Inc.
Wilmington, Delaware
\$42,771 - Effective: 10/1/76 - 9/30/77
Research: Pharmacological research on Coenzyme Q and Adriamycin
Dr. Karl Folkers, Ashbel Smith Professor and Director
Institute for Biomedical Research
2. Memorandum of Agreement (File 022.611)
Amoco Production Company
Tulsa, Oklahoma
\$15,000 - Effective: 2/1/77 - 8/31/77
Research: Directional drillabilities and wave velocities tests
Dr. Kenneth E. Gray
Halliburton Annual Professor of Petroleum Engineering
3. Grant PRF #9275-AC1
The Petroleum Research Fund
American Chemical Society
Washington, D. C.
\$24,000 - Effective: 9/1/77 - 8/31/80
Research: Asymmetric induction, a rational approach
Dr. James K. Whitesell
Assistant Professor of Chemistry
4. Grant PRF #9771-AC1
The Petroleum Research Fund
American Chemical Society
Washington, D. C.
\$16,000 - Effective 9/1/77 - 8/31/79
Research: Functionalized Allyl and Butadienyl Phosphonium Salts:
New Reagents for Cyclohexenone Annelation
Dr. Stephen F. Martin
Assistant Professor of Chemistry
5. Check No. 174653 (dated 12/30/76)
Bristol Laboratories
Syracuse, New York
\$8,000 - Effective: 12/30/76 - 12/29/77
Research: Evaluation of the bioavailability in humans of Sarpicillin
buffered tablets (BL-P1761 Clinical Study #121)
Dr. Alfred Martin, Director, Drug Dynamics Institute
Dr. Salomon Stavchansky, Associate Professor
College of Pharmacy
6. Modification No. 3 - Contract No. 954250
California Institute of Technology
Jet Propulsion Laboratory
Pasadena, California
\$24,000 additional funds
Extends contract period: 1/1/77 - 2/1/78
Research: Data reduction and analysis of interferograms
Dr. Thomas G. Barnes, III
Assistant Professor of Astronomy
7. Contract No. 954703
California Institute of Technology
Jet Propulsion Laboratory
Pasadena, California
\$30,000 - Effective: 2/15/77 - 2/14/78
Research: SEASAT - a global positioning system/orbit determination team
activity
Dr. Byron D. Tapley, W. R. Woolrich Professor in Engineering

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GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL):

8. Purchase Order No. 5407703
University of California
Lawrence Livermore Laboratory
Livermore, California
\$10,000 - Effective: 1/3/77 - 2/10/77
Project: Cost optimization study for a homopolar generator/energy storage group that will drive an external inductive load
Dr. H. H. Woodson, ALCOA Professor of Electrical Engineering
Dr. H. G. Rylander, Jr., Professor of Mechanical Engineering
9. Letter - Agreement No. 1 (under NSF DPP76-11872)
Columbia University in the City of New York
Lamont-Doherty Geological Observatory, Palisades, New York
\$5,581 - Effective: 11/1/76 - 4/30/77
Project: Nutrient and protein analysis on the U.S. Coast Guard Cutter "Northwind" cruise for the 1976-1977 RISP cruise in the Ross Sea
December 1976 - January 1977
Dr. Oswald A. Roels, Professor of Marine Studies, and Director, Marine Science Laboratory at Port Aransas
UT-Austin Marine Science Institute
10. Amendment No. 2 - Agreement (EPRI Project RP469-3)
Electric Power Research Institute, Inc.
Palo Alto, California
No additional funds; extends agreement through 3/31/77
Research: Fast discharging homopolar machines for fusion devices
Dr. H. H. Woodson, ALCOA Professor of Electrical Engineering
Dr. H. G. Rylander, Jr., Professor of Mechanical Engineering
11. Agreement (dated 9/22/76) between Electric Power Research Institute, Inc., Palo Alto California, and UT-Austin (EPRI Project RP954-1)
\$43,788 - Effective: 9/22/76 - 4/1/77
Project: Initiation of supply, demand, and environmental integration
Dr. Martin L. Baughman
Assistant Professor of Electrical Engineering
12. Grant (letter dated 11/29/76)
The Ewing Halsell Foundation
San Antonio, Texas
\$33,000 - Effective: 12/1/76 - 6/30/78
Border Research Program: The Migration Problem
Dr. Stanley R. Ross
Professor of History, LBJ School of Public Affairs
13. Grant No. 775-0100
The Ford Foundation
New York, New York
\$5,000 - Effective: 1/15/77 - 5/31/77
Research: The impact of federal activities on the pursuit of equal educational opportunity
Dr. Beryl Radin
Assistant Professor, LBJ School of Public Affairs
14. Grant No. 670-0151 - Extension letter dated 12/6/76
The Ford Foundation
New York, New York
No additional funds; extends grant through 8/31/77
To continue undergraduate and graduate criminal law internship and training programs in UT-Law School
Dr. Robert O. Dawson
Wright C. Morrow Professor of Criminal Law

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL):

15. Amendment No. 13 - Agreement between UT-Austin and Georgia State University, Atlanta, Georgia
No additional funds; extends agreement through 3/31/77
Project: To assess the economic and social impact of welfare in rural South before and after legislative reform
Dr. Vernon M. Briggs
Professor of Economics
16. Memorandum of Agreement for Grant-in-Aid
Marathon Oil Company
Houston, Texas
\$5,040 - Effective: 1/15/77 - 4/15/77
Research: Fabrication and structural behavior of a bolted splice of tubular piling
Dr. Ronald W. Furlong
Professor of Civil Engineering
17. Grant Check No. C-452208 (dated 12/3/76)
Merck Sharp & Dohme Research Laboratories
West Point, Pennsylvania
\$2,000 - Effective: 1/1/77 - 12/31/78
Research: A controlled, double-blind study of Periactin and Butabarbital Sodium in the control of the pruritus associated with atopic dermatitis in childhood in conjunction with the Central Texas Medical Foundation, Brackenridge Hospital
Dr. Richard D. Leff
Assistant Professor of Clinical Pharmacy
18. Subcontract No. 125-4 and Purchase Order No. 701381/A0
The University of Oklahoma
Norman, Oklahoma
\$12,911 - Effective: 9/15/76 - 7/31/77
To establish the Crustal Evolution Education Project in conjunction with a National Science Foundation consortium grant
Dr. Rolland B. Bartholomew
Associate Professor of Geological Sciences
19. PSU/ARL Subcontract S77-1
Pennsylvania State University
Applied Research Laboratory
State College, Pennsylvania
\$408,988 - Effective: 12/1/76 - 7/31/77
Research: Evaluation of counter countermeasures systems and techniques
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
20. Extension (letter dated 1/3/77) - Grant (dated 11/7/75)
Pharmaceutical Manufacturers Association Foundation, Inc.
Washington, D. C.
\$5,000 additional funds
Extends grant period: 1/1/77 - 12/31/77
Research: The hepatic cell culture as a model to investigate drug metabolism and toxicity
Dr. Daniel Acosta, Jr., Assistant Professor of Pharmacy
21. Agreement between Recruitment and Training Program, Inc., New York, New York, and The University of Texas at Austin
\$25,339 - Effective: 10/15/76 - 9/30/77
R-T-P, Inc. support to establish an experimental program
Minority Women Employment Project: A demonstration project to facilitate entry of minority women into managerial, professional and technical occupations where participation has been minimal
Dr. Robert W. Glover, Acting Director
Center for the Study of Human Resources

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GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL):

22. Amendment (dated 2/10/77) to Contract (dated 9/27/76) between Resources for the Future, Washington, D. C., and UT-Austin
\$4,492 additional funds, increasing total from \$55,800 to \$60,292
Extends contract period through: 2/28/77
To continue Phase I of a study of alternative technologies of the central-station generation of electricity by the Center for Energy Studies
Dr. Martin L. Baughman, Assistant Professor, and
Dr. H. H. Woodson, ALCOA Professor of Electrical Engineering
23. Purchase Order A7FA-877524-X-907
Rockwell International - Autonetics Group
Anaheim, California
\$13,400 - Effective: 12/13/76 - 3/~~31~~²¹/77
Project: FLAMR Data Bank Data Processing
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
24. Amendment No. 1 - Contract No. 02-4082
Sandia Laboratories
Albuquerque, New Mexico
\$2,605 additional funds (increasing total from \$42,395 to \$45,000)
Extends contract period through: 3/1/77
Continuing flight test data reduction computer program
Dr. Bob E. Schutz, Associate Professor
Aerospace Engineering and Engineering Mechanics
25. Contract No. 06-4128
Sandia Laboratories
Albuquerque, New Mexico
\$3,750 - Effective: 1/14/77 - 6/30/77
Research: Cross-sections of highly stripped ions
Dr. J. C. Browne
Professor of Computer Sciences and of Physics
26. Amendment A - Contract No. 1 between Sonatrach Corporation, Washington, D. C., and The University of Texas at Austin
\$85,925 additional funds; extends contract for period: 6/1/77 - 12/31/77
Project: Special courses in business and management for personnel of Sonatrach
Robert E. Anderson, Professor Director
Graduate School of Business
27. Subgrant Agreement D76-260
Texas Committee for the Humanities and Public Policy
Arlington, Texas
\$921 - Effective: 1/1/77 - 5/30/78
Child Care in Texas, Who Cares? A Humanistic Inquiry Into the Issues
Dr. Theresa H. Escobedo, Assistant Professor
Dr. Glen T. Dixon, Assistant Professor
Curriculum and Instruction
28. Subgrant Agreement D76-286
Texas Committee for the Humanities and Public Policy
Arlington, Texas
\$8,565 - Effective: 1/1/77 - 6/30/77
Project: Government, bureaucracy and the individual
Stewart A. Wilbur, Jr., Program Director/KUT-FM
Center for Communications

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GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL):

29. Purchase Order No. 2406
Turner, Collie and Braden, Inc.
Houston, Texas
\$1,700 - Effective: 1/14/77 - 2/1/77
Project: Archeological assessment of Taylor Gully Outfall Ditch,
Harris County, Texas
Dr. David S. Dibble, Director
Texas Archeological Survey
30. Grant F-068
The Robert A. Welch Foundation
Houston, Texas
\$20,000 - Effective: 6/1/77 - 5/31/78
Research: Friedel-Crafts and other molecular rearrangements
Dr. Royston M. Roberts
Professor of Chemistry
31. Grant F-081
The Robert A. Welch Foundation
Houston, Texas
\$60,000 - Effective: 6/1/77 - 5/31/80
Research: Solution phenomena in liquid ammonia
Dr. J. J. Lagowski
Professor of Chemistry
32. Grant F-104
The Robert A. Welch Foundation
Houston, Texas
\$60,000 - Effective: 6/1/77 - 5/31/80
Research: Chemical Kinetics Studies
Dr. W. C. Gardiner, Jr.
Professor of Chemistry
33. Grant F-144
The Robert A. Welch Foundation
Houston, Texas
\$15,000 - Effective: 6/1/77 - 5/31/78
Research: The detailed energy balance following absorption by simple
aromatic compounds
Dr. W. Albert Noyes, Jr.
Ashbel Smith Professor Emeritus of Chemistry
34. Grant F-149
The Robert A. Welch Foundation
Houston, Texas
\$60,000 - Effective: 6/1/77 - 5/31/80
Research: Molecular symmetry effects in doublet electrocyclic reactions
Dr. Nathan L. Bauld
Professor of Chemistry
35. Grant F-365
The Robert A. Welch Foundation
Houston, Texas
\$60,000 - Effective: 6/1/77 - 5/31/80
Research: Non-equilibrium thermodynamics and statistical mechanics
Dr. Ilya Prigogine
Professor of Physics and Chemical Engineering
36. Grant F-508
The Robert A. Welch Foundation
Houston, Texas
\$14,000 - Effective: 6/1/77 - 5/31/78
Research: Structural studies by electron diffraction
Dr. Denis Alan Kohl
Associate Professor of Chemistry

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GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL):

37. Grant F-534
The Robert A. Welch Foundation
Houston, Texas
\$30,000 - Effective: 6/1/77 - 5/31/79
Research: Electron scattering for Alkali Halides vapors
Dr. Manfred Fink
Associate Professor of Physics
38. Grant F-567
The Robert A. Welch Foundation
Houston, Texas
\$135,000 - Effective: 6/1/77 - 5/31/80
Research: Molecular beam kinetics
Dr. Richard B. Bernstein
W. T. Doherty Professor of Chemistry
39. Grant F-677
The Robert A. Welch Foundation
Houston, Texas
\$45,000 - Effective: 6/1/77 - 5/31/80
Research: New approaches to control of photochemical reactivity
Dr. Marye Anne Fox
Assistant Professor of Chemistry
40. Grant F-690
The Robert A. Welch Foundation
Houston, Texas
\$45,000 - Effective: 6/1/77 - 5/31/80
Research: Microbial oxidations of Biphenyl and Azulene
Dr. Robert V. Smith
Associate Professor, College of Pharmacy
41. Grant F-691
The Robert A. Welch Foundation
Houston, Texas
\$45,000 - Effective: 6/1/77 - 5/31/80
Research: Mechanism of enzymic carbon dioxide assimilation
Dr. F. Robert Tabita
Assistant Professor of Microbiology
42. Amendment to Contract
Neelley Vending Company
The University of Texas at Austin, together with Campus Services, Inc., and
the Neelley Vending Company mutually agree to the following changes:
- | <u>ITEM</u> | | <u>COMMISSION</u> |
|----------------------|-----------------|-----------------------|
| 2 Cigarettes | From 60¢ to 65¢ | From 10.83% to 13.33% |
| 4 Coffee (7 oz. cup) | Stay at 15¢ | From 20% to 15% |
- Effective January 1, 1977
43. Contract under DHEW Grant No. 06-D-000100-02
Bexar County Hospital District
The College of Pharmacy agrees to delegate activities under DHEW Grant No.
06-D-000100-02, which is a Pharmacy Professions Special Project Grant, to
the Bexar County Hospital District.
7/1/76 - 6/30/77
\$27,753.40

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GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL):

44. Agreement

Texas Ribbon Supply and Typewriter Company

The Ex-Students' Association, together with Campus Services, Inc.,
has granted "TRS" the right to place and operate coin-operated type-
writers on campus.

12/20/76 - 12/20/80, provided, however, either party may cancel this con-
tract by written notice.

"TRS" agrees to pay monthly 10% of the gross income from all typewriters
operated on campus.

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE):

1. Grant AC-77-C01-4212
State of Texas, Office of the Governor
Criminal Justice Division
Austin, Texas
\$35,707 - Effective: 1/1/77 - 8/31/77
For continuing support of the Juvenile Justice Policy Research Project
Dr. Henry David, Professor of Public Affairs
LBJ School of Public Affairs
2. Grant Project No. 77-930-016
Coordinating Board
Texas College and University System
Austin, Texas
\$1,975 - Effective: 1/17/77 - 5/31/77
Texas Statewide Corrections Intern Program
Dr. Chester L. Chiles
Associate Professor, Graduate School of Social Work
3. Reimbursement Contract No. 67230512
Texas Education Agency
Department of Occupational Education & Technology
Austin, Texas
\$68,982.31 - Effective: 10/1/76 - 6/30/77
Project: Adult Training Program in Industrial Education
Dr. Thomas M. Hatfield
Dean of Continuing Education
4. Contract No. 77-7200-02-B
State (Texas) Department of Highways and Public Transportation
Office of Traffic Safety
Austin, Texas
\$700,000 - Effective: 1/1/77 - 9/30/78
For performance of a series of projects: Design and analysis of
potentially effective traffic safety countermeasures - CATS
Dr. Thomas W. Kennedy, Professor of Civil Engineering, and Director
Council for Advanced Transportation Studies
5. Extension (letter dated 2/25/77) - Agreement (dated 3/1/70) N30852-3
Solution Mining Research Institute, Inc.
Flossmoor, Illinois
No additional funds; extends the agreement through 5/31/77
Research: Dissolution mechanism
A. L. Podio
Associate Professor of Petroleum Engineering
Dr. Gary C. Vliet
Associate Professor of Mechanical Engineering
6. Contract No. IAC (76-77)-249, Amendment No. 3
The Extension Division, the Bursar's Office and the Texas Employment Com-
mission mutually agree to increase the dollar amount of the contract to
include Spring semester registrants.
Effective 2/4/77
7. Contract No. IAC (76-77)-1271, Amendment No. 1
The Joe C. Thompson Conference Center and the Coordinating Board, Texas
College and University System, mutually agree to include the Room Cancell-
ation Policy of the Joe C. Thompson Conference Center
Effective 2/3/77
8. Contract No. IAC (76-77)-1347, Amendment No. 1
The Center for Research in Water Resources and the Texas Water Development
Board mutually agree to extend the termination date to 3/31/77
Effective 12/31/76

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE):

9. Contract No. IAC (76-77)-1435, Amendment No. 1
 The Computation Center and the State Department of Public Welfare mutually agree to increase the billing rate for keypunch and verifying service from \$5.00 per hour to \$7.50 per hour
 Effective 1/4/77
10. Contract No. IAC (76-77)-1448, Amendment No. 3
 The Texas Historical Commission and the Texas Archeological Lab mutually agree to amend the total amount of the contract not to exceed \$20,535
 Effective 1/28/77
11. Contract No. IAC (76-77)-1617, Amendment No. 1
 The LBJ School of Public Affairs and the Texas Department of Health Resources mutually agree to change the budget line items, but the total amount of the contract remains the same
 Effective 12/30/76
12. Contract No. IAC (74-75)-1668, Amendment No. 6
 The Division of Natural Resources and Environment and the Texas Parks and Wildlife Department mutually agree to extend the termination date from 12/31/76 to 4/30/77
 Effective 12/31/76
13. Contract No. IAC (76-77)-1703, Amendment No. 1
 The Bureau of Business Research and the Coordinating Board, Texas College and University System, mutually agree to extend the termination date from 12/31/76 to 1/31/77
 Effective 12/16/76
14. Contract No. IAC (76-77)-1820
 Texas Department of Health Resources
 The Bureau of Economic Geology agrees to provide certain geological maps and books as set out in Paragraph III of this contract
 12/20/76 - 8/31/77
 \$132
15. Contract No. IAC (76-77)-1827
 Comptroller of Public Accounts
 The Continuing Education Division/Adult Vocational Training Center agrees to provide skilled personnel and necessary material, supplies, and equipment sufficient for employees of the Office of the Comptroller of Public Accounts to pursue self-paced instruction in typing skills
 12/21/76 - 8/31/77
 \$1,000
16. Contract No. IAC (76-77)-1828
 Greater South Texas Cultural Basin Commission
 The Bureau of Business Research agrees to provide research services for economic development planning in South Texas
 1/2/77 - 3/31/77
 \$3,000
17. Contract No. IAC (76-77)-1833
 Texas Water Quality Board
 The Bureau of Economic Geology agrees to design and produce a full color map of the "Planning Area": The State of Texas, which depicts each resource unit in a unique color pattern
 12/23/76 - 6/30/77
 \$2,000

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE):

18. Contract No. IAC (76-77), 1834
 Texas Forest Service, a part of Texas A&M University System
 The Bureau of Economic Geology agrees to provide ten copies of the Land Resources Map. The "Planning Area" to be covered shall consist of the entire State of Texas
 12/23/76 - 6/30/77
 \$1,000
19. Contract No. IAC (76-77)-1835
 Texas Coastal and Marine Council
 The Bureau of Economic Geology agrees to provide ten copies of the Land Resources Map. The "Planning Area" to be covered shall consist of the entire State of Texas
 12/23/76 - 6/30/77
 \$1,751
20. Contract No. IAC (76-77)-1836
 Governor's Budget and Planning Office
 The Bureau of Economic Geology agrees to provide 250 copies of the Land Resources Map. The "Planning Area" to be covered on the map shall consist of the entire State of Texas
 12/23/76 - 6/30/77
 \$31,117
21. Contract No. IAC (76-77)-1838
 Texas Department of Community Affairs
 The Computation Center agrees to furnish the services of its computer systems
 12/29/76 - 8/31/77
 \$10,600
22. Contract No. IAC (76-77)-1840
 General Land Office
 The Bureau of Economic Geology agrees to provide ten copies of the Land Resources Map. The "Planning Area" to be covered on the map shall consist of the entire State of Texas
 12/23/76 - 6/30/77
 \$2,000
23. Contract No. IAC (76-77)-1842
 Texas Department of Health Resources
 The Bureau of Economic Geology agrees to provide ten copies of the Land Resources Map. The "Planning Area" to be covered on the map shall consist of the entire State of Texas
 12/23/76 - 6/30/77
 \$2,000
24. Contract No. IAC (76-77)-1854
 Texas Coastal and Marine Council
 The Bureau of Economic Geology agrees to provide a mock-up of a "Natural Hazards Disclosure Statement," including a hazards map, descriptive information and disclosure statements.
 1/7/77 - 6/30/77
 \$3,550
25. Contract No. IAC (76-77)-1860
 State Department of Public Welfare
 The LBJ School of Public Affairs agrees to provide various publications
 1/5/77 - 8/31/77
 \$300

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE):

26. Contract No. IAC (76-77)-1869
Texas A&M University (College of Geosciences)
The Marine Science Institute, Geophysics Laboratory at Galveston, agrees to provide access to telemetering data being transmitted by telephone circuit from Hockley, Texas, to Galveston, Texas
1/14/77 - 8/31/77
\$900

27. Contract No. IAC (76-77)-1887
Southwest Texas State University (Library)
The Humanities Research Center agrees to reproduce materials for Southwest Texas State University
1/18/77 - 8/31/77
\$110

28. Contract No. IAC (76-77)-1888
State Department of Public Welfare
The Psychology Department agrees to do reproduction work
1/17/77 - 6/30/77
\$800

29. Contract No. IAC (76-77)-1902
Texas A&M University (Texas Real Estate Research Center)
The Center for Building Research agrees to program the model for electronic computation of housing demand estimates for several studies conducted by Texas A&M in Texas
1/27/77 - 8/31/77
\$4,980

30. Contract No. IAC (76-77)-1903
Texas Department of Community Affairs
The LBJ School of Public Affairs agrees to conduct training for 150 public employees in Public Personnel Management and Public Purchasing and Material Management
2/1/77 - 8/31/77
\$5,500

31. Contract No. IAC (76-77)-1914
Texas House of Representatives
The Printing Division agrees to perform reproduction related services upon request
2/7/77 - 8/31/78
\$5,000

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

1. Modification AFOSR-76-2955C - Grant AFOSR-76-2955
U. S. Air Force
Air Force Office of Scientific Research
Bolling Air Force Base, D.C.
No additional funds; adds an incremental item to the existing list of equipment
Research: The influence of hold times on fatigue crack growth of aluminum alloys
Dr. Harris L. Marcus
Professor of Mechanical Engineering
2. Modification P00006 - Contract F29601-74-C-0121
U. S. Air Force
Air Force Contract Management Division
Kirtland Air Force Base, New Mexico
Contract period: 6/27/74 - 2/28/77
Provides an amendment to the Contract Statement of Work Specifications relaxing certain performance parameters and extending the period of performance for continuing construction of a measurement radar system by Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
3. Contract F29601-77-0009
U. S. Air Force
Air Force Contract Management Division
Kirtland Air Force Base, New Mexico
\$222,557 (Travis County) total estimated cost with \$130,000 incrementally funded
Contract period: 2/7/77 - 5/6/78
Research: Capabilities improvement of the Radar Target Scatter Facility
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
4. Modification P00003 - Facilities Contract F04701-74-C-0300
U. S. Air Force
Headquarters Space and Missile Systems Organization
Air Force Systems Command
Los Angeles, California
Makes certain administrative changes whereby Space and Missile Organization is revised to read Aeronautical Systems Division and the issuing office to Wright-Patterson Air Force Base, Ohio
5. Modification P00013 - Contract DMA800-74-C-0086
Defense Mapping Agency
Topographic Center
Washington, D.C.
\$48,951 additional funds (Travis County) for a \$199,446 total
Current contract period: 1/15/73 - 1/14/77 extended through 1/14/78
To provide for continued operation of the Doppler Tracking System
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
6. Contract DMA800-77-C-0008
Defense Mapping Agency
Topographic Center
Washington, D. C.
\$135,831 (Travis County) of which an increment of \$79,000 is currently funded
Contract period: 10/1/76 - 9/30/77
Research: Geodetic and ionospheric studies
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

7. Modification P00005 - Contract DAAB03-75-C-0136
U. S. Army, Maryland Procurement Office
Fort George G. Meade, Maryland
\$8,000 additional funds (Travis County) for cost overrun resulting from increase in overhead rates
Research: Certifiable mini-computer study
Dr. Raymond T. Yeh, Professor of Computer Sciences, and
Dr. James C. Browne, Professor of Computer Sciences and Physics

8. Modification P00013 - Contract DAAK40-73-C-1016
(formerly DAAH01-73-C-1016)
U. S. Army, Army Missile Command
Redstone Arsenal, Alabama
Corrects certain accounting data under the contract
Contract period: 6/19/73 - 2/28/77
Research: Analysis of the launch-tube flowfield
Dr. John J. Bertin and Dr. John C. Westkaemper
Associate Professors of Aerospace Engineering and Engineering Mechanics

9. Grant DAAG29-77-G-0087
Department of the Army
U. S. Army Research Office
Research Triangle Park, North Carolina
\$62,000 (Travis County) with a current increment of \$30,000 against the total
Grant period: 2/1/77 - 1/31/79
Research: Approximation and numerical analysis of nonlinear equations of evolution
Dr. J. Tinsley Oden
Professor of Aerospace Engineering and Engineering Mechanics

10. Change (letter dated 2/15/77) - Grant DAAG29-77-G-0087
Department of the Army
U. S. Army Research Office
Research Triangle Park, North Carolina
Changes accounting classification
Research: Approximation and numerical analysis of nonlinear equations of evolution
Dr. J. Tinsley Oden
Professor of Aerospace Engineering and Engineering Mechanics

11. Modification P00002 - Contract N00014-76-C-0275
Department of the Navy
Office of Naval Research
Arlington, Virginia
\$25,995 additional funds (Travis County)
Extends contract period: 1/1/77 - 12/31/77
Research: Numerical analysis and optimization
Dr. James W. Daniel
Professor of Mathematics

12. Modification P00002 - Contract N00014-76-C-0484
Office of Naval Research
Department of the Navy
Arlington, Virginia
No additional funds; extends contract period through : 4/30/77
Research: Development and testing of an audio frequency magneto-telluric system with applications to N. Wisconsin
Dr. H. W. Smith, Director, Electrical Engineering Research Laboratory
Dr. F. X. Bostick, Professor of Electrical Engineering

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

13. Modification P00004 - Contract N00014-75-C-0161
Department of the Navy
Office of Naval Research
Arlington, Virginia
\$299,988 (Travis County) to increase estimated cost total to \$588,638 and incrementally fund \$192,000 toward that for total funding of \$480,650
Contract period: 12/1/74 - 11/30/76 extended through 1/30/78
Research: Shallow water parametric array studies
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
14. Modification P00003 - Contract N00014-75-C-0616
Department of the Navy
Office of Naval Research
Arlington, Virginia
\$70,000 additional funds (Travis County)
Extends contract for period: 11/1/76 - 10/31/77
Research: Multi-disciplinary aspects of personnel assignment techniques
Dr. Abraham Charnes
Professor of General Business
15. Modification P00002 - Contract N00014-76-C-0577
Department of the Navy
Office of Naval Research
Arlington, Virginia
\$30,000 additional funds (Travis County)
Extends period: 3/1/77 - 2/28/78
Research: The synthesis of compounds containing the SF₅ group
Dr. Alan H. Cowley
Professor of Chemistry
16. Modification P00001 - Contract N00014-76-C-0641
Department of the Navy
Office of Naval Research
Arlington, Virginia
\$19,500 additional funds (Travis County) for a new total of \$40,150
Extends period: 12/1/76 - 11/30/77
Research: Earth rotation from lunar distances
Dr. J. Derral Mulholland
Research Scientist, Department of Astronomy (McDonald Observatory)
17. Contract N00014-77-C-0028
Department of the Navy
Office of Naval Research
Arlington, Virginia
\$91,000 (Travis County)
Contract period: 10/1/76 - 5/31/77
To support construction of 20 Texas ocean bottom seismic systems and conduct reconnaissance seismic studies in the New Hebrides
Dr. Gary V. Latham, Professor of Marine Studies and Director
Marine Science Institute, Geophysics Laboratory at Galveston
18. Modification P00020 - Contract N00024-75-C-6070
Department of the Navy
Naval Sea Systems Command
Washington, D. C.
Contract period: 11/5/74 - 4/30/77
Decreases previously allocated incremental funds by \$50,000 (Travis County) from prior fiscal year pending reallocation and replacement to current fiscal year for naval shipyard and TRF sonar support and assistance program in Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

19. Modification P00021 - Contract N00024-75-C-6070
Department of the Navy
Naval Systems Command
Washington, D. C.
\$50,000 withdrawn by Modification P00020 reinstated by cancelling P00020 in its entirety
Research: Naval shipyard and TRF sonar support assistance
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
20. Contract N00039-77-C-0003
Department of the Navy
Naval Electronic Systems Command
Washington, D. C.
\$365,000 (Travis County) of which an increment of \$315,000 is currently funded
Contract period: 1/10/77 - 12/30/77
For support of a low frequency underwater sound propagation ambient noise field and bottom effects study
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
21. Modification P00015 - Contract N00140-76-C-6487
Department of the Navy
Naval Regional Procurement Office
Philadelphia, Newport Division
Newport, Rhode Island
\$27,000 - Incremental funds increasing total to \$859,700 against \$965,987 awarded with the contract for sonar test instrumentation support
Contract period: 6/1/76 - 5/31/78
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
22. Modification P00016 - Contract N00140-76-C-6487
Department of the Navy
Naval Regional Procurement Office
Philadelphia, Newport Division
Newport Rhode Island
\$9,000-Increment added for a total of \$868,700 funding against \$965,987 awarded to the contract for sonar test instrumentation support
Current contract period: 6/1/76 - 5/31/78
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
23. Modification P00017 - Contract N00140-76-C-6487
Department of the Navy
Naval Regional Procurement Office
Philadelphia, Newport Division
Newport, Rhode Island
\$25,000 - Added to prior funds for a new total of \$893,700 against estimated cost of \$965,987 awarded to contract
Contract period: 6/1/76 - 5/31/78
Research: Sonar test instrumentation support
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director
24. Delivery Order EE-01 - Task under Basic Ordering Agreement
Contract N00104-76-A-A022
Department of the Navy/ONR Resident Representative/Austin, Texas
Navy Ships Parts Control Center
Mechanicsburg, Pennsylvania
\$20,000 (Travis County) Effective 1/3/77 - 6/8/77
For supplies and services for AN/WQM-5 sonar test set repair
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

25. Modification P00001 - Contract N00953-77-C-0031
Department of the Navy
Naval Electronics Laboratory Center
San Diego, California
\$5,900 (Travis County) - Increase in estimated cost funding totals to \$16,675
Contract period: 11/19/76 - 2/18/77 extended through 6/30/77
For additional engineering support to services to MNV sonar
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director

26. Contract N60921-77-C-A104
Department of the Navy
Naval Surface Weapons Center
Dahlgren Laboratory
Dahlgren, Virginia
\$39,912 (Travis County)
Contract period: 2/14/77 - 2/13/78
For support of ionospheric residual range error study
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director

27. Modification P00002 - Contract N60921-76-C-A168
Department of the Navy
Naval Surface Weapons Center
Dahlgren Laboratory
Dahlgren, Virginia
Makes certain administrative changes to accounting data information without changing amount or period of performance
Project: Study and implementation of advanced techniques for highly accurate simulation of design validation
Dr. S. A. Szygenda, Professor of Electrical Engineering
Dr. E. W. Thompson, Assistant Professor of Electrical Engineering

28. Contract N60921-77-C-0029
Department of the Navy
Naval Surface Weapons Center, White Oak Laboratory
Silver Spring, Maryland
\$178,535 (Travis County) with \$50,000 current increment against total amount
Contract period: 12/23/76 - 12/22/77
Project: NTC System development, repair and improvement
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director

29. Modification P00001 - Contract N60921-77-C-0029
Department of the Navy
Naval Surface Weapons Center, White Oak Laboratory
Silver Spring, Maryland
\$50,000 - Added increment to increase total funding to \$100,000 toward the \$178,535 estimated cost awarded to the contract
Contract period: 12/23/76 - 12/22/77
Project: NTC System development, repair and improvement
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director

30. Contract N60921-77-C-0044
Department of the Navy
Naval Surface Weapons Center, White Oak Laboratory
Silver Spring, Maryland
\$50,000 (Travis County)
Contract period: 2/10/77 - 4/9/78
Research: Nonlinear acoustics application to mine mechanism study
Applied Research Laboratories
Dr. Chester M. McKinney, Jr., Director

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

31. Modification No. 01 - Delivery Order HR-09, Task issued under Basic Ordering Agreement N61339-76-D-0014
 Department of the Navy
 Naval Coastal Systems Laboratory
 Panama City, Florida
 Extends task performance period through 3/15/77
 Research: Developmental sonar beam pattern measurements
 Applied Research Laboratories
 Dr. Chester M. McKinney, Jr., Director
32. Delivery Order HR-10, Task issued under Basic Ordering Agreement Contract N61339-76-D-0014
 Department of the Navy
 Naval Coastal Systems Laboratory
 Panama City, Florida
 \$180,000 - Effective 1/10/77 - 12/15/77
 (Applies against \$630,000 under Basic Ordering Agreement Contract)
 Research: Buried object sonar sea tests and BURMMS support
 Applied Research Laboratories
 Dr. Chester M. McKinney, Jr., Director
33. ASSIGNMENT OF PATENT RIGHTS: Abstract of Disclosure; Declaration and Power of Attorney and Patent Application, by which The University of Texas at Austin and co-inventor, Donald J. Shirley, University employee, transfer to the Department of the Navy all right, title and interest in and to an invention entitled, "Transducer for Generation and Detection of Shear Waves," (Navy Case No. 60,057). The invention resulted from research under the Department of the Navy Contract N00014-70-A-0166-0017 conducted in Applied Research Laboratories, Dr. Chester M. McKinney, Jr., Director.
34. ASSIGNMENT OF PATENT RIGHTS: Abstract of Disclosure; Declaration and Power of Attorney and Patent Application, by which the University and inventors Richard L. Rolleigh, James G. Pruitt, and Robert H. Stokes, University employees, transfer to the Department of the Navy all right, title and interest in and to an invention entitled, "A Cylindrical Array Radiator," (Navy Case No. 58389). The invention resulted from research under the Department of Navy Contract N00123-73-C-1414 conducted in Applied Research Laboratories, Dr. Chester M. McKinney, Jr., Director
35. Contract No. 9-15217
 National Aeronautics and Space Administration
 Lyndon Baines Johnson Space Center
 Houston, Texas
 \$89,000 (Travis County)
 Contract period: 12/15/76 - 9/14/77
 Research: Imaging radar system and math model
 Applied Research Laboratories
 Dr. Chester M. McKinney, Jr., Director
36. Extension (letter dated 12/22/76) to Grant NSG 5005
 National Aeronautics and Space Administration
 Goddard Space Flight Center
 Greenbelt, Maryland
 No additional funds; grant period extended through 9/30/77
 Research: Observation of emission lines in M Supergiants
 Dr. David L. Lambert
 Professor of Astronomy

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

37. Grant NSG 5154
 National Aeronautics and Space Administration
 Goddard Space Flight Center
 Greenbelt, Maryland
 \$46,843 (Travis County)
 Grant period: 3/1/77 - 2/28/78
 Research: A study of autonomous satellite navigational methods for the
 global positioning satellite system
 Dr. Byron D. Tapley, W. R. Woolrich Professor
 Dr. Bob E. Schutz, Associate Professor
 Aerospace Engineering and Engineering Mechanics
38. Mailgram Change Order Modification No. 1 and Modification No. 2
 Contract NAS1-140160
 National Aeronautics and Space Administration
 Langley Research Center
 Hampton, Virginia
 \$40,813 additional funds (Travis County)
 Contract period: 9/15/74 - 1/10/78
 Research: Study of nonlinear propagation effects in Jet noise
 Applied Research Laboratories
 Dr. Chester M. McKinney, Jr., Director
39. Modification No. 4 - Contract NAS5-22576
 National Aeronautics and Space Administration
 Goddard Space Flight Center
 Greenbelt, Maryland
 \$20,000 - Increment added for total of \$115,000 (against the \$139,400
 awarded) through 6/1/77
 Contract period: 12/8/76 - 1/7/77
 Research: Communication Technology Satellite Experiment
 Dr. A. W. Straiton, Ashbel Smith Professor of Electrical Engineering
40. Modification S06, Supplemental Agreement to Contract NAS6-2454
 National Aeronautics and Space Administration
 Wallops Flight Center
 Wallops Island, Virginia
 No additional funds; extends the contract through 10/31/77
 Research: Investigation of solid earth dynamics using GEOS-C and other
 information
 Dr. Byron D. Tapley, W. R. Woolrich Professor
 Dr. Bob E. Schutz, Associate Professor
 Aerospace Engineering and Engineering Mechanics
41. Modification No. 2-S - Contract NAS 9-14491
 National Aeronautics and Space Administration
 Lyndon B. Johnson Space Center
 Houston, Texas
 No additional funds; extends contract through 3/31/77
 Research: Adsorption pumping cryogenic refrigerator studies
 Dr. William H. Hartwig, Professor of Electrical Engineering
 Dr. Hugo Steinfink, Professor of Chemical Engineering
42. Modification No. 4 - Grant NGR 44-012-282
 National Aeronautics and Space Administration
 Washington, D. C.
 No additional funds; grant period extended through 5/31/77
 Research: Outer planet satellite studies
 Dr. J. Derral Mulholland, Research Scientist
 Department of Astronomy

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

43. Supplement No. 3 - Grant NSG 2065
National Aeronautics and Space Administration
Ames Research Center
Moffett Field, California
\$46,193 additional funds (Travis County)
Extends grant period: 12/1/76 - 11/30/77
Research: Individual, institutional and group influences on scientific research
Dr. Robert L. Helmreich
Professor of Psychology
44. Supplement No. 4 - Grant NSG 7159
National Aeronautics and Space Administration
Washington, D. C.
\$114,375 additional funds (Travis County)
Grant period extended: 10/1/76 - 9/30/77
Research: Preliminary geophysical and geological site survey of the region of the McDonald Observatory, West Texas
Dr. Gary V. Latham and Dr. James H. Dorman, Professors of Marine Studies
UT-Austin Marine Science Institute, Geophysics Laboratory at Galveston
45. Supplement No. 2 - Grant NSG 7162
National Aeronautics and Space Administration
Washington, D. C.
\$10,928 additional funds (Travis County)
Current grant period: 9/1/76 - 8/31/77
To support lunar laser data identification and management
Dr. Peter J. Shelus, Research Scientist Associate V
Department of Astronomy
46. Supplement No. 2 - Grant NSG 9021
National Aeronautics and Space Administration
Lyndon B. Johnson Space Center
Houston, Texas
\$33,100 additional funds (Travis County)
Extends grant period: 2/1/77 - 1/31/78
Research: Magnetic studies of lunar soils and terrestrial impact
Dr. Wulf Achim Gose, Assistant Professor of Marine Studies
UT-Austin Marine Science Institute, Geophysics Laboratory at Galveston
47. Modification A001 - Contract EY-76-S-05-5106 [formerly E(40-1)-5106]
U. S. Energy Research and Development Administration
Oak Ridge Operations
Oak Ridge, Tennessee
\$9,995 additional funds (Travis County)
Current grant period: 6/1/76 - 5/30/77
Research: Reconnaissance geothermal assessment of the Rio Grande Valley, Trans-Pecos, Texas
Dr. Charles G. Groat
Associate Professor of Geological Sciences
48. Amendment No. 1 - Grant R803814-02
Environmental Protection Agency
Research Triangle Park, North Carolina
\$30,000 additional funds (Travis County)
Current grant period: 8/1/76 - 7/31/77
Total project period: 8/1/75 - 7/31/78
Research: Reactions of Sulfur Dioxide in aerosols
Dr. David M. Himmelblau
Professor of Chemical Engineering

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

49. Modification No. 1 - Contract No. 03-6042-35118
U. S. Department of Commerce
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
St. Petersburg, Florida
Contract period: 5/14/76 - 5/13/77
Formally incorporates in the contract Change Order No. 1 which established the requirement for Diver Certification of all personnel taking part in diving activities incident to the performance of the contract.
Research: Environmental assessment of an active oil field in the North-western Gulf of Mexico
Dr. E. William Behrens, Professor of Marine Studies
UT-Austin Marine Science Institute, Geophysics Laboratory at Galveston
50. Grant No. H-2772
Department of Housing and Urban Development
Washington, D. C.
\$180,000 (Travis County)
Grant period: 10/28/76 - 10/27/77
Research: Retrofitting of a multiple family dwelling for solar heating and cooling
Dr. Gary C. Vliet
Associate Professor of Mechanical Engineering
51. Grant No. 14-08-0001-G-409
U. S. Department of the Interior
Geological Survey
Menlo Park, California
\$22,500 (Travis County)
Grant period: 1/1/77 - 10/31/77
Research: Nonlinear stress-strain properties in shear of cohesive soils
Dr. Kenneth H. Stokoe, II
Assistant Professor of Civil Engineering
52. Grant No. 14-08-0001-G-410
U. S. Department of the Interior
Geological Survey
Denver, Colorado
\$35,900 (Travis County)
Grant period: 1/1/77 - 9/30/77
Research: Study of the uranium potential and genetic stratigraphy of the Triassic Dockum Group of the Texas Panhandle
Dr. J. H. McGowen, Research Scientist
Bureau of Economic Geology
53. Grant No. 14-08-0001-G-412
U. S. Department of the Interior
Geological Survey
Denver, Colorado
\$50,397 (Travis County)
Grant period: 1/1/77 - 12/31/77
Research: Land resources and environmental impact, East Texas lignite belt
Dr. Edmund G. Wermund, Jr., Research Scientist
Bureau of Economic Geology
54. Intergovernmental Personnel Act Assignment Agreement
Department of Health, Education, and Welfare
Public Health Service
Food and Drug Administration
Jefferson, Arkansas
\$24,240 (Travis County) - Effective 1/16/77 - 8/31/77
To pay salary for Dr. David P. Bloch, Professor of Botany, while on assignment with FDA Cell Biology Program/National Center for Toxicological Research in Jefferson, Arkansas
Research: Cell separation studies on normal and malignant tissues

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

55. Intergovernmental Personnel Act Assignment Agreement
Department of Health, Education, and Welfare
Public Health Service
Food and Drug Administration
National Center for Toxicological Research
Jefferson, Arkansas
\$3,436 (Travis County) - Effective 1/16/77 - 8/31/77
To pay salary for Dr. Chi-Tseh Fu while on assignment as research assistant with FDA, Jefferson, Arkansas, NCTR-Cell Biology Program; research in cell separation studies on normal and malignant tissues under supervision of Dr. David P. Bloch, Professor of Botany

56. Revision No. 1 - Grant G007500325
Department of Health, Education, and Welfare
Office of Education
Washington, D.C.
No additional funds; extends grant through 6/30/77
Project: Impact of administrative climate, instruction, and counseling rate of post-secondary educational disadvantaged and minority vocational-technical students
Dr. John E. Roueche, Jr.
Professor of Educational Administration

57. Revision No. 1 - Grant G007603659
Department of Health, Education, and Welfare
Office of Education
Washington, D. C.
To change name for a Fulbright Fellow under Graduate School's Doctoral Dissertation Research Abroad (Fulbright-Hays) Program
Coordinated by Dr. Irwin C. Lieb
Vice-President and Dean of Graduate Studies

58. Revision No. 2 - Grant G007603659
Department of Health, Education, and Welfare
Office of Education
Washington, D. C.
\$1,368 additional funds (Travis County); to provide additional dependents allowance for the current period 7/1/76 - 12/31/77
Doctoral Dissertation Research Abroad (Fulbright-Hays) Program
Coordinated by Dr. Irwin C. Lieb
Vice-President and Dean of Graduate Studies

59. Modification No. 9 - Contract NE-C-00-3-0066
Department of Health, Education, and Welfare
National Institute of Education
Washington, D. C.
\$199,500 (Travis County) - increase estimated cost to \$1,251,043
Extends contract period: 10/1/76 - 9/30/77
Teaching-Learning Interaction Study
Research and Development Center for Teacher Education
Dr. Robert F. Peck, Professor of Educational Psychology

60. Modification No. 4 - Contract NIE-C-74-0087
Department of Health, Education, and Welfare
National Institute of Education
Washington, D. C.
No additional funds; corrects certain dates and amounts shown on Modification No. 3 of the contract
Project: Concerns-Based Adoption Model: Development and Testing Procedures for Adopting Educational Innovations in R&D Center
Dr. Gene E. Hall, Coordinator, Inter-Institutional Program
Research and Development Center for Teacher Education

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61. Modification No. 3 - Contract NIE-C-74-0087
Department of Health, Education, and Welfare
National Institute of Education
Washington, D. C.
\$442,000 - Increase (Travis County) and increment added to prior funds
Extends contract for period 10/1/76 - 9/30/77
Project: Concerns-Based Adoption Model: Development and Testing Procedures
for Adopting Educational Innovations in R&D Center
Dr. Gene E. Hall, Coordinator, Inter-Institutional Program
Research and Development Center for Teacher Education

62. Modification No. 3 - Contract NIE-C-74-0088
Department of Health, Education, and Welfare
National Institute of Education
Washington, D.C.
\$346,500 (Travis County) added to prior funds for \$843,792 total
Extends contract for period: 10/1/76 - 9/30/77
For continuing support of the Evaluation Teaching Project
Research and Development Center for Teacher Education
Dr. Gary D. Borich
Associate Professor of Educational Psychology

63. Modification No. 3 - Contract NIE-C-74-0089
Department of Health, Education, and Welfare
National Institute of Education
Washington, D. C.
\$304,000 - Increase (Travis County) estimated cost to \$932,948
Extends contract period 10/1/76 - 9/30/77
Correlates of Effective Teaching
Research and Development Center for Teacher Education
Dr. Carolyn Evertson, Research Scientist

64. Amendment No. 3 - Training Grant No. 44-P-30067/6-12
Department of Health, Education, and Welfare
Office of Human Development
Rehabilitation Services Administration - Region VI
Dallas, Texas
\$2,544 increase in unobligated balance from prior budget period
(new total \$92,840) for the current grant period: 7/1/76 - 6/30/77
Total project period: 9/1/72 - 6/30/81
Rehabilitation Counselor Training Program
Dr. Carl E. Hansen, Associate Professor of Special Education

65. Amendment No. 4 - Training Grant No. 44-P-30067/6-12
Department of Health, Education, and Welfare
Office of Human Development
Rehabilitation Services Administration - Region VI
Dallas, Texas
\$2,344 additional funds (Travis County) for a new total of \$95,184 for
current grant period 7/1/76 - 6/30/77
Total project period: 9/1/72 - 6/30/81
Rehabilitation Counselor Training Program
Dr. Carl E. Hansen, Associate Professor of Special Education

66. Amendment No. 1 - Grant No. 84-P-96060/6-01
Department of Health, Education, and Welfare
Rehabilitation Services Administration
Social and Rehabilitation Service - Region VI
Dallas, Texas
Authorizes transfer of funds between certain categories
Program: Career Development in Child Welfare
Graduate School of Social Work
Dr. George K. Herbert, Associate Dean

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

67. Revised Grant No. 06-D-000100-02
Department of Health, Education, and Welfare
Public Health Service, Region VI
Dallas, Texas
No additional funds; authorizes expenditure of \$3,175 unobligated balance from -01 year in the current -02 year 7/1/76 - 6/30/77
Total project period: 7/1/75 - 6/30/78
Health Professions Special Project/College of Pharmacy
Educational/training ambulatory-care clinical pharmacists
Dr. David W. Hawkins, Assistant Professor
Dr. Charles A. Walton, Assistant Dean

68. Grant AM19632-01
Department of Health, Education, and Welfare
Public Health Service
National Institute of Arthritis, Metabolism and Digestive Diseases
Bethesda, Maryland
\$39,671 (Travis County)
Current period: 1/1/77 - 12/31/77
Total project period: 1/1/77 - 12/31/79
Research: Control of muscle migration in growing bones
Dr. Philip G. Grant, Assistant Professor of Anthropology

69. Grant AM19898-02
Department of Health, Education, and Welfare
Public Health Service
National Institute of Arthritis, Metabolism and Digestive Diseases
Bethesda, Maryland
\$51,890 (Travis County)
Current period: 12/1/76 - 11/30/77
Total project period: 9/1/76 - 11/30/78
Research: Catalytic functions and metabolism of Vitamin B⁶
Dr. Esmond E. Snell
Professor of Microbiology

70. Extension (letter dated 2/14/77) - Grant GM19651-03
Department of Health, Education, and Welfare
Public Health Service
National Institute of General Medical Sciences
Bethesda, Maryland
No additional funds; extends the grant through 8/31/77 and approves carry-over funds from -02 year to -03 year
Current period: 2/1/76 - 8/31/77
Total project period: 2/1/74 - 8/31/77
Research: Thermometric methods of clinical analysis
Dr. Neil D. Jespersen
Assistant Professor of Chemistry

71. Grant DA01800-01
Department of Health, Education, and Welfare
Public Health Service
National Institute on Drug Abuse
Bethesda, Maryland
\$11,536 (Travis County)
Current period: 4/1/77 - 3/31/78
Total project period: 4/1/77 - 3/31/79
Research: Sedative-hypnotic physical dependence
Dr. John K. Belknap
Assistant Professor of Psychology

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

72. Extension (letter dated 1/10/77) - Grant GM09326-15
Department of Health, Education, and Welfare
Public Health Service
National Institute of General Medical Sciences
Bethesda, Maryland
No additional funds; extends grant period through 3/31/77
Research: Genetics and chemical studies of protein variations
Dr. H. Eldon Sutton
Professor of Zoology

73. Grant GM11300-14
Department of Health, Education, and Welfare
Public Health Service
National Institute of General Medical Sciences
Bethesda, Maryland
\$32,956 (Travis County)
Current period: 2/1/77 - 1/31/78
Total project period: 2/1/74 - 1/31/79
Research: Metabolic controls in light-driven metabolism
Dr. Jack E. Myers
Professor of Botany and of Zoology

74. Grant GM19582-05
Department of Health, Education, and Welfare
Public Health Service
National Institute of General Medical Sciences
Bethesda, Maryland
\$9,418 (Travis County)
Current period: 2/1/77 - 1/31/78
Total project period: 2/1/76 - 1/31/79
Research: Chromosome structures and meiotic mechanisms
Dr. Marjorie P. Maguire
Associate Professor of Zoology

75. Grant GM20024-04
Department of Health, Education, and Welfare
Public Health Service
National Institute of General Medical Sciences
Bethesda, Maryland
\$20,992 (Travis County)
Current period: 2/1/77 - 1/31/78
Total project period: 2/1/76 - 1/31/79
Research: The role of egg organization during early development
Dr. Gary L. Freeman
Associate Professor of Zoology

76. Grant GM24138-01
Department of Health, Education, and Welfare
Public Health Service
National Institute of General Medical Sciences
Bethesda, Maryland
\$25,631 (Travis County)
Current period: 1/1/77 - 12/31/77
Total project period: 1/1/77 - 12/31/78
Research: Control of cellular differentiation
Dr. Richard Starr
Professor of Botany

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

77. Grant HD03803-09
Department of Health, Education, and Welfare
Public Health Service
National Institute of Child Health and Human Development
Bethesda, Maryland
\$297,076 (Travis County)
Current period: 12/1/76 - 11/30/77
Total project period: 11/1/74 - 10/31/79
Research: Control mechanisms in reproduction
Dr. Terrell H. Hamilton
Professor of Zoology
78. Grant HD07727-03
Department of Health, Education, and Welfare
Public Health Service
National Institute of Child Health and Human Development
Bethesda, Maryland
\$26,009 (Travis County)
Current period: 1/1/77 - 12/31/77
Total project period: 1/1/77 - 12/31/78
Research: Reproduction, rhythms and photoreception
Dr. Michael Menaker
Professor of Zoology
79. Grant HL12528-09
Department of Health, Education, and Welfare
Public Health Service
National Heart, Lung, and Blood Institute
Bethesda, Maryland
\$22,497 (Travis County)
Current period: 2/1/77 - 1/31/78
Total project period: 2/1/75 - 1/31/78
Research: NMR relaxation of liquid crystal systems
Dr. Charles G. Wade
Associate Professor of Chemistry
80. Extension (letter dated 12/21/76) - Grant LM02333-02
Department of Health, Education, and Welfare
Public Health Service, National Institutes of Health
National Library of Medicine
Bethesda, Maryland
No additional funds; extends grant period through 3/31/77
Total project period: 10/1/74 - 3/31/77
Research: Costs and their assessment to users in a medical library
Dr. Abraham Charnes
Professor of General Business
81. Extension (letter dated 12/27/76) - Grant MH22590-03
Department of Health, Education, and Welfare
Public Health Service
National Institute of Alcohol, Drug Abuse, and Mental Health
Rockville, Maryland
No additional funds; extends grant termination date by seven months
Revised total project period: 5/1/73 - 1/31/77
Research: Impact of instruction and counseling on youth
Dr. John E. Roueche
Professor of Educational Administration

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82. Revised Grant NS08754-08

Department of Health, Education, and Welfare
Public Health Service

National Institute of Neurological and Communicative Disorders and Stroke
Bethesda, Maryland

Allows carryover of \$4,000 from prior budget period; total award
remains \$56,175

Current period: 12/1/76 - 11/30/77

Total project period: 10/1/75 - 11/30/80

Research: Psychophysics of binaural hearing

Dr. Dennis McFadden

Associate Professor of Psychology

83. Revised Grant NS11211-04

Department of Health, Education, and Welfare, Public Health Service

National Institute of Neurological and Communicative Disorders and Stroke
Bethesda, Maryland

Grant period revised to terminate grant effective 12/31/76

Research: Neural differentiation: Nerve growth factor proteins

Dr. Jose F. Perez-Polo

Assistant Professor of Zoology

84. Biotechnology Resource Grant RR00886-02S1

Department of Health, Education, and Welfare

Public Health Service

Division of Research Resources

Bethesda, Maryland

\$35,560 supplemental funds (Travis County)

Current period: 6/1/76 - 5/31/77

Total project period: 6/1/75 - 5/31/80

Center for Fast Kinetics Research (CFKR)

Dr. Edward L. Powers

Professor of Zoology

85. Modification No. 1 - Contract J-9-P-5-0067

U. S. Department of Labor

Office of the Assistant Secretary for Administration

Washington, D. C.

No additional funds; extends contract through 7/31/77

Research: The impact of industrial relations policies in Canada and
Mexico on U. S. industrial relations

Dr. Albert A. Blum, Professor

Lyndon B. Johnson School of Public Affairs

86. Grant No. 1069-787100

Department of State

Bureau of Educational and Cultural Affairs

Washington, D. C.

\$14,300 (Travis County)

Grant period: 11/1/76 - 8/31/77

To complete an academic program for a Portuguese teacher undertaking
graduate studies at the University

Dr. Joe W. Neal, Director

International Office

87. Extension (letter dated 12/21/76) - Grant ES-22328-75-403

National Endowment for the Humanities

Washington, D. C.

No additional funds; extends grant period through 8/31/77

Latin American Culture Studies Project in the Institute of Latin American
Studies

Dr. William P. Glade, Professor of Economics, and Director

Dr. Edward Glab, Jr., Social Sciences Research Associate IV

Institute of Latin American Studies

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88. Grant FS-26176-77-118
National Endowment for the Humanities
Washington, D. C.
\$42,172 (Travis County)
Grant period: 1/1/77 - 9/30/77
Summer Seminar: Famous American Judges
Dr. Wallace Mendelson
Professor of Government
89. Grant FS-26490-77-123
National Endowment for the Humanities
Washington, D. C.
\$39,535 (Travis County)
Grant period: 1/1/77 - 9/30/77
Summer Seminar for College Teachers: Middle Eastern Political Systems
Dr. James A. Bill
Professor of Government
90. Grant FS-26473-77-124
National Endowment for the Humanities
Washington, D. C.
\$43,288 (Travis County)
Grant period: 1/1/77 - 9/1/77
Summer Seminar: Standard English: Social Control and Individual Freedom
Dr. James Sledd
Professor of English
91. Extension (letter dated 1/14/77) - Grant PN-24290-76-217
National Endowment for the Humanities
Washington, D. C.
No additional funds; extends grant period through 8/31/77
Project: Radio Series: Latin American Review
Dr. William P. Glade, Professor of Economics, and Director,
Institute of Latin American Studies
Robert F. Schenkkan, Professor of Radio-Television-Film and
Director, Communication Center
92. Amendment A01 - Grant BNS75-10475
National Science Foundation
Washington, D. C.
\$3,400 additional funds (Travis County)
Current grant period: 11/1/75 - 4/30/78
Research: Vision and behavior
Dr. Joseph A. C. Nicol, Professor of Marine Studies
UT-Austin Marine Science Institute, Marine Science Laboratory at Port Aransas
93. Grant BNS76-24004
National Science Foundation
Washington, D. C.
\$4,500 (Travis County)
Grant period: 1/15/77 - 12/31/78
Doctoral Dissertation Research: Modernization strategies and domestic
organization on Northeast Brazilian plantations
R. Parry Scott (Candidate)
Dr. Richard N. Adams, Professor of Anthropology (Advisor)
94. Grant CHE76-22435
National Science Foundation
Washington, D. C.
\$53,200 (Travis County)
Grant period: 1/15/77 - 6/30/78
Research: Mechanisms of organic electrode reactions
Dr. Allen J. Bard
Professor of Chemistry

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95. Grant CHE76-83666
National Science Foundation
Washington, D. C.
\$42,300 (Travis County)
Grant period: 2/15/77 - 7/31/78
Research: Solar energy utilization by photosensitized electrode processes at semiconductor electrodes
Dr. Allen J. Bard
Professor of Chemistry
96. Grant DEB76-81979
National Science Foundation
Washington, D. C.
\$47,000 (Travis County)
Grant period: 1/1/77 - 6/30/78
Research: Operation of a culture collection of Algae
Dr. Richard C. Starr
Professor of Botany
97. Amendment A01 - Grant DMR75-18492
National Science Foundation
Washington, D. C.
\$30,000 additional funds (Travis County)
Extends grant: 1/15/77 - 7/31/78
Research: Calculations of surface properties of solids
Dr. Frederik W. de Wette
Professor of Physics
98. Modification A01 - Grant DSI71-02521 (formerly GN-31447)
National Science Foundation
Washington, D. C.
No additional funds; extends grant period from 11/30/76 through 11/30/78
Publication of San Lorenzo: Olmec Man and Olmec Land
Philip D. Jones, Director
The University of Texas Press
99. Amendment A01 - Grant EAR76-07600
National Science Foundation
Washington, D. C.
\$5,000 additional funds (Travis County)
Current grant period: 5/15/76 - 10/31/78
Research: Structural and stratigraphic history of the Franciscan complex and related rocks south and west of the Klamath Mountains
Dr. John C. Maxwell
Professor of Geological Sciences
100. Grant ENG76-15604
National Science Foundation
Washington, D. C.
\$86,200 (Travis County)
Grant period: 1/1/77 - 6/30/79
Research: Stress-strain properties of sea-floor clays subjected to wave loads
Dr. Stephen G. Wright
Associate Professor of Civil Engineering
101. Amendment A01 - Grant OCE76-01306
National Science Foundation, Washington, D. C.
\$29,000 additional funds (Travis County)
Extends grant period: 2/1/77 - 7/31/78
Research: Seagrass ecosystem study: stable carbon isotope ratios of food webs and biogeochemical cycles in seagrass ecosystems
Dr. Richard S. Scalan, Research Engineering Scientist Associate V
Dr. Patrick L. Parker, Professor of Marine Studies and Director,
Marine Science Laboratory at Port Aransas, UT-Austin Marine Science Institute

THE UNIVERSITY OF TEXAS AT AUSTIN
April 15, 1977

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

102. Grant OCE76-23300
National Science Foundation
Washington, D. C.
\$540,000 (Travis County)
Grant period: 1/1/77 - 6/30/78
Research: Tectonics of the Middle American Trench
Dr. Creighton A. Burk, Director
UT-Austin Marine Science Institute
103. Grant OCE76-24647
National Science Foundation
Washington, D. C.
\$31,300 (Travis County)
Grant period: 2/1/77 - 7/31/78
For acquisition of oceanographic equipment and facilities support
UT-Austin Marine Science Institute
Dr. Oswald A. Roels, Director
Marine Science Laboratory at Port Aransas
104. Grant OCE76-84298
National Science Foundation
International Decade of Ocean Exploration
Washington, D. C.
\$50,000 (Travis County)
Grant period: 1/1/77 - 6/30/78
Research: Environmental tolerances of seagrasses
Dr. Calvin McMillan
Professor of Botany
105. Grant PCM76-21492
National Science Foundation
Washington, D. C.
\$50,000 (Travis County)
Grant period: 1/1/77 - 6/30/79
Research: The role of the Shoot Apical Meristem in the processes
of leaf initiation, determination and development
Dr. James D. Mauseth
Assistant Professor of Botany
106. Amendment A03 - Grant PHY74-03563
National Science Foundation
Washington, D. C.
\$42,900 additional funds (Travis County)
Extends grant period: 1/1/77 - 7/31/78
Research: The role of gravitation in physics
Dr. Bryce S. DeWitt
Professor of Physics
107. Grant SMI77-00659
National Science Foundation
Washington, D. C.
\$27,950 (Travis County)
Grant period: 2/15/77 - 10/31/77
Project: Student science training for high ability secondary
school students
Dr. Irwin Spear
Professor of Botany
108. Amendment (letter dated 2/11/77) - Contract No. 77-C-004
Overseas Private Investment Corporation
Washington, D. C.
Reflects certain changes in the contract
Research project: OPIC Investment Insurance: An Analysis of the
Settlement of Investment Disputes
Dr. Sidney Weintraub, Dean Rusk Professor of Public Affairs
Lyndon B. Johnson School of Public Affairs

THE UNIVERSITY OF TEXAS AT AUSTIN
April 15, 1977

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

109. Extension (letter dated 1/24/77) - Contract PC6-22305

Smithsonian Institution

Washington, D. C.

No additional funds; extends the contract period through June 30, 1977

Research: An analysis of South American river sinuosity from ASTP imagery

Dr. Robert Holz, Professor of Geography

Dr. Victor R. Baker, Assistant Professor of Geological Sciences

THE UNIVERSITY OF TEXAS AT AUSTIN
AMENDMENTS TO THE 1976-77 OPERATING BUDGET
 BOARD OF REGENTS MEETING - April 15, 1977

The term "rate" for academic personnel is the full-time nine-month base rate; for all other personnel it is the full-time twelve-month rate, the appointee receiving a proportionate amount depending upon the fraction of time for which he is appointed and the period of his appointment. Source of funds for payment of salaries, unless otherwise shown, is the departmental salaries account.

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>GENERAL ADMINISTRATION AND STUDENT SERVICES</u>				
<u>Office of the President</u>				
Transfer Between Dissimilar Appropriations				
1. Amount of Transfer - \$1,200				
To: Travel				
From: Maintenance and Operation				
Reallocation of funds within this office to provide for anticipated travel expenses. (RBC# 2197)				
<u>Office of the President and Office of the Vice President for Academic Affairs</u>				
Appointment and Change of Status				
2. Gerhard Fonken				
Appointment:				
Office of the President				
Assistant to the President				
	3/1 - 5/31	50	12	\$ 38,087
	6/1 - 8/31	100		
Change of Status:				
Office of the Vice President for Academic Affairs				
Associate Provost				
	9/1 - 2/28	50	12	38,087
	9/1 - 5/31	50	12	38,087
	6/1 - 8/31	100		
Concurrent Employment:				
Chemistry				
Professor				
	9/1 - 5/31	50	9	28,566
(RBC# 2289, 2290, 2291, 2292)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>GENERAL ADMINISTRATION AND STUDENT SERVICES (Continued)</u>				
<u>Office of the President and Speech Communication</u>				
Change of Status				
3. Donald W. Zacharias (Tenure)				
Office of the President Assistant to the President				
To:	9/1 - 12/31	50	12	\$ 36,000
From:	9/1 - 5/31	50	12	36,000
	6/1 - 8/31	100		
Speech Communication Professor				
To:	9/1 - 12/31	50	9	27,000
	1/1 - 5/31	100		
From:	9/1 - 5/31	50	9	27,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 1978, 1979, 1980, 1897)				

Office of the Vice President for Student Affairs

Transfer Between Dissimilar Appropriations

4. Amount of Transfer - \$6,000

To: Classified Personnel

From: Administrative and Professional Salaries

Reallocation of salary funds within this office to provide funds for employment of temporary personnel.

(RBC# 2273)

Office of the Vice President for Administrative Services

Transfer of Funds

5. Amount of Transfer - \$2,000

To: Office of Vice President for Administrative Services -
Travel

From: Unallocated Travel

Funds were needed to defray travel expenses of the Director of Special Events Center.

(RBC# 2117)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>GENERAL ADMINISTRATION AND STUDENT SERVICES (Continued)</u>				
<u>Office of the Dean of Students</u>				
Appointment				
Assistant Director, Center for Teaching Effectiveness				
6. Marilla D. Svinicki	2/1 - 6/30	25	12	\$ 19,914
Concurrent Employment:				
Center for Teaching Effectiveness				
Assistant Director (RBC# 2344)	9/1 - 8/31	50	12	19,914
Ombudsman				
7. Anna C. Buie (RBC# 2320)	1/17 - 8/31	50	12	9,600

Transfer of Funds

8. Amount of Transfer - \$7,755

To: Office of the Dean of Students - Administrative and Professional Salaries (\$2,074)
- Classified Personnel (\$2,981)
- Wages (\$2,700)

From: Office of the Vice President for Student Affairs - Development of Student Services

To fund a pilot project on Student Facilitation for Teaching Improvement jointly sponsored by the Office of the Dean of Students and the Center for Teaching Effectiveness.
(RBC# 2508)

Office of Student Financial AidsTransfer of Funds

9. Amount of Transfer - \$2,100

To: Student Financial Aids - Maintenance and Operation

From: Office of the Vice President for Student Affairs - Development of Student Services

To provide for expenses incurred by a research project on current and adequate student expense budgets to be used in granting future financial aid packages.
(RBC# 2286)

<u>Item Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

GENERAL INSTITUTIONAL EXPENSEOffice of Institutional Studies

Transfer Between Dissimilar Appropriations

10. Amount of Transfer - \$4,343

To: Wages

From: Administrative and Professional Salaries

Reallocation of available salary funds to provide for personnel needed on a temporary basis.

(RBC# 2321)

Special Publication Project

Appointment

Editor

11. Hazel Ransom (RBC# 2004)	1/1 - 8/31	50	12	\$ 20,000
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Transfer of Funds

12. Amount of Transfer - \$10,779

To: Special Publications Project - Administrative and Professional Salaries - \$6,667
- Classified Personnel - \$3,112
- Maintenance and Operation - \$1,000

From: Unallocated Classified Personnel - \$9,779
Unallocated Maintenance and Operation - \$1,000

To establish a budget for publication of Dr. Ransom's speeches.
(RBC# 1993)

OFFICE OF THE VICE PRESIDENT AND DEAN OF GRADUATE STUDIES

Transfer of Funds

13. Amount of Transfer - \$2,000

To: Office of the Vice President and Dean of Graduate Studies - Minority Recruitment Travel

From: Unallocated Travel

Additional funds were needed to defray travel expenses incurred in recruiting minority graduate students.

(RBC# 2219)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

OFFICE OF THE VICE PRESIDENT FOR
ACADEMIC AFFAIRS

Transfer Between Dissimilar Appropriations

14. Amount of Transfer - \$6,648

To: Classified Personnel

From: Administrative and Professional Salaries

Reallocation of available salary funds within this office to provide for employment of an additional secretary.

(RBC# 2010)

Office of the Vice President for
Academic Affairs, Office of the President,
Psychology and Educational Psychology

Appointment

Vice President for Academic Affairs;
Professor

15. William Hays (Tenure)	1/1 - 8/31	100	12	\$ 48,000
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Source of Funds: Office of the
Vice President for Academic
Affairs - Administrative and
Professional Salaries

Academic Rate - \$33,750
(RBC# 2062, 2063, 2064, 2065)

SCHOOL OF ARCHITECTURE

Appointment

Director

16. Francesco N. Arumi	1/16 - 5/31	67	12	24,096
	6/1 - 8/31	100		

Concurrent Employment:
School of Architecture
Associate Professor

9/1 - 1/15	100	9	18,072
1/16 - 5/31	33		

(RBC# 2398, 2399, 2400)

Visiting Professor

17. Jeffrey E. Aronin (Non-tenure) (RBC# 2401, 2593)	1/16 - 3/13	100	9	27,000
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Assistant Dean

18. Charles O. Cappleman	1/16 - 5/31	50	9	17,386
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Source of Funds: Transfer from
the Schools Faculty Salaries
account

Concurrent Employment:
School of Architecture
Associate Professor

9/1 - 1/15	100	9	17,386
1/16 - 5/31	50		

(RBC# 2142, 2143, 2094)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SCHOOL OF ARCHITECTURE (Continued)</u>				
Appointment				
Instructor (Spring Semester Only)				
19. James D. David (Non-tenure) (RBC# 2202)	1/16 - 5/31	33	9	\$ 13,000
Instructor (Spring Semester Only)				
20. Kay W. Hahn (Non-tenure) (RBC# 2146)	1/16 - 5/31	33	9	12,000
Reappointment				
Lecturer (1976-77 Only)				
21. Charles C. Newton (Non-tenure) Previous appointment for the Fall Semester was at the same rate. (RBC# 2017)	1/16 - 5/31	75	9	14,900
Lecturer (1976-77 Only)				
22. Thomas W. Shefelman (Non-tenure) Fall Semester appointment was at the same rate. (RBC# 2047)	1/16 - 5/31	50	9	16,800
Specialist - Drawing/Graphics (1976-77 Only)				
23. Mark L. Smith (Non-tenure) Fall Semester appointment was at the same rate. (RBC# 2018)	1/16 - 5/31	33	9	10,000
Instructor (1976-77 Only)				
24. John A. Davison (Non-tenure) Previous appointment for the Fall Semester was at the same rate. (RBC# 2046)	1/16 - 5/31	50	9	12,000
Instructor (1976-77 Only)				
25. Wiley L. Cheatham (Non-tenure) Fall Semester appointment was at the same rate. (RBC# 2048)	1/16 - 5/31	100	9	10,000

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SCHOOL OF ARCHITECTURE (Continued)</u>				
Change of Status				
26. Ralph D. Spencer (Non-tenure)				
To: Director of Professional Affairs	9/1 - 1/15	60	12	\$ 27,073
Lecturer	9/1 - 5/31	40	9	18,055
From: Director of Professional Affairs	9/1 - 5/31	60	12	27,073
Lecturer	6/1 - 8/31	100		
(RBC# 2252, 2253)	9/1 - 5/31	40	9	18,055

Assistant Instructor

27. Michael D. Rainone (Non-tenure)

To:	9/1 - 1/15	50	9	9,500
	1/16 - 5/31	75		
From:	9/1 - 5/31	50	9	9,500
(RBC# 2570)				

Transfer Between Dissimilar Appropriations

28. Amount of Transfer - \$8,404

To: Faculty Salaries
 From: Administrative and Professional Salaries

To provide for the salaries of additional teachers needed due to large enrollment in design and drawing classes.
 (RBC# 1494)

COLLEGE OF HUMANITIESOffice of the DeanTransfer of Funds

29. Amount of Transfer - \$42,787

Transfers were made from the Dean's Special and Teaching Equipment account to the various departmental Teaching and Equipment accounts, as follows:

(1) Classics (RBC# 2036)	\$ 1,055
(2) English (RBC# 2035)	7,480
(3) Germanic Languages (RBC# 2034)	5,521
(4) Language Laboratory (RBC# 2032)	24,511
(5) Oriental and African Languages and Literatures (RBC# 2033)	4,220

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>COLLEGE OF HUMANITIES</u> (Continued)				
<u>Office of the Dean</u> (Continued)				
Interdepartmental Transfer				
30. Amount of Transfer - \$1,350				
To: Office of the Dean - Academic Development Fund				
From: Germanic Languages - Academic Development Fund				
To return to the Dean's account funds previously transferred to support the Dutch Symposium Publication as these expenses were paid from another source.				
(RBC# 2533)				
<u>Classics</u>				
Appointment				
Assistant Instructor				
31. James F. Johnson (Non-tenure)				
	1/16 - 5/31	50	9	\$ 9,000
Source of Funds: Transfer from Classics - Teaching Assistants (RBC# 2336, 2314)				
<u>English</u>				
Appointment				
Visiting Professor				
32. Juha Y. Pentikainen (Non-tenure)				
	1/16 - 5/31	100	9	20,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2364, 2267)				
Assistant Instructor				
33. Mary Jane Norrell (Non-tenure)				
	1/16 - 5/31	50	9	9,026
(RBC# 2574)				
Lecturer				
34. Francois G. Laroque (Non-tenure)				
	1/16 - 5/31	100	9	18,000
(RBC# 2087)				
Assistant Instructor				
35. Sharon A. Hood (Non-tenure)				
	1/16 - 5/31	25	9	9,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2475, 2367)				
Instructor				
36. Janice L. Haney (Non-tenure)				
	1/16 - 5/31	100	9	12,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2210, 2267)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>COLLEGE OF HUMANITIES</u> (Continued)				
<u>English</u> (Continued)				
Appointment				
Assistant Professor (Spring Semester Only)				
37. Russell T. Fowler (Non-tenure)	1/16 - 5/31	100	9	\$ 13,000
Sources of Funds: Transfer from Unallocated Faculty Salaries and College of Humanities - Dean's Reserve for Faculty Salaries (RBC# 2443, 2421, 2295)				
Instructor (Spring Semester Only)				
38. Elizabeth W. Fernea (Non-tenure)	1/16 - 5/31	25	9	11,160
Source of Funds: Transfer from Unallocated Faculty Salaries				
Concurrent Employment:				
Center for Middle Eastern Studies				
Instructor (Spring Semester Only)	1/16 - 5/31	75	9	11,160
(RBC# 2348, 2367)				
Instructor (Spring Semester Only)				
39. Vivienne M. Dickson (Non-tenure)	1/16 - 5/31	25	9	12,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2444, 2421)				
Reappointment				
Instructor (1976-77 Only)				
40. Judith M. Farrell (Non-tenure)	1/16 - 5/31	50	9	12,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
Fall Semester appointment was at the same rate.				
(RBC# 2380, 2421)				
Assistant Professor (1976-77 Only)				
41. Edward D. Oliphant (Non-tenure)	1/16 - 5/31	100	9	13,000
Fall Semester appointment was at the same rate.				
(RBC# 1960)				
Assistant Professor (1976-77 Only)				
42. Charles R. Olson (Non-tenure)	1/16 - 5/31	100	9	13,000
Fall Semester appointment was at the same rate.				
(RBC# 1959)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF HUMANITIES (Continued)</u>				
<u>English (Continued)</u>				
Reappointment				
Assistant Instructor				
43. James R. Stroud (Non-tenure)	1/16 - 5/31	50	9	\$ 9,500
Fall Semester appointment was at the same rate. (RBC# 2459)				
Change of Status				
Assistant Professor				
44. Andrew D. Rogers, Jr. (Non-tenure)				
To:	9/1 - 1/15	100	9	16,358
	1/16 - 5/31	67		
From:	9/1 - 5/31	100	9	16,358
Dr. Rogers has a 1/3T appointment at U.T. Arlington for the Spring Semester. (RBC# 2450)				
Resignation				
Assistant Instructor				
45. Margaret S. Putnam (Non-tenure)	9/1 - 5/31	50	9	9,000
Date of Resignation (RBC# 2513) 1/15/77				
Assistant Instructor				
46. James T. Cox, Jr. (Non-tenure)	9/1 - 5/31	50	9	9,000
Date of Resignation (RBC# 2122) 1/15/77				
Assistant Instructor				
47. Judy A. McQuade (Non-tenure)	9/1 - 5/31	50	9	9,000
Date of Resignation (RBC# 2121) 1/15/77				
Transfer of Funds				
48. Amount of Transfer - \$8,153				
To: English - Teaching Assistants				
From: Dean's Reserve for Faculty Salaries				
Additional teaching assistants were needed to staff Spring Semester course offerings. (RBC# 2436)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF HUMANITIES (Continued)</u>				
<u>Germanic Languages</u>				
Appointment				
Lecturer (Spring Semester Only)				
49. Fred Viebahn (Non-tenure)	1/16 - 5/31	100	9	\$ 16,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2296, 2327)				
<u>Oriental and African Languages and Literatures</u>				
Appointment				
Lecturer				
50. Dan Almagor (Non-tenure)	1/16 - 5/31	100	9	18,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2172, 2160)				
Lecturer				
51. Ella A. Almagor (Non-tenure)	1/16 - 5/31	50	9	16,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2173, 2160)				
<u>Philosophy</u>				
Appointment				
Visiting Professor				
52. John M. Cooper (Non-tenure)	2/18 - 2/27	100	9	25,200
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2610, 2583)				
Visiting Professor				
53. Michael J. Frede (Non-tenure)	1/21 - 1/30	100	9	27,898
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2609, 2583)				
Visiting Professor				
54. David J. Furley (Non-tenure)	3/18 - 2/27	100	9	27,898
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2608, 2583)				
Visiting Professor				
55. George Schlesinger (Non-tenure)	1/16 - 5/31	50	9	26,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2352, 2368)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
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COLLEGE OF HUMANITIES (Continued)

Philosophy (Continued)

Appointment

Visiting Professor

56. Ernest Sosa (Non-tenure)	1/16 - 5/31	100	9	\$ 30,000
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Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2354, 2368)

Interdepartmental Transfer

57. Amount of Transfer - \$4,000

To: Philosophy - Maintenance and Operation

From: Office of the Dean, College of Humanities - Classified Personnel (\$2,000) - Wages (\$2,000)

Funds available in the Dean's Office were needed for operating expenses of the Philosophy Department. (RBC# 2499, 2500)

Spanish and Portuguese

Appointment and Salary Increase

Assistant Instructor

58. Trisha R. Dvorak (Non-tenure)	1/16 - 5/31	50	9	9,000
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Previous appointment:

Teaching Assistant			9	<u>8,600</u>
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Rate Increase			<u>9</u>	<u>400</u>
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(RBC# 2328)

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

Office of the Dean

Transfer of Funds

59. Amount of Transfer - \$56,527

Transfers were made from the Dean's Special and Teaching Equipment account to the various departmental Special and Teaching Equipment accounts, as follows:

- (1) Anthropology (RBC# 2091) \$ 7,926
- (2) Geography (RBC# 2092) 7,795
- (3) Psychology (RBC# 2093) 35,767
- (4) Sociology (RBC# 2089) 1,150
- (5) Anthropological Laboratories (RBC# 2090) 2,614
- (6) Population Research Center (RBC# 2059) 1,275

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES
(Continued)

Office of the Dean (Continued)

Transfer of Funds

60. Amount of Transfer - \$2,000

To: Office of the Dean - British Studies Program

From: Unallocated Maintenance and Operation

To establish an account in the Dean's Office from which expenses of the Faculty Seminar in British Studies will be paid.
(RBC# 2631)

Anthropology

Appointment

Adjunct Assistant Professor

61. Joel D. Gunn (Non-tenure)

1/16 - 5/31 ---

9

\$ 13,975

Dr. Gunn is currently employed as an Assistant Professor at U.T. San Antonio.
(RBC# 2088)

Interdepartmental Transfer

62. Amount of Transfer - \$2,010

To: Anthropology - Classified Personnel

From: Office of the Dean - Classified Personnel

Reallocation of salary funds within the college to permit the continuation of full-time employment of a member of the classified staff in the Anthropology Department.
(RBC# 2498)

Economics

Leave of Absence

Assistant Professor

63. Charles B. Knapp (Non-tenure)

9/1 - 5/31 100

9

18,850

Term of Leave

1/16 - 5/31

(RBC# 441, 1958, 2355)

Professor

64. F. Ray Marshall (Tenure)

9/1 - 1/15 50

9

39,730

1/16 - 5/31 100

Term of Leave

1/16 - 5/31

Concurrent Employment:

Center for the Study of Human Resources

Project Director

9/1 - 1/15 50

9

39,730

(RBC# 446, 464, 1564, 1714, 2075, 2415)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES</u>				
(Continued)				
<u>Geography</u>				
<u>Appointment</u>				
<u>Adjunct Associate Professor</u>				
65. Malvin G. Bowden (Non-tenure) (RBC# 2073)	1/16 - 5/31	---	--	--
<u>Visiting Professor</u>				
66. Daniel B. Luten (Non-tenure) Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2438, 2457)	1/16 - 5/31	100	9	\$ 28,000
<u>Government</u>				
<u>Appointment</u>				
<u>Assistant Instructor</u>				
67. George C. Shipley (Non-tenure) Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2507, 2423)	1/16 - 5/31	50	9	9,000
<u>Instructor</u>				
68. Jeffrey I. Millstone (Non-tenure) Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2169, 2154)	1/16 - 5/31	100	9	12,500
<u>Visiting Professor (Spring Semester Only)</u>				
69. Bernard N. Darbyshire (Non-tenure) Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2300, 2323)	1/16 - 5/31	50	9	30,000
<u>Reappointment</u>				
<u>Assistant Professor</u>				
70. Wilber A. Chaffee, Jr. (Non-tenure) Fall Semester appointment was at the same rate. (RBC# 2079)	1/16 - 5/31	100	9	13,000
<u>Leave of Absence</u>				
<u>Instructor</u>				
71. Patricia Leeds (Non-tenure) Term of Leave (RBC# 2086)	9/1 - 5/31 1/16 - 5/31	100	9	13,000

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES</u> (Continued)				
<u>Government</u> (Continued)				
Interdepartmental Transfer				
72. Amount of Transfer - \$2,000				
To: Government - Teaching Assistants				
From: Linguistics - Teaching Assistants				
Reallocation of funds within this college to provide additional teaching assistant support needed by the Government Department. (RBC# 2373)				
<u>Government and School of Law</u>				
<u>Appointment</u>				
Assistant Professor (Spring Semester Only)				
73. Isabel Pritchard (Non-tenure)				
Government	1/16 - 5/31	50	9	\$ 15,000
School of Law	1/16 - 5/31	50	9	15,000
Sources of Funds: Transfers from Unallocated Faculty Salaries (RBC# 2439, 2318, 2322, 2423)				
<u>History</u>				
<u>Appointment</u>				
Visiting Professor (Spring Semester Only)				
74. James B. Crowley (Non-tenure)				
	1/16 - 5/31	100	9	33,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2168, 2153)				
Visiting Professor				
75. Roberto C. Conde (Non-tenure)				
	1/16 - 5/31	64	9	25,000
(RBC# 2353)				
Assistant Instructor				
76. Michael B. Davies (Non-tenure)				
	10/1 - 1/15	22.5	9	9,000
Concurrent Employment: Classics				
Assistant Instructor	9/1 - 5/31	50	9	9,000
(RBC# 2418)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES</u>				
(Continued)				
<u>History and English</u>				
Appointment				
Visiting Professor				
77. Richard Kostelanetz (Non-tenure)				
History	1/16 - 5/31	57	9	\$ 26,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
English	1/16 - 5/31	--	9	26,000
Concurrent Employment:				
American Studies Program				
Visiting Professor	1/16 - 5/31	43	9	26,000
(RBC# 2167, 2153, 2530)				
<u>Psychology</u>				
Appointment				
Visiting Professor (Spring Semester Only)				
78. Norman Adler (Non-tenure)	1/16 - 5/31	100	9	30,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2178, 2152)				
Assistant Professor				
79. John P. Foreyt (Non-tenure)	1/16 - 5/31	50	9	14,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2298, 2324)				
Visiting Associate Professor (Spring Semester Only)				
80. William M. Mace (Non-tenure)	1/16 - 5/31	100	9	18,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2166, 2152)				
Resignation				
Assistant Professor (1976-77 Only)				
81. Joy K. Stapp (Non-tenure)	9/1 - 5/31	75	9	14,000
Date of Resignation (RBC# 2350)				
1/15/77				
<u>Sociology</u>				
Appointment				
Assistant Professor (Spring Semester Only)				
82. Lillian Ellis (Non-tenure)	1/16 - 5/31	100	9	14,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2170, 2155)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>No. Mos.</u>	<u>Full-time Salary Rate</u>
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES</u>				
(Continued)				
<u>Sociology (Continued)</u>				
Appointment				
Instructor (Spring Semester Only)				
83. Willem Naberman (Non-tenure)	1/16 - 5/31	100	9	\$ 13,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2171, 2155)				
<u>Sociology and Language and Area Center for Latin American Studies</u>				
Appointment				
Visiting Professor				
84. Norman E. Long (Non-tenure)				
Sociology	1/16 - 5/31	58	9	24,000
Language and Area Center for Latin American Studies	1/16 - 5/31	42	9	24,000
Sources of Funds: Transfers from Unallocated Faculty Salaries (RBC# 2345, 2346, 2369, 2625)				
<u>COLLEGE OF NATURAL SCIENCES</u>				
<u>Office of the Dean</u>				
Reappointment				
Associate Dean				
85. Frederic W. deWette				
To:	9/1 - 5/31	67	9	31,406
From:	9/1 - 1/15	67	9	31,406
Concurrent Employment:				
Physics				
Professor	9/1 - 5/31	33	9	31,406
(RBC# 2085, 2084)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate

COLLEGE OF NATURAL SCIENCES (Continued)

Office of the Dean (Continued)

Transfer of Funds

86. Amount of Transfer - \$218,350

Transfers were made from the Dean's Special and Teaching Equipment account to the various departmental Special and Teaching Equipment accounts, as follows:

(1) Astronomy (RBC# 1954)				\$14,050
(2) Biological Sciences (RBC# 1953)			5,600	
(3) Botany (RBC# 1952)			15,500	
(4) Computer Sciences (RBC# 1951)			40,000	
(5) Geological Sciences (RBC# 1950)			15,000	
(6) Home Economics (RBC# 1949)			22,200	
(7) Mathematics (RBC# 1948)			1,500	
(8) Microbiology (RBC# 1947)			28,500	
(9) Physics (RBC# 1945, 1946)			42,000	
(10) Zoology (RBC# 1955)			34,000	

Astronomy

Leave of Absence

Assistant Professor

87. Marie-Helene Ulrich (Non-tenure) 9/1 - 5/31 100 9 \$ 18,800

Term of Leave 1/16 - 5/31
(RBC# 2209)

Transfer of Funds

88. Amount of Transfer - \$16,164

To: Astronomy - Teaching Assistants

From: Unallocated Faculty Salaries

To provide for the stipends of Teaching Assistants needed to staff Spring Semester course offerings.

(RBC# 2157)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Biological Sciences</u>				
Transfer of Funds				
89. Amount of Transfer - \$4,218				
To: Biological Sciences - Wages				
From: Unallocated Classified Salaries				
To provide the additional funds needed to increase a Student Development Specialist position from one-half time to full-time. (RBC# 2281)				
<u>Botany</u>				
Transfer of Funds				
90. Amount of Transfer - \$1,000				
To: Academic Development Funds				
From: Office of the Dean - Academic Development Funds				
To provide additional support for the Botany Department's visiting lecturers series. (RBC# 2532)				
<u>Chemistry</u>				
Appointment				
Visiting Professor				
91. James J. Turner (Non-tenure)	12/8 - 12/17	100	9	\$ 35,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2020, 1984)				
Visiting Professor				
92. Theodore L. Brown (Non-tenure)	2/14 - 2/27	100	9	30,600
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2525, 2618)				
Assistant Instructor				
93. Ta-Shue Chou (Non-tenure)	1/16 - 5/31	25	9	9,000
(RBC# 2331)				
Assistant Instructor				
94. Bor-Her Chen (Non-tenure)	1/16 - 5/31	50	9	9,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2329, 2268)				
Assistant Instructor				
95. Ronald L. Harris (Non-tenure)	1/16 - 5/31	25	9	9,000
(RBC# 2330)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Chemistry (Continued)</u>				
Appointment				
Visiting Professor				
96. Dudley R. Herschbach (Non-tenure)	1/31 - 2/11	100	9	\$ 34,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2211, 2268)				
Reappointment				
Assistant Instructor				
97. Wayne K. Dennard (Non-tenure)	1/16 - 5/31	50	9	9,026
Source of Funds: Transfer from Unallocated Faculty Salaries				
Fall Semester appointment was at the same rate. (RBC# 2503, 2618)				
Change of Status				
Research Scientist				
98. Ben A. Shoulders				
To:	9/1 - 5/31	50	12	23,626
From:	9/1 - 8/31	50	12	23,626
Concurrent Employment:				
Research Instruments Laboratory Research Scientist				
(RBC# 2080)	9/1 - 8/31	50	12	23,626
Resignation				
Assistant Instructor				
99. Mahmoud R. M. Ismail (Non-tenure)	9/1 - 5/31	50	9	9,250
Date of Resignation	1/15/77			
(RBC# 2333)				
Transfer of Funds				
100. Amount of Transfer - \$27,392				
To: Chemistry - Teaching Assistants				
From: Unallocated Faculty Salaries				
To provide for the stipends of Teaching Assistants needed for the Spring Semester. (RBC# 2150)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Chemistry and Clayton Foundation Biomedical Institute</u>				
<u>Appointment</u>				
101. Kuan Wang (Non-tenure)				
Chemistry				
Assistant Professor	1/16 - 5/31	50	9	\$ 16,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
Clayton Foundation Biochemical Institute				
Research Scientist (Faculty)				
Current Restricted - Clayton Foundation Research in Biochemistry Account	12/31 - 1/15	100	9	16,000
General Budget Funds - Transfer from Unallocated Faculty Salaries (RBC# 1977, 2019, 2112, 1984, 301)	1/16 - 5/31	50	9	16,000
<u>Computer Sciences</u>				
<u>Appointment</u>				
Assistant Professor				
102. Tilak K. Agerwalda (Non-tenure)	1/16 - 5/31	---	9	14,800
Concurrent Employment: Electrical Engineering Assistant Professor (RBC# 2012)	9/1 - 5/31	100	9	14,800
Visiting Professor				
103. Tien C. Chen (Non-tenure)	11/23 - 12/11	100	9	29,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2023, 1988)				
Assistant Professor (Spring Semester Only)				
104. George H. Culp (Non-tenure)	1/16 - 5/31	25	9	16,668
Source of Funds: Transfer from Unallocated Faculty Salaries				
Concurrent Employment: Computation Center Research Scientist Associate V	9/1 - 1/15	100	12	22,224
	1/16 - 5/31	75		
	6/1 - 8/31	100		
(RBC# 2024, 1988)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Computer Sciences (Continued)</u>				
<u>Appointment</u>				
<u>Visiting Professor (Spring Semester Only)</u>				
105. John G. Laski (Non-tenure)	1/16 - 5/31	100	9	\$ 25,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2385, 2370)				
<u>Visiting Professor</u>				
106. C. L. Liu (Non-tenure)	1/28 - 2/13	100	9	30,375
(RBC# 2451)				
<u>Lecturer</u>				
107. Donn B. Parker (Non-tenure)	2/14 - 2/28	100	9	33,615
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2531, 2587)				
<u>Visiting Professor</u>				
108. Dabbala R. Reddy (Non-tenure)	3/1 - 3/17	100	9	32,832
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2607, 2587)				
<u>Instructor (Spring Semester Only)</u>				
109. Richard T. Wang (Non-tenure)	1/16 - 5/31	33	9	11,151
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2351, 2370)				
<u>Resignation</u>				
<u>Assistant Professor</u>				
110. John H. Howard, Jr. (Non-tenure)	9/1 - 5/31	43	9	20,603
Date of Resignation 1/31/77				
Concurrent Employment:				
Research Scientist	9/1 - 5/31	57	12	27,470
(RBC# 2441)				
<u>Retirement</u>				
111. Erna H. Pearson (Non-tenure)				
Lecturer	9/1 - 5/31	50	9	17,396
Research Scientist (Faculty) - NSF Grant Funds	9/1 - 5/31	50	9	17,396
Date of Retirement 1/15/77				
(RBC# 2196, 2466)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Computer Sciences and Electrical Engineering</u>				
Reappointment				
112. Moonis Ali (Non-tenure)				
Computer Sciences Instructor	1/16 - 5/31	67	9	\$ 14,500
Source of Funds: Transfer from Unallocated Faculty Salaries				
Electrical Engineering - U.S. Air Force Contract Funds Research Engineer (Faculty)	1/16 - 5/31	33	9	14,500
Previous appointments were at the same rate. (RBC# 2021, 2127, 2174, 1988)				
<u>Geological Sciences</u>				
Change of Status				
Lecturer				
113. Don G. Bebout (Non-tenure)				
To:	9/1 - 1/15	---	--	--
	1/16 - 5/31	50	9	21,000
From:	9/1 - 5/31	---	--	--
Concurrent Employment:				
Bureau of Economic Geology Research Scientist	9/1 - 1/15	100	12	28,000
	1/16 - 5/31	50		
	6/1 - 8/31	100		
(RBC# 2501, 2472, 2468, 2473)				
114. Ralph O. Kehle				
To: Associate Professor (Tenure)	9/1 - 1/15	100	9	21,596
Adjunct Associate Professor (Non-tenure)	1/16 - 5/31	---	9	21,596
From: Associate Professor (Tenure)	9/1 - 5/31	100	9	21,596
(RBC# 2442)				
<u>Geological Sciences and Marine Studies</u>				
Appointment				
Visiting Professor				
115. Charles L. Drake (Non-tenure)				
Geological Sciences	1/16 - 5/31	12.5	9	32,000
Marine Studies	2/1 - 5/31	50	9	32,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2384, 2613, 2592)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Home Economics</u>				
Appointment				
Instructor (Spring Semester Only)				
116. Janie K. Sieberg (Non-tenure)	1/16 - 5/31	33	9	\$ 10,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2379, 2619)				
Transfer of Funds				
117. Amount of Transfer - \$4,900				
To: Home Economics - Teaching Assistants				
From: Unallocated Faculty Salaries				
To provide for the stipends of Teaching Assistants needed to staff Spring Semester course offerings. (RBC# 2158)				
<u>Marine Studies and Marine Science Institute - Galveston</u>				
Appointment				
118. Toshimatsu Matsumoto (Tenure)				
Appointment:				
Marine Studies Professor	1/16 - 5/31	---	9	19,826
Reappointment				
Marine Science Institute - Galveston Research Scientist (Faculty)	2/1 - 7/31	100	12	26,434
Source of Funds: NASA Contract				
Previous appointment was at the same rate. (RBC# 2362, 2638)				
119. Yosio Nakamura (Tenure)				
Appointment:				
Marine Studies Professor	1/16 - 5/31	---	9	21,703
Reappointment:				
Marine Science Institute - Galveston - NASA Contract Funds Research Scientist (Faculty)	2/1 - 8/31	100	12	28,937
Previous appointment was at the same rate. (RBC# 2022A, 2582)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Mathematics</u>				
<u>Appointment</u>				
<u>Instructor</u>				
120. Frederic B. Weissler (Non-tenure) (RBC# 2365)	1/16 - 5/31	50	9	\$ 12,500
<u>Visiting Associate Professor</u>				
121. Daniel R. Lewis (Non-tenure) Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2604, 2584)	2/14 - 2/27	100	9	27,000
<u>Visiting Associate Professor</u>				
122. Hui-Hsiung Kuo (Non-tenure) Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2605, 2584)	2/21 - 3/6	100	9	28,172
<u>Instructor</u>				
123. Sylvia M. Goodrich (Non-tenure) Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2606, 2584)	1/16 - 5/31	50	9	12,586
<u>Instructor (Spring Semester Only)</u>				
124. Minna M. Chao (Non-tenure) (RBC# 2313)	1/16 - 5/31	50	9	10,000
<u>Reappointment</u>				
<u>Instructor (1976-77 Only)</u>				
125. Nancy S. Hamilton (Non-tenure) Fall Semester appointment was at the same rate. (RBC# 2312)	1/16 - 5/31	50	9	10,000
<u>Change of Status</u>				
<u>Assistant Instructor</u>				
126. Gary H. Richter (Non-tenure)				
To:	9/1 - 1/15	50	9	9,000
From: (RBC# 2505)	9/1 - 5/31	50	9	9,000
<u>Assistant Instructor</u>				
127. Ira W. Lewis (Non-tenure)				
To:	9/1 - 1/15	50	9	9,200
From: (RBC# 2504)	9/1 - 5/31	50	9	9,200

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF NATURAL SCIENCES (Continued)

Mathematics (Continued)

Change of Status

Assistant Instructor

128. Ralph L. Best (Non-tenure)

To:	9/1 - 1/15	50	9	\$ 9,000
From:	9/1 - 5/31	50	9	9,000

(RBC# 2571)

Resignation

Assistant Instructor

129. Pearl E. L. Olson (Non-tenure)

Date of Resignation	9/1 - 5/31	50	9	9,500
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(RBC# 2119)

Associate Professor

130. Newcomb Greenleaf (Tenure)

Date of Resignation	9/1 - 1/15	LWOP	9	(23,400)
	1/16 - 5/31	100	9	23,400

(RBC# 2083)

Microbiology

Reappointment

Instructor

131. David Simon (Non-tenure)

	1/16 - 5/31	50	9	13,000
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Source of Funds: Transfer from Unallocated Faculty Salaries

Previous appointment for the Fall Semester in the Zoology Department was at the same rate.

(RBC# 2603, 2586)

Transfer of Funds

132. Amount of Transfer - \$3,119

To: Microbiology - Teaching Assistants

From: Unallocated Faculty Salaries

To provide the additional funds needed for Spring Semester Teaching Assistants.

(RBC# 1986)

Physics

Appointment

Visiting Professor (Spring Semester Only)

133. Josef Werle (Non-tenure)

	1/16 - 5/31	100	9	30,000
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Source of Funds: Transfer from Unallocated Faculty Salaries

(RBC# 2175, 2156)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES</u> (Continued)				
<u>Physics</u> (Continued)				
Appointment				
Visiting Professor				
134. Hans Bethe (Non-tenure)	2/9 - 2/28	100	9	\$ 45,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2526, 2620)				
Reappointment				
Assistant Professor (1976-77 Only)				
135. Herman E. Matthews (Non-tenure)	1/16 - 5/31	50	9	15,588
Source of Funds: Transfer from Unallocated Faculty Salaries				
Fall Semester appointment was at the same rate.				
Concurrent Employment:				
Physics				
Research Scientist Associate V (RBC# 2496, 2515)	1/16 - 5/31	50	12	20,784
Reappointment and Salary Increase				
Instructor (Spring Semester Only)				
136. Simeon K. S. Ma (Non-tenure)	1/16 - 5/31	50	9	10,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
Previous appointment:				
Assistant Instructor	9/1 - 1/15	25	9	<u>9,000</u>
Rate Increase (RBC# 2378, 2515)				
			<u>9</u>	<u>1,000</u>
<u>Physics and Mathematics</u>				
Appointment				
Visiting Associate Professor				
137. Amar Maheshwari (Non-tenure)				
Physics	1/17 - 2/1	100	9	33,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
Mathematics (RBC# 2381, 2448, 2515)	2/2 - 2/15	100	9	33,000
<u>Zoology</u>				
Appointment				
Visiting Professor				
138. Gary Felsenfeld (Non-tenure)	1/16 - 1/27	75	9	27,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2310, 2274)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES</u> (Continued)				
<u>Zoology</u> (Continued)				
Appointment				
Visiting Professor				
139. George Lefevre, Jr. (Non-tenure)	2/14 - 2/23	100	9	\$ 25,500
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2602, 2585)				
Assistant Professor (Spring Semester Only)				
140. Bruce A. Rouse (Non-tenure)	1/16 - 5/31	50	9	15,120
Source of Funds: Transfer from Unallocated Faculty Salaries				
Concurrent Employment:				
School of Nursing				
Assistant Professor	9/1 - 5/31	50	9	15,120
(RBC# 2311, 2274)				
Assistant Professor				
141. Michael C. Singer (Non-tenure)	1/16 - 5/31	100	9	17,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2176, 2271)				
Change of Status				
Assistant Professor				
142. Jose R. Perez (Non-tenure)				
To:	9/1 - 12/31	100	9	18,006
From:	9/1 - 1/15	100	9	18,006
(RBC# 2195)				
Transfer of Funds				
143. Amount of Transfer - \$1,800				
To: Zoology - Academic Development Fund				
From: Office of the Dean, College of Natural Sciences - Academic Development Fund				
Funds were used for visiting lecturers. (RBC# 2031)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

DIVISION OF GENERAL AND COMPARATIVE STUDIES

Office of the Dean

Transfer Between Dissimilar Appropriations

144. Amount of Transfer - \$2,000

To: Maintenance and Operation

From: Administrative and Professional Salaries

Reallocation of funds to provide for operating expenses.
(RBC# 2481)

Transfer of Funds

145. Amount of Transfer - \$1,200

To: Office of the Dean - Visiting Lecturers and Consultants

From: Unallocated Visiting Lecturers and Consultants

To provide additional support for Visiting Lecturers and Consultants for the Office of the Dean.
(RBC# 2269)

Comparative Studies

Appointment

Visiting Associate Professor

146. Roger W. Lipsey (Non-tenure) 1/16 - 5/31 100 9 \$ 20,000

Source of Funds: Transfer from
Unallocated Faculty Salaries
(RBC# 2383, 2405)

Comparative Studies and American Studies

Appointment

Lecturer

147. David B. Adams (Non-tenure)

Comparative Studies 1/16 - 5/31 99 9 13,500

American Studies 1/16 - 5/31 1 9 13,500

Sources of Funds: Transfers from
Unallocated Faculty Salaries
(RBC# 2437, 2447, 2621, 2622)

Plan II

Interdepartmental Transfer

148. Amount of Transfer - \$4,165

To: Plan II - Classified Personnel

From: Language and Area Center for Latin American Studies -
Classified Personnel

Reallocation of salary funds within this Division to provide for the establishment of a new secretarial position needed in the Plan II office.
(RBC# 2431)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>DIVISION OF GENERAL AND COMPARATIVE STUDIES (Continued)</u>				
<u>American Studies</u>				
Appointment				
Assistant Instructor				
149. Peter B. Hales (Non-tenure)	1/16 - 5/31	50	9	\$ 9,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2165, 1901)				
<u>Ethnic Studies: African and Afro-American</u>				
Appointment				
Assistant Professor (Spring Semester Only)				
150. Mary Z. A. Ward (Non-tenure)	1/16 - 5/31	50	9	15,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
Concurrent Employment:				
Government				
Assistant Professor (1976-77 Only)	9/1 - 5/31	50	9	15,000
(RBC# 2386, 2420)				
<u>Ethnic Studies: African and Afro-American, and English</u>				
Appointment				
Lecturer				
151. George Lamming (Non-tenure)				
Ethnic Studies: African and Afro-American	1/16 - 5/31	50	9	24,000
English	1/16 - 5/31	50	9	24,000
Sources of Funds: Transfers from Unallocated Faculty Salaries (RBC# 2349, 2449, 2367, 2420)				
<u>Ethnic Studies: Mexican-American</u>				
Reappointment				
Assistant Instructor				
152. Daniel E. Murguia (Non-tenure)	1/16 - 5/31	37.5	9	10,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
Fall Semester appointment was at the same rate.				
Concurrent Employment:				
Sociology				
Assistant Instructor	9/1 - 5/31	37.5	9	10,000
(RBC# 2506, 2623)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>DIVISION OF GENERAL AND COMPARATIVE STUDIES (Continued)</u>				
<u>Ethnic Studies: Mexican-American (Continued)</u>				
Resignation				
Assistant Instructor				
153. Andrew A. Tijerina (Non-tenure)	9/1 - 5/31	50	9	\$ 9,526
Date of Resignation (RBC# 2120)	1/15/77			
<u>Center for Asian Studies and American Studies</u>				
Appointment				
Instructor (Spring Semester Only)				
154. Caroline B. Brettell (Non-tenure)				
Asian Studies	1/16 - 5/31	47	9	10,000
American Studies	1/16 - 5/31	3	9	10,000
Sources of Funds: Transfers from Unallocated Faculty Salaries (RBC# 2445, 2446, 2622, 2624)				
<u>Language and Area Center for Latin American Studies</u>				
Appointment				
Visiting Professor				
155. Affonso de Sant'Anna (Non-tenure)	1/16 - 5/31	100	9	30,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2294, 2325)				
Change of Status				
Associate Director				
156. Lawrence S. Graham				
To:	7/16 - 8/31	100	9	22,750
From:	6/1 - 8/31	50	9	22,750
Academic Status: Professor (Government) (RBC# 2359, 2360)				
Transfer Between Dissimilar Appropriations				
157. Amount of Transfer - \$2,378				
To: Administrative and Professional Salaries				
From: Classified Personnel				
Reallocation of salary funds to provide for personnel currently employed. (RBC# 1956, 1957, 2502)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>DIVISION OF GENERAL AND COMPARATIVE STUDIES (Continued)</u>				
<u>Center for Middle Eastern Studies</u>				
<u>Appointment</u>				
158. Victorine C. Abboud (Non-tenure)				
<u>Appointment:</u>				
Assistant Professor (Spring Semester Only)	1/16 - 5/31	33	9	\$ 14,474
Source of Funds: Transfer from Dean's Reserve for Faculty Salaries				
<u>Reappointment:</u>				
Assistant Director (for Improved Teaching Methods) - Office of Education Contract Funds				
To:	9/1 - 6/30	50	9	14,474
From:	9/1 - 5/31	50	9	14,474
(RBC# 2297, 2467, 1943)				
Lecturer (Spring Semester Only)				
159. Caroline H. Williams (Non-tenure)	1/16 - 5/31	50	9	14,000
(RBC# 2361)				
<u>Resignation</u>				
<u>Director</u>				
160. Paul W. English	6/1 - 8/31	60	9	28,200
Remove from the Center's Summer Budget.				
<u>Concurrent Employment:</u>				
Geography - Summer Session Budget				
Professor	6/1 - 7/15	100	9	28,200
(RBC# 2082)				

COLLEGE OF BUSINESS ADMINISTRATIONOffice of the DeanTransfer of Funds

161. Amount of Transfer - \$1,815

To: Office of the Dean - Special Equipment

From: Plant Funds - Reserve for Equipment and Improvements

To provide for the purchase of a CRT Computer Terminal and coupler which will replace one transferred to other facilities on campus.
(RBC# 2234)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF BUSINESS ADMINISTRATION</u>				
(Continued)				
<u>Accounting</u>				
Leave of Absence				
John Arch White Professor				
162. Glenn A. Welsch (Tenure)	9/1 - 5/31	100	9	\$ 34,100
Term of Leave	1/16 - 5/31			
(RBC# 2140)				
Resignation				
Assistant Instructor				
163. Ronald S. Ross (Non-tenure)	9/1 - 5/31	50	9	9,000
Date of Resignation	1/15/77			
(RBC# 2493)				
Assistant Instructor				
164. Dalton D. Ward (Non-tenure)	9/1 - 5/31	50	9	9,000
Date of Resignation	1/15/77			
(RBC# 2042)				
<u>Finance</u>				
<u>Appointment</u>				
Assistant Professor (Spring Semester Only)				
165. Tom W. Miller (Non-tenure)	1/16 - 5/31	100	9	18,500
(RBC# 2254)				
Resignation				
Lecturer				
166. J. Howard Hayden (Non-tenure)	1/16 - 5/31	55	9	15,600
Date of Resignation	1/15/77			
(RBC# 2139)				
<u>General Business</u>				
<u>Appointment</u>				
Adjunct Assistant Professor				
167. Adrian M. Overstreet, Jr. (Non-tenure)	1/16 - 5/31	25	9	16,096
(RBC# 2138)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate

COLLEGE OF BUSINESS ADMINISTRATION
(Continued)

Management

Appointment

Lecturer

168. David A. Sands (Non-tenure) 1/16 - 5/31 --- 9 \$ 16,119

Fall Semester appointment was at the same rate.

Concurrent Employment:
Council for Advanced Transportation Studies

Social Science Research Associate V (RBC# 2144) 9/1 - 1/31 100 12 21,492

Reappointment

Adjunct Professor

169. Leo B. Osterhaus (Non-tenure) 1/16 - 5/31 25 9 17,990

Source of Funds: Transfer from Unallocated Faculty Salaries

Fall Semester appointment was at the same rate.
(RBC# 2317, 2326)

Change of Status

Professor

170. Floyd S. Brandt (Tenure)

To: 9/1 - 5/31 33 9 30,000

From: 9/1 - 1/15 33 9 30,000
1/16 - 5/31 ---

Source of Funds: Transfer from Unallocated Faculty Salaries

Concurrent Employment:

Office of Analysis and Planning Director 9/1 - 5/31 67 12 40,000

Office of the President Director of Analysis and Planning and Assistant to the President 9/1 - 8/31 --- 12 40,000
(RBC# 2068, 2194, 2118)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>No. Mos.</u>	<u>Full-time Salary Rate</u>
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COLLEGE OF BUSINESS ADMINISTRATION
(Continued)

Management and Council for Advanced Transportation Studies

Reappointment

171. John F. Betak (Non-tenure)

Management Lecturer

1/16 - 5/31	25	9	\$ 16,101
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Source of Funds: Transfer from Unallocated Faculty Salaries

Council for Advanced Transportation Studies - Interagency

Contract Funds

Assistant Director

1/16 - 5/31	75	12	21,492
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Previous appointments were at the same rates.

(RBC# 2137, 2339, 2118)

SCHOOL OF COMMUNICATION

Office of the Dean

Appointment

Acting Dean

172. Robert C. Jeffrey

1/16 - 5/31	67	9	30,200
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Concurrent Employment:

Speech Communication Professor

1/16 - 5/31	33	9	30,200
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(RBC# 2116, 2132)

Reappointment

Associate Dean

173. Norris G. Davis

7/16 - 8/31	100	9	28,500
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Source of Funds: Dean's Office - Administrative and Professional Salaries and Transfer from Unallocated Faculty Salaries

Previous appointment was at the same rate.

Academic Status: Professor (Journalism)

(RBC# 2514, 370)

Interdepartmental Transfer

174. Amount of Transfer - \$15,851

To: Office of the Dean - Dean's Reserve for Faculty Salaries

From: Journalism - Faculty Salaries

Transfer funds to the Dean's Office to hold for anticipated Spring Semester faculty appointments in the School of Communication.

(RBC# 1493)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>No. Mos.</u>	<u>Full-time Salary Rate</u>
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SCHOOL OF COMMUNICATION (Continued)

Advertising

Transfer of Funds

175. Amount of Transfer - \$1,750

To: Advertising - Teaching Assistants

From: Office of the Dean - Reserve for Faculty Salaries

To provide for the stipends of two Teaching Assistants needed for the Spring Semester.

(RBC# 2028)

Journalism

Appointment

Adjunct Professor

176. Elizabeth S. Carpenter
(Non-tenure)
(RBC# 2136)

1/16 - 5/31 33 9 \$ 24,000

Instructor

177. Fred E. Attal (Non-tenure)
(RBC# 2135)

1/16 - 5/31 33 9 12,000

Transfer of Funds

178. Amount of Transfer - \$9,400

To: Journalism - Teaching Assistants

From: Office of the Dean - Reserve for Faculty Salaries

To provide for the stipends of Teaching Assistants needed for the Spring Semester.

(RBC# 2029)

Radio/TV/Film

Appointment

Specialist, Audio Instruction

179. Bruce M. Martin (Non-tenure)
(RBC# 2134)

1/16 - 5/31 25 9 12,000

Instructor (Spring Semester Only)

180. Evard W. Wadsworth (Non-tenure)
(RBC# 2396)

1/16 - 5/31 100 9 12,000

Resignation

Instructor

181. Edward M. Davidson, III
(Non-tenure)

9/1 - 5/31 100 9 12,466

Date of Resignation

1/15/77

(RBC# 2133)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

SCHOOL OF COMMUNICATION (Continued)Radio/TV/Film (Continued)

Transfer of Funds

182. Amount of Transfer - \$11,160

To: Radio/TV/Film - Teaching Assistants

From: Unallocated Faculty Salaries - \$5,160

Office of the Dean - Reserve for Faculty Salaries - \$6,000

To provide for the stipends of Teaching Assistants needed for the Spring Semester.

(RBC# 1967, 2027)

Speech Communication

Reappointment

Instructor

183. Neal A. Hartman (Non-tenure) 1/16 - 5/31 --- 9 10,000

Fall Semester appointment was at the same rate.

(RBC# 2395)

Resignation

Adjunct Associate Professor

184. Sharon Kulig (Non-tenure) 9/1 - 5/31 --- -- --

Date of Resignation

2/11/77

(RBC# 2494)

Transfer of Funds

185. Amount of Transfer - \$1,750

To: Speech Communication - Teaching Assistants

From: Unallocated Faculty Salaries

To provide for the stipend of a Teaching Assistant needed to staff two sections of a Speech course opened following Spring registration.

(RBC# 2162)

Interdepartmental Transfer

186. Amount of Transfer - \$1,500

To: Speech Communication - Wages

From: Office of the Dean - Classified Personnel

Reallocation of salary funds to provide for part-time clerical help needed by the Speech Communication Department.

(RBC# 2489)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
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COLLEGE OF EDUCATION

Office of the Dean

Reappointment

Associate Dean

187. Edmund T. Emmer	7/16 - 8/31	100	9	\$ 21,400
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Previous appointment was at the same rate.

Academic Status: Associate Professor (Educational Psychology) (RBC# 2013)

Transfer of Funds

188. Amount of Transfer - \$61,287

Transfers were made from the Dean's Special Equipment account to various departmental Special Equipment accounts, as follows:

- (1) Curriculum and Instruction (RBC# 1940) \$ 8,430
- (2) Educational Psychology (RBC# 1941) 1,566
- (3) Health, Physical Education, and Recreation (RBC# 1942) 43,323
- (4) Learning Disability Center (RBC# 1932) 2,996
- (5) Learning Resources Center (RBC# 1933) 1,664
- (6) Science Education Center (RBC# 1934) 3,308

Educational Administration

Appointment

Lecturer

189. Jack L. Davidson (Non-tenure)	1/16 - 5/31	33	9	24,000
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Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2180, 2232)

Educational Psychology

Appointment

Adjunct Assistant Professor

190. Robert J. Silver (Non-tenure)	1/16 - 5/31	25	9	16,825
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Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2186, 2159)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>COLLEGE OF EDUCATION (Continued)</u>				
<u>Educational Psychology (Continued)</u>				
Appointment				
Assistant Professor				
191. Philip M. Powell (Non-tenure)	1/16 - 5/31	100	9	\$ 16,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2188, 2159)				
Assistant Instructor				
192. James B. Murphy (Non-tenure)	1/16 - 5/31	20	9	9,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2278, 2516)				
Adjunct Assistant Professor (Spring Semester Only)				
193. Barbara A. Bailey (Non-tenure)	1/16 - 5/31	25	9	16,725
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2187, 2159)				
Assistant Instructor				
194. Helen F. Durio (Non-tenure) (RBC# 2145)	1/16 - 5/31	17.5	9	9,000
Reappointment				
Assistant Instructor				
195. Gail F. King (Non-tenure)	1/16 - 5/31	42.5	9	9,000
Previous appointment for the Fall Semester was at the same rate. (RBC# 3039)				
Change of Status				
Assistant Instructor				
196. Robert B. Germain (Non-tenure)				
To:	9/1 - 1/15	25	9	9,000
	1/16 - 5/31	42.5		
From:	9/1 - 5/31	25	9	9,000
(RBC# 2040)				
Resignation				
Assistant Instructor				
197. Linda Wukasch (Non-tenure)	9/1 - 5/31	25	9	9,000
Date of Resignation (RBC# 2492)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF EDUCATION (Continued)</u>				
<u>Health, Physical Education, and Recreation</u>				
Appointment				
Instructor				
198. Michele N. Lees (Non-tenure)	1/16 - 5/31	50	9	\$ 12,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2598, 2627)				
Specialist (Physical Activity) (Spring Semester Only)				
199. Kevyn J. Robertson (Non-tenure) (RBC# 2432)	1/16 - 5/31	100	9	10,000
Leave of Absence				
Specialist				
200. Sanjuanita Martinez (Non-tenure)	9/1 - 5/31	100	9	13,426
Term of Leave (RBC# 2309)				
<u>Learning Disabilities Center</u>				
Transfer Between Dissimilar Appropriations				
201. Amount of Transfer - \$3,122				
To: Maintenance and Operation				
From: Classified Personnel				
Funds available in the Classified Personnel account were needed to pay for postage, supplies, and other operating expenses. (RBC# 2480)				
<u>Special Education</u>				
Appointment				
Lecturer (Spring Semester Only)				
202. Ralph Hanna (Non-tenure) (RBC# 2016)	1/16 - 5/31	25	9	16,545
<u>COLLEGE OF ENGINEERING</u>				
<u>Office of the Dean</u>				
Transfer of Funds				
203. Amount of Transfer - \$29,185				
To: Office of the Dean - Dean's Reserve for Faculty Salaries				
From: Unallocated Faculty Salaries				
To provide supplemental instructional funds for the College of Engineering for the Spring Semester. (RBC# 2551)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Aerospace Engineering and Engineering Mechanics</u>				
Appointment				
Assistant Professor (Spring Semester Only)				
204. Yong T. Chew (Non-tenure)	1/16 - 5/31	100	9	\$ 15,500
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2308, 2277)				
Leave of Absence and Appointment				
205. James M. Summa (Non-tenure)				
Leave of Absence:				
Assistant Professor	9/1 - 5/31	100	9	16,660
Term of Leave	9/1 - 5/31			
Appointment:				
Research Engineer (Faculty)				
NSF Grant Funds	9/1 - 9/26	100	9	16,660
(RBC# 1279, 129)				
<u>Aerospace Engineering and Engineering Mechanics - Engineering Mechanics Division</u>				
Appointment				
Assistant Professor				
206. Graham F. Carey (Non-tenure)	1/16 - 5/31	100	9	17,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2203, 2218)				
Reappointment				
Assistant Instructor				
207. Mohan L. Soni (Non-tenure)	1/16 - 5/31	50	9	9,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
Fall Semester appointment was at the same rate.				
(RBC# 2041, 2043)				
Instructor				
208. Richard C. Swanson (Non-tenure)	1/16 - 5/31	100	9	10,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
Fall Semester appointment was at the same rate.				
(RBC# 2014, 2043)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF ENGINEERING (Continued)

Aerospace Engineering and Engineering Mechanics - Engineering Mechanics Division (Continued)

Transfer Between Dissimilar Appropriations

209. Amount of Transfer - \$2,357

To: Maintenance, Operation, and Equipment

From: Computer Rental and Purchased Service

To transfer to the appropriate account funds needed to purchase an Acoustic Coupler to be used with computer terminals presently in service in this department.

(RBC# 1935)

Chemical Engineering

Appointment

Lecturer (Spring Semester Only)

210. Thomas M. Newsom (Non-tenure) 1/16 - 5/31 25 9 \$ 14,000

Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2392, 2550)

Assistant Professor

211. Gary T. Rochelle (Non-tenure) 1/16 - 5/31 100 9 17,000

Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2266, 2067)

Visiting Professor

212. Frank M. Tiller (Non-tenure) 2/1 - 2/11 100 9 34,621

Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2535, 2550)

Visiting Professor

213. Frederick A. Zenz (Non-tenure) 1/14 - 1/31 100 9 32,000

Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2393, 2394, 2371)

Civil Engineering

Appointment

Adjunct Professor

214. Wilbur C. Schoeller (Non-tenure) 1/16 - 5/31 50 9 36,000

Source of Funds: Transfer from the Dean's Reserve (RBC# 2256, 1939)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Civil Engineering (Continued)</u>				
Appointment				
Assistant Professor				
215. Richard E. Klingner (Non-tenure)	1/16 - 5/31	100	9	\$ 16,000
Sources of Funds: Transfer from Unallocated Faculty Salaries and Dean of Engineering - Reserve for Faculty Salaries. (RBC# 2255, 2276, 1703)				
Reappointment				
Lecturer (Spring Semester Only)				
216. Glen E. Journeay (Non-tenure)	1/16 - 5/31	33	9	18,149
Source of Funds: Transfer from Unallocated Faculty Salaries Fall Semester appointment in the Electrical Engineering Department was at the same rate. (RBC# 2303, 2276)				
Change of Status				
Adjunct Professor				
217. George P. Weidmann (Non-tenure)				
To:	9/1 - 1/15	50	9	20,393
	1/16 - 5/31	75		
From:	9/1 - 5/31	50	9	20,393
(RBC# 2131)				
Resignation				
Adjunct Associate Professor				
218. Lial F. Tischler (Non-tenure)	1/16 - 5/31	12.5	9	17,500
Date of Resignation 1/15/77 (RBC# 2433)				
Transfer of Funds				
219. Amount of Transfer - \$32,000				
To: Civil Engineering - Teaching Assistants				
From: Unallocated Faculty Salaries				
To provide for the stipends of teaching assistants needed for the Spring Semester. (RBC# 1990)				
<u>Electrical Engineering</u>				
Appointment				
Lecturer				
220. Ifay F. Chang (Non-tenure)	1/16 - 5/31	33	9	18,000
(RBC# 2429)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Electrical Engineering (Continued)</u>				
Change of Status				
Assistant Instructor				
221. Allen D. Boger (Non-tenure)				
To:	9/1 - 1/15	50	9	\$ 9,000
From:	9/1 - 5/31	50	9	9,000
(RBC# 2332)				
Interdepartmental Transfer				
222. Amount of Transfer - \$1,000				
To: Electrical Engineering - Teaching Assistants				
From: Civil Engineering - Faculty Salaries				
To provide the additional funds needed for teaching assistants in the Electrical Engineering Department for the Spring Semester. (RBC# 2434)				
<u>Mechanical Engineering</u>				
Appointment				
Assistant Instructor				
223. C. V. Shanmugham (Non-tenure)				
(RBC# 2491)				
1/16 - 5/31 100 9 9,000				
Instructor				
224. Michael A. Schmerling (Non-tenure)				
(RBC# 2390)				
1/16 - 5/31 25 9 12,000				
Specialist				
225. Dorothy J. Krueger (Non-tenure)				
1/16 - 5/31 25 9 9,500				
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2391, 2626)				
Visiting Professor				
226. Richard E. Garrett (Non-tenure)				
2/27 - 3/7 100 9 27,000				
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2601, 2626)				
Reappointment				
Industrial Management Specialist				
227. Cliff M. Collins (Non-tenure)				
1/16 - 5/31 100 9 11,966				
Fall Semester appointment was at the same rate. (RBC# 2050)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Mechanical Engineering (Continued)</u>				
Salary Increase and Change of Status				
228. Nazim S. Nathoo (Non-tenure)				
To: Assistant Instructor	9/1 - 1/15	75	9	\$ 9,000
Instructor (Spring Semester Only)	1/16 - 5/31	100	9	10,000
From: Assistant Instructor	9/1 - 5/31	75	9	<u>9,000</u>
Rate Increase (RBC# 2183)			<u>9</u>	<u>\$ 1,000</u>
Change of Status				
Assistant Professor (1976-77 Only)				
229. Steven P. Nichols (Non-tenure)				
To:	9/1 - 1/15	25	9	15,075
	1/16 - 5/31	100		
From: (RBC# 2257)	9/1 - 5/31	25	9	15,075
Assistant Instructor				
230. Jim Wiethorn (Non-tenure)				
To:	9/1 - 1/15	75	9	9,000
From: (RBC# 2334)	9/1 - 5/31	75	9	9,000
Transfer of Funds				
231. Amount of Transfer - \$10,224				
To: Mechanical Engineering - Teaching Assistants				
From: Dean's Reserve for Faculty Salaries				
To provide for the stipends of teaching assistants needed to staff Spring Semester course offerings.				
(RBC# 1938)				
<u>Petroleum Engineering</u>				
Appointment				
Assistant Professor (Spring Semester Only)				
232. Gary A. Pope (Non-tenure)	1/16 - 5/31	100	9	19,500
Source of Funds: Transfer from the Dean's Reserve for Faculty Salaries				
(RBC# 2217, 1702)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF ENGINEERING (Continued)Petroleum Engineering (Continued)

Reappointment

Visiting Professor

233. Henry F. Dunlap (Non-tenure)	1/16 - 5/31	25	9	\$ 20,000
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Source of Funds: Transfer from
Unallocated Faculty Salaries

Previous appointment for the
Fall Semester was at the same
rate.

(RBC# 2051, 1991)

Transfer of Funds

234. Amount of Transfer - \$5,059

To: Petroleum Engineering - Teaching Assistants

From: Unallocated Faculty Salaries

To provide for the stipends of Teaching Assistants needed for
the Spring Semester.

(RBC# 1992)

COLLEGE OF FINE ARTSOffice of the Dean

Interdepartmental Transfer

235. Amount of Transfer - \$3,000

To: Office of the Dean - Maintenance and Operation

From: Art Teaching Gallery and University Art Collections -
Maintenance and Operation (\$2,000)
Drama - Maintenance and Operation (\$1,000)

To provide for expenses of operating the Graphics Design
Laboratory.

(RBC# 2147, 2216)

Art

Appointment

Instructor (Spring Semester Only)

236. Karen K. R. Pope (Non-tenure)	1/16 - 5/31	100	9	10,000
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(RBC# 2305)

Instructor (Spring Semester Only)

237. Sybil N. Broyles (Non-tenure)	1/16 - 5/31	100	9	10,000
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Source of Funds: Transfer from
Unallocated Faculty Salaries

(RBC# 2304, 2275)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF FINE ARTS (Continued)</u>				
<u>Art (Continued)</u>				
Leave of Absence				
Assistant Professor				
238. Janet R. Berry (Tenure)	9/1 - 5/31	100	9	\$ 13,505
Term of Leave (RBC# 2129)	1/16 - 5/31			
<u>Art and Language and Area Center for Latin American Studies</u>				
Appointment				
Adjunct Professor (Spring Semester Only)				
239. Damian Bayon (Non-tenure)				
Art	1/16 - 5/31	63	9	24,000
Language and Area Center for Latin American Studies	1/16 - 5/31	19	9	24,000
Sources of Funds: Transfers from Unallocated Faculty Salaries (RBC# 2192, 2299, 2161, 2325)				
<u>Art and Journalism</u>				
Appointment				
Visiting Professor				
240. John Canaday (Non-tenure)				
Art	1/16 - 5/31	57.5	9	32,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
Journalism (RBC# 2397, 2389, 2629)	1/16 - 5/31	42.5	9	32,000
<u>Art and Office of the Dean, College of Fine Arts</u>				
Appointment				
Visiting Professor				
241. Agnes Mongan (Non-tenure)				
Art	1/16 - 5/31	56	9	32,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
Office of the Dean, College of Fine Arts - Current Restricted - Leslie Waggener Professorship Funds (RBC# 2301, 2302, 2275)	1/16 - 5/31	44	9	32,000

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF FINE ARTS (Continued)</u>				
<u>Art Teaching Gallery and University Art Collections</u>				
Transfer Between Dissimilar Appropriations				
242. Amount of Transfer - \$6,358				
To: Wages				
From: Administrative and Professional Salaries				
To provide for the salaries of student assistants needed to help hang exhibitions at the Huntington and Michener galleries. (RBC# 2306)				
<u>Drama</u>				
<u>Appointment</u>				
<u>Visiting Professor</u>				
243. Barnard W. Hewitt (Non-tenure)	1/16 - 5/31	100	9	\$ 22,000
Sources of Funds: Transfers from Unallocated Faculty Salaries and Office of the Dean of Fine Arts - Dean's Reserve for Faculty Salaries (RBC# 2189, 2151, 1734)				
<u>Appointment and Salary Increase</u>				
<u>Instructor (Spring Semester Only)</u>				
244. George A. Brashears (Non-tenure)	1/16 - 5/31	100	9	10,000
Previous appointment:				
Teaching Assistant	9/1 - 1/15	50	9	<u>9,000</u>
Rate Increase			<u>9</u>	<u>1,000</u>
(RBC# 2387)				
<u>Leave of Absence</u>				
<u>Assistant Professor</u>				
245. Stephen J. Wyman (Non-tenure)	9/1 - 5/31	100	9	16,452
Term of Leave	1/16 - 4/30			
(RBC# 2258)				
<u>Resignation</u>				
<u>Instructor</u>				
246. Jonathan M. Middents (Non-tenure)	9/1 - 5/31	100	9	11,000
Date of Resignation	1/31/77			
(RBC# 2388)				
<u>Transfer of Funds</u>				
247. Amount of Transfer - \$24,900				
To: Drama - Teaching Assistants				
From: Unallocated Faculty Salaries				
To provide the Drama Department with funds needed for Spring Semester Teaching Assistants appointments. (RBC# 1968)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF FINE ARTS (Continued)</u>				
<u>Drama (Continued)</u>				
Transfer of Funds				
248. Amount of Transfer - \$5,817				
To: Drama - Classified Personnel				
From: Unallocated Classified Salaries				
To establish a position of Technical Staff Assistant IV who will be assigned to the B. Iden Payne Theatre for the period February 1, 1977 through August 31, 1977.				
(RBC# 2283)				
 <u>Music</u>				
Appointment				
Visiting Associate Professor				
249. Bradford R. DeVos (Non-tenure)	1/16 - 5/31	100	9	19,000
(RBC# 2404)				
 Leave of Absence				
Associate Professor				
250. Rebecca A. Baltzer (Tenure)	9/1 - 5/31	100	9	19,500
Term of Leave				
(RBC# 2193)				
 Retirement				
Assistant Professor				
251. Howell P. Branning (Non-tenure)	9/1 - 5/31	33	9	13,327
Date of Retirement				
(RBC# 2128)				
 <u>SCHOOL OF LAW</u>				
Appointment				
Lecturer				
252. Glen M. Wilkerson (Non-tenure)	1/16 - 5/31	50	9	16,968
Source of Funds: Transfer from Unallocated Faculty Salaries				
(RBC# 2403, 2630)				
 Lecturer				
253. Myron M. Sheinfeld (Non-tenure)	1/16 - 5/31	50	9	20,000
(RBC# 2242)				
 Transfer of Funds				
254. Amount of Transfer - \$5,000				
To: School of Law - Faculty Salaries				
From: Unallocated Faculty Salaries				
Additional funds were needed for Faculty Salaries for the Spring Semester.				
(RBC# 2066)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SCHOOL OF LAW (Continued)</u>				
Transfer Between Dissimilar Appropriations				
255. Amount of Transfer - \$1,100				
To: Maintenance and Operation				
From: Classified Personnel				
Reallocation of funds to provide for operating expenses. (RBC# 2022)				

GRADUATE SCHOOL OF LIBRARY SCIENCEAppointmentProfessor

256. Roy M. Mersky (Tenure)	1/16 - 5/31	33	9	30,184
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Source of Funds: Transfer from
Unallocated Faculty Salaries

Concurrent Employment:School of Law

Professor	9/1 - 5/31	33	9	30,184
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Law Library

Law Librarian	9/1 - 1/15	67	12	40,247
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	1/16 - 5/31	33		
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(RBC# 1964, 2015, 2044)

Transfer of Funds

257. Amount of Transfer - \$9,500

To: Graduate School of Library Science -
Maintenance and Operation (\$9,200)
Wages (\$300)

From: Unallocated Maintenance and Operation (\$9,200)
Unallocated Classified Personnel (\$300)

Additional funds were needed for operating expenses and part-time help.

(RBC# 2590)

SCHOOL OF NURSINGChange of StatusAssistant Professor

258. Martha J. Miller (Non-tenure)

To:	9/1 - 1/31	50	9	14,490
	2/1 - 5/31	75		

From:	9/1 - 5/31	50	9	14,490
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(RBC# 2600)

Assistant Professor

259. Barbara W. McCabe (Non-tenure)

To:	9/1 - 2/28	50	9	15,225
	3/1 - 5/31	75		

From:	9/1 - 5/31	50	9	15,225
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(RBC# 2539)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate

COMMUNICATION CENTER

Transfer Between Dissimilar Appropriations

260. Amount of Transfer - \$1,909

To: Administrative and Professional Salaries

From: Wages

Additional funds were needed for the salary of William S. Giorda, Assistant Director for Radio, whose time assignment with the Center was increased from 50% to 75% for the Spring Semester.
(RBC# 2026)

MEASUREMENT AND EVALUATION CENTER

Change of Status

Associate Director

261. Elmer E. Jennings

To:	6/1 - 7/15	100	12	31,200
From:	6/1 - 8/31	100	12	31,200

Academic Status: Professor
(Educational Psychology)
(RBC# 1963)

Director

262. Henry P. Kelley

To:	7/16 - 8/31	100	12	38,000
From:	6/1 - 8/31	100	12	38,000

Academic Status: Professor
(Educational Psychology)
(RBC# 1966)

Transfer Between Dissimilar Appropriations

263. Amount of Transfer - \$12,786

To: Wages

From: Administrative and Professional Salaries

Funds available due to changes in time assignments of two members of the administrative and professional staff were needed for the salaries of part-time employees.
(RBC# 2455)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate

TEXAS OLYMPIC SWIMMING CENTER

Appointment

Director

264. M. Leon Black	9/1 - 8/31	50	12	\$ 20,000
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Mr. Black has transferred from the Office of the Vice President for Administrative Services where he was to have served as Assistant to the Director of the Special Events Center

Concurrent Employment:

Intercollegiate Athletics for Men
Assistant to the Business Manager
for Concessions
(RBC# 2287, 2288)

9/1 - 8/31	50	12	20,000
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Transfer of Funds

265. Amount of Transfer - \$18,542

To: Texas Olympic Swimming Center -
Administrative and Professional Salaries (\$10,000)
Classified Personnel (\$5,542)
Maintenance and Operation (\$3,000)

From: Office of the Vice President for Administrative Services -
Administrative and Professional Salaries (\$10,000)
Unallocated Classified Personnel (\$5,542)
Unallocated Maintenance and Operation (\$3,000)

To establish an operating budget for the Center.
(RBC# 2282, 2241)

LIBRARY

Reappointment and Salary Increase

266. Marcia A. M. Parsons

To: Professional Librarian, HRC
Cataloging Department
(Temporary)

9/1 - 12/31	100	12	12,788
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Librarian, Inter Library
Service, Circulating
Services Department

1/1 - 8/31	100	12	14,200
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From: Professional Librarian, HRC
Cataloging Department
(Temporary)

9/1 - 1/31	100	12	<u>12,788</u>
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Rate Increase
(RBC# 1965)

<u>12</u>	<u>1,412</u>
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Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>LIBRARY (Continued)</u>				
Salary Increase				
Librarian, Bibliography Unit, Collection Development				
267. Mary H. Brennan				
To:	9/1 - 12/31	100	12	\$ 14,500
	1/1 - 8/31	100	12	15,000
From:	9/1 - 8/31	100	12	<u>14,500</u>
Rate Increase (RBC# 2285)			<u>12</u>	<u>500</u>
Head Librarian, Art Library				
268. Joyce Hess				
To:	9/1 - 12/31	100	12	13,835
	1/1 - 8/31	100	12	14,835
From:	9/1 - 8/31	100	12	<u>13,835</u>
Rate Increase (RBC# 2284)			<u>12</u>	<u>1,000</u>
Head Librarian, Library School Library				
269. Ruth M. Sawyer				
To:	9/1 - 1/31	100	12	14,398
	2/1 - 8/31	100	12	15,000
From:	9/1 - 8/31	100	12	<u>14,398</u>
Rate Increase (RBC# 2358)			<u>12</u>	<u>602</u>
Bibliographic Control Librarian				
270. Louella V. Wetherbee				
To:	9/1 - 1/31	100	12	15,315
	2/1 - 8/31	100	12	16,000
From:	9/1 - 8/31	100	12	<u>15,315</u>
Rate Increase (RBC# 2357)			<u>12</u>	<u>685</u>
Resignation				
Librarian, Assistant to the Director, Administrative Services				
271. Constance A. Moore				
	9/1 - 8/31	100	12	14,995
Date of Resignation (RBC# 2030)	1/16/77			

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>LIBRARY (Continued)</u>				
<u>Law Library</u>				
Salary Increase				
Associate Law Librarian				
272. Robert C. Berring, Jr.				
To:	9/1 - 1/31	90	12	\$ 23,000
	2/1 - 5/31	90	12	24,000
	6/1 - 8/31	100	12	24,000
From:	9/1 - 5/31	90	12	23,000
	6/1 - 8/31	100		
Rate Increase			<u>12</u>	<u>\$ 1,000</u>
Concurrent Employment:				
School of Law				
Lecturer	9/1 - 5/31	10	9	17,250
(RBC# 2376, 2377)				
Professional Librarian				
273. John E. Christensen				
To:	9/1 - 2/28	100	12	14,000
	3/1 - 8/31	100	12	15,000
From:	9/1 - 8/31	100	12	<u>14,000</u>
Rate Increase			<u>12</u>	<u>1,000</u>
(RBC# 2611)				
Professional Librarian				
274. James K. McCue				
To:	9/1 - 1/31	100	12	15,000
	1/16 - 8/31	100	12	16,000
From:	9/1 - 8/31	100	12	<u>15,000</u>
Rate Increase			<u>12</u>	<u>1,000</u>
(RBC# 2347)				

ORGANIZED RESEARCHClassical Archaeological Research Project

Transfer of Funds

275. Amount of Transfer - \$1,749

To: Classical Archaeological Research Project -
Academic Development FundFrom: Office of the Dean, College of Humanities -
Academic Development FundTo provide additional support for the Metaponto Archaeological
Project.

(RBC# 2372)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>ORGANIZED RESEARCH (Continued)</u>				
<u>Research in Texas History</u>				
Change of Status				
Director				
276. Joe B. Frantz				
To:	7/16 - 8/31	50	9	\$ 31,400
From:	6/1 - 8/31	50	9	31,400
Academic Status: Professor (History) (RBC# 2056)				
Assistant Director				
277. L. Tuffley Ellis				
To:	7/16 - 8/31	100	9	18,500
From:	6/1 - 8/31	50	9	18,500
Academic Status: Lecturer (History) (RBC# 2469, 2470)				
<u>Cell Research Institute</u>				
Transfer Between Dissimilar Appropriations				
278. Amount of Transfer - \$2,000				
To: Wages				
From: Maintenance and Operation				
Reallocation of funds to provide for the continuation of employment of a part-time research assistant. (RBC# 1969)				
<u>Center for Relativity Theory</u>				
Transfer Between Dissimilar Appropriations				
279. Amount of Transfer - \$1,000				
To: Maintenance and Operation				
From: Computer Rental and Purchased Service				
Funds available in the Computer Rental account are needed for operating expenses. (RBC# 1970)				
<u>Center for Teaching Effectiveness</u>				
Transfer Between Dissimilar Appropriations				
280. Amount of Transfer - \$3,291				
To: Classified Personnel				
From: Administrative and Professional Salaries				
Reallocation of salary funds to provide for employment of a research assistant. (RBC# 2483)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>ORGANIZED RESEARCH (Continued)</u>				
<u>Council for Advanced Transportation Studies</u>				
Change of Status				
Director (Faculty)				
281. Thomas W. Kennedy				
To:	6/1 - 7/15	100	9	\$ 22,653
From:	6/1 - 8/31	50	9	22,653
Academic Status: Professor (Civil Engineering) (RBC# 2402)				

DIVISION OF EXTENSION
Extension Teaching and Field Service
Bureau - Correspondence Division

Transfer Between Dissimilar Appropriations

282. Amount of Transfer - \$4,500

To: Correspondence Course Revision Costs

From: Wages

To provide for expenses related to revising high school and college correspondence study course outlines.

(RBC# 2236)

PHYSICAL PLANT

University Police

Transfer Between Dissimilar Appropriations

283. Amount of Transfer - \$2,943

To: Wages

From: Maintenance and Operation

Funds were used to pay accrued sick leave and vacation due resigning employees.

(RBC# 1994)

Communications and Projections

Transfer Between Dissimilar Appropriations

284. Amount of Transfer - \$25,000

To: Wages

From: Maintenance and Operation

Reallocation of funds to provide for expenses incurred.

(RBC# 2204)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>SPECIAL ITEMS</u>				
<u>Texas Memorial Museum</u>				
Leave of Absence				
Research Scientist (Faculty)				
285. Wann Langston, Jr.	9/1 - 8/31	50	12	\$ 26,693
Term of Leave	6/1 - 8/31			
Concurrent Employment:				
Texas Memorial Museum Vertebrate Paleontology Laboratory				
Director	9/1 - 8/31	---	12	26,693
Academic Status: Professor (Geological Sciences) (RBC# 2414)				
Transfer Between Dissimilar Appropriations				
286. Amount of Transfer - \$3,336				
To: Wages				
From: Administrative and Professional Salaries				
Funds available due to the leave of absence of Dr. Wann Langston, Research Scientist (Faculty), are to be used to hire work-study students and research assistants during the summer. (RBC# 2512)				
<u>Bureau of Economic Geology</u>				
Change of Status and Reappointment				
287. William E. Galloway				
To: Research Scientist - ERDA Contract Funds	9/1 - 10/31	100	12	21,492
Research Scientist - General Budget Funds	11/1 - 3/31	100	12	21,492
From: Research Scientist Associate V - ERDA Contract Funds	9/1 - 10/31	100	12	21,492
(RBC# 1641, 2052, 2342, 2637)				
Resignation				
Acting Director				
288. Charles G. Groat	9/1 - 8/31	100	12	26,700
Date of Resignation	12/31/76			
Academic Status: Associate Professor (Geological Sciences) (RBC# 1997)				
Transfer Between Dissimilar Appropriations				
289. Amount of Transfer - \$9,052				
To: Wages				
From: Administrative and Professional Salaries				
Reallocation of funds to permit the hiring of part-time research assistants and temporary secretarial help, and to pay accrued vacation and sick leave of an employee who resigned. (RBC# 2200, 2293, 2634)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPECIAL ITEMS (Continued)</u>				
<u>Center for Energy Studies</u>				
Reappointment				
Research Engineer				
290. Richard P. Bywaters	1/16 - 5/31	67	12	\$ 27,768
Sources of Funds:				
General Budget Funds - Center's Energy Program Development Account	1/16 - 1/31	67		
	2/1 - 5/31	33		
Current Restricted Funds - Exxon U.S.A. Foundation - Energy Policy Studies Account	2/1 - 5/31	33		
Previous appointments were at the same rate.				
Concurrent Employment:				
Mechanical Engineering Lecturer				
(RBC# 2101, 2521, 2522)	1/16 - 5/31	33	9	20,826
Research Scientist				
291. Sally A. C. Lopreato				
General Budget Funds - Center's Energy Program Development Account	2/1 - 2/28	25	12	20,000
	3/1 - 5/31	50		
Current Restricted Funds - Exxon U.S.A. Foundation - Energy Policy Studies Account	2/1 - 8/31	50	12	20,000
Previous appointments were at the same rate.				
Concurrent Employment:				
Center for Energy Studies - ERDA Contract Funds Research Scientist				
(RBC# 2413, 2559, 2560)	9/1 - 2/28	25	12	20,000
Transfer Between Dissimilar Appropriations				
292. Amount of Transfer - \$9,000				
To: Energy Program Development				
From: Maintenance and Operation				
Reallocation of funds to provide for expenses incurred.				
(RBC# 2095)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>SPECIAL ITEMS (Continued)</u>				
<u>LBJ School of Public Affairs</u>				
Appointment				
293. Alan K. Campbell (Tenure)				
Dean	2/1 - 8/31	100	12	\$ 52,000
Sources of Funds: General Budget Funds (90%) and Current Restricted - LBJ Foundation Fund (10%)				
Professor (RBC# 2452, 2453, 2454)	2/1 - 5/31	---	9	35,250
Assistant Professor				
294. John P. Hamilton (Non-tenure)	1/16 - 3/31	50	9	13,635
Concurrent Employment: LBJ School of Public Affairs Social Science Research Associate V (RBC# 2316)				
	10/1 - 7/31	50	12	18,180
Change of Status				
295. Jurgen Schmandt (Tenure)				
To: Acting Dean	9/1 - 1/15	100	9	28,266
	1/16 - 1/31	50		
Associate Dean	2/1 - 5/31	50	9	28,266
Professor	9/1 - 1/15	---	9	28,266
	1/16 - 5/31	50		
From: Acting Dean	9/1 - 5/31	100	9	28,266
Professor (RBC# 2263, 2264, 2265)	9/1 - 5/31	---	9	28,266
Resignation				
Assistant Professor				
296. Gerhard M. Williams (Non-tenure)	9/1 - 5/31	100	9	16,943
Date of Resignation (RBC# 2259)	1/15/77			
Transfer Between Dissimilar Appropriations				
297. Amount of Transfer - \$3,090				
To: Administrative and Professional Salaries (\$1,090) Wages (\$2,000)				
From: Faculty Salaries				
Reallocation of funds to support the salaries of personnel currently employed. (RBC# 2072, 2307)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

SPECIAL ITEMS (Continued)Marine Science Institute

Transfer of Funds

298. Amount of Transfer - \$19,465

To: Maintenance and Operation

From: Budgetary Adjustment Fund

To provide for expenses incident to the Marine Science Institute Annual Report and for other operating expenses not anticipated at the time of original budget preparation.

(RBC# 1971, 2225, 2486)

Marine Science Institute - Port Aransas

Transfer of Funds

299. Amount of Transfer - \$1,780

To: Marine Science Institute - Port Aransas -
Administrative and Professional Salaries

From: Marine Science Institute - Budgetary Adjustment Fund

To provide for the salaries of personnel currently employed.

(RBC# 2036)

Transfer Between Dissimilar Appropriations

300. Amount of Transfer - \$7,500

To: Wages

From: Administrative and Professional Salaries

Reallocation of salary funds to provide for part-time help needed for the remainder of the fiscal year.

(RBC# 2556)

UNALLOCATED ACCOUNTSUnallocated Academic Development Fund

Transfer of Funds

301. Amount of Transfer - \$7,500

Funds were transferred from the Institutional Academic Development Fund, as follows:

(1) History - Program Development, Including Travel \$ 2,500

Funds are to be used in support of the "Border Research Program" sponsored by the History Department. (RBC# 2419)

(2) Genetics Institute - Academic Development Fund 5,000

To provide additional support for this Institute. (RBC# 2478)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

REVOLVING FUNDSMarine Science Institute - Galveston

Interdepartmental Transfer

302. Amount of Transfer - \$14,925

To: Marine Science Institute - Galveston - Mass Spectrophotometer and Sediment Grain Size Analysis Fund

From: Marine Science Institute - Mass Spectrophotometer and Grain Size Analysis Fund

The research operation for which this account was established is directed by Dr. E. W. Behrens, who has transferred to Galveston.
(RBC# 2565)

SPONSORED PROJECTSAstronomy

Reappointment

Research Scientist (Non-faculty)

303. J. Derral Mulholland 12/1 - 8/31 35 12 \$ 26,891

Source of Funds: U. S. Navy Contract

Previous appointment was at the same rate.

(RBC# 2105)

Research Scientist (Non-faculty)

304. Robert G. Tull 6/1 - 8/31 50 12 28,144

Source of Funds: NSF Grant

Concurrent Employment:
McDonald ObservatoryResearch Scientist (Non-faculty) 9/1 - 8/31 50 12 28,144
(RBC# 1996)Astronomy and Electrical Engineering Research Laboratory

Appointment

305. Paul A. VandenBout

Astronomy - NASA Contract Funds
Research Scientist (Faculty)

6/1 - 6/30 100 9 21,400

Electrical Engineering Research
LaboratoryAssociate Director, Millimeter
Wave Sciences

8/1 - 8/31 100 9 21,400

Academic Status: Associate
Professor (Astronomy)
(RBC# 1995, 2411)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Botany</u>				
<u>Appointment</u>				
<u>Project Director (Faculty)</u>				
306. Calvin McMillan	6/1 - 7/31	100	9	\$ 26,391
Source of Funds: NSF Grant				
Academic Status: Professor (Botany) (RBC# 2562)				
<u>Director (Faculty)</u>				
307. Tom J. Mabry	6/1 - 8/31	100	9	26,566
Source of Funds: NSF Grant				
Academic Status: Professor (Botany) (RBC# 2228)				
<u>Director (Faculty)</u>				
308. James D. Mauseth	7/16 - 8/31	100	9	14,560
Source of Funds: NSF Grant				
Academic Status: Assistant Professor (Botany) (RBC# 2564)				
<u>Director (Faculty)</u>				
309. Richard C. Starr	6/1 - 7/31	100	9	33,000
Source of Funds: NIH Grant				
Academic Status: Professor (Botany) (RBC# 2563)				
<u>Research Scientist (Faculty)</u>				
310. Billie L. Turner	6/1 - 8/31	60	9	30,467
Source of Funds: NSF Grant				
Concurrent Employment:				
Research in Botany - Herbarium Director	6/1 - 8/31	40	9	30,467
Academic Status: Professor (Botany) (RBC# 2207)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Chemistry</u>				
Reappointment				
Research Associate				
311. Susan L. Fullilove	1/1 - 6/30	100	12	\$ 13,600
Source of Funds: USPHS Training Grant Stipends				
Previous appointment was at the same rate. (RBC# 2100)				
Resignation				
Research Associate				
312. Lawrence D. Goldstein	9/1 - 5/31	100	12	11,500
Date of Resignation (RBC# 2099) 12/31/76				
<u>Computer Sciences</u>				
Appointment				
Consultant				
313. Jean C. Chandy	11/17 - 12/7	100	12	18,000
Source of Funds: NSF Grant (RBC# 1973)				
<u>Zoology</u>				
Appointment				
Research Scientist (Faculty)				
314. Crodowaldo Pavan	1/5 - 2/4	100	9	35,400
Source of Funds: USPHS Contract				
Academic Status: Professor (On leave from Zoology Department for the Academic Year.) (RBC# 2222)				
315. Yong S. Yoon				
Research Scientist (Faculty) - USPHS Contract Funds				
	9/1 - 1/15	100	12	20,784
	1/16 - 5/31	50		
Instructor (Spring Semester Only)- General Budget Funds				
	1/16 - 5/31	50	9	15,588
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 1593, 1838, 1961, 2417, 1989)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Center for Asian Studies</u>				
Appointment				
Visiting Professor				
316. Donald A. Smith	1/16 - 5/31	100	9	\$ 18,000
Source of Funds: Office of Education - NDEA Title VI Contract (RBC# 2177)				
<u>Educational Psychology</u>				
Appointment				
Social Science Research Associate (Faculty)				
317. Oscar G. Mink	1/1 - 8/31	100	12	31,044
Source of Funds: Office of Education Contract				
Previous appointment was at the same rate. (RBC# 2057)				
Resignation				
Social Science Research Associate (Faculty)				
318. Sheila C. Tesar	9/1 - 6/30	17	9	20,000
Date of Resignation 1/31/77				
Concurrent Employment: Educational Administration Lecturer (RBC# 2106)				
	9/1 - 5/31	50	9	20,000
<u>Electrical Engineering - Biomedical Engineering</u>				
Reappointment				
Research Engineer (Faculty)				
319. Leslie A. Priebe	1/1 - 3/31	50	9	15,400
Source of Funds: U. S. Army Contract				
Previous appointment was at the same rate.				
Concurrent Employment: Electrical Engineering Assistant Professor (RBC# 2058, 2511, 2510)				
	9/1 - 5/31	50	9	15,400
<u>School of Nursing</u>				
Appointment				
Instructor				
320. Ann M. Klingner	1/16 - 5/31	100	9	13,335
Source of Funds: USPHS Contract (RBC# 2190)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (Continued)</u>				
<u>School of Nursing (Continued)</u>				
<u>Appointment</u>				
Instructor (Spring Semester Only)				
321. James W. Rosen	1/16 - 5/31	33	9	\$ 14,490
Source of Funds: USPHS Contract (RBC# 2191)				
Instructor				
322. Carmen B. Wohrle	1/16 - 5/31	100	9	12,700
Source of Funds: USPHS Contract (RBC# 2060)				
<u>Center for Energy Studies</u>				
<u>Reappointment</u>				
Deputy Director				
323. John H. Vanston	2/1 - 8/31	25	9	25,800
Source of Funds: ERDA Contract				
Concurrent Employment:				
Center for Energy Studies - ERDA Contract Funds				
Research Scientist (Faculty)	12/1 - 5/31	25	9	25,800
Mechanical Engineering Assistant Professor (RBC# 2412)				
	9/1 - 5/31	50	9	19,900
<u>Center for Research in Water Resources</u>				
<u>Appointment</u>				
Director				
324. Leo R. Beard	1/16 - 5/31	9.7	12	35,424
Source of Funds: U. S. Water Resources Council				
Concurrent Employment:				
Center for Research in Water Resources - General Budget Funds				
Technical Director	9/1 - 8/31	40.3	12	35,424
Civil Engineering Professor (RBC# 2102)				
	9/1 - 5/31	50	9	26,568
<u>Center for Social Work Research</u>				
<u>Leave of Absence</u>				
Social Science Research Associate (Faculty)				
325. Charles W. Clifton	9/1 - 9/30	100	12	24,177
	10/1 - 10/8	LWOP		
	10/9 - 8/31	100		
Term of Additional Leave (RBC# 2471)				
	2/14 - 3/13			

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Center for the Study of Human Resources</u>				
Change of Status				
326. Robert W. Glover	9/1 - 8/31	100	12	\$ 22,224
Change Title Only:				
To: Acting Director				
From: Social Science Research Associate V				
Effective Date - 2/1/77 (RBC# 2425)				
<u>Fusion Research Center</u>				
Reappointment				
Research Engineer				
327. Tapas Mukutmoni	1/1 - 1/15 1/16 - 4/30	67 100	12	31,000
Source of Funds: ERDA Contract				
Previous appointment was at the same rate.				
Concurrent Employment:				
Electrical Engineering Lecturer				
(RBC# 2097, 2098)	9/1 - 1/15	33	9	23,250
Research Scientist (Faculty)				
328. Frederick L. Hinton	6/1 - 8/31	100	9	20,083
Source of Funds: ERDA Contract				
Previous appointment was at the same rate.				
Academic Status: Associate Professor (Physics)				
(RBC# 1931)				
Change of Status				
Research Coordinator				
329. Clif W. Drummond				
To: Fusion Research Center - Texas Energy Research Foundation Funds	1/17 - 4/30	100	12	32,000
From: Center for Energy Studies - General Budget Funds	1/17 - 1/31	100	12	32,000
(RBC# 2109, 2110)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Fusion Research Center (Continued)</u>				
Leave of Absence				
Research Scientist				
330. Henry V. Wong				
To:	9/1 - 5/31	LWOP	12	(\$ 29,003)
From:	9/1 - 12/31	LWOP	12	(29,003)
To continue Dr. Wong's leave without pay status from an ERDA Contract granted the Fusion Research Center. (RBC# 2053)				
<u>Institute of Latin American Studies</u>				
Reappointment				
Project Director				
331. Edward Glab, Jr.	3/1 - 8/31	100	12	17,088
Source of Funds: National Endowment for the Humanities Grant (RBC# 1998)				
<u>Population Research Center</u>				
Appointment				
Research Associate (Faculty)				
332. Frank D. Bean	1/16 - 4/30 5/1 - 5/31	100 50	9	20,700
Sources of Funds: USPHS Contracts Academic Status: Associate Professor (Sociology) On Leave from Department of Sociology for the Spring Semester. (RBC# 2229, 2230)				
<u>Marine Science Institute - Port Aransas</u>				
Appointment				
Research Program Manager				
333. Robert D. Groover	1/10 - 3/31	100	12	29,024
Source of Funds: U. S. Department of Interior Contract (RBC# 2113)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Marine Science Institute - Galveston</u>				
Reappointment				
Research Associate				
334. Abou-Bakr Ibrahim	2/1 - 7/31	100	12	\$ 21,206
Source of Funds: NASA Contract				
Previous appointment was at the same rate.				
(RBC# 2581)				
<u>LBJ School of Public Affairs</u>				
Reappointment				
Social Science Research Associate (Non-faculty)				
335. Christine C. Gerrard	1/1 - 8/31	50	12	21,492
Source of Funds: Interagency Contract - Juvenile Justice Project				
Previous appointment on this project was at the same rate.				
Concurrent Employment:				
Graduate School of Social Work				
Social Science Research Associate (Non-faculty)				
(RBC# 2221)	11/1 - 8/31	37.5	12	20,664
<u>AUXILIARY ENTERPRISES</u>				
<u>Student Health Center</u>				
Change of Status				
Psychologist (Faculty)				
336. Robert D. Langston				
To:	6/1 - 7/15	100	9	19,253
From:	6/1 - 8/31	60	9	19,253
Academic Status: Lecturer (Psychology)				
(RBC# 2163)				
<u>Intercollegiate Athletics for Men</u>				
Appointment				
Consultant to Athletics Director for Men				
337. Richard M. Patterson	2/1 - 8/31	100	12	23,100
(RBC# 2427)				
Head Football Coach				
338. Fred S. Akers	12/26 - 8/31	100	12	45,000
(RBC# 2240)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>AUXILIARY ENTERPRISES (Continued)</u>				
<u>Intercollegiate Athletics for Men (Continued)</u>				
Appointment				
Assistant Football Coach 339. Robert L. Fuller (RBC# 2249)	12/26 - 8/31	100	12	\$ 27,000
Assistant Football Coach 340. Alan D. Lowry (RBC# 2248)	12/26 - 8/31	100	12	19,000
Assistant Football Coach 341. W. Leon Manley (RBC# 2247)	12/26 - 8/31	100	12	27,500
Assistant Football Coach 342. Michael Parker (RBC# 2238)	12/26 - 8/31	100	12	23,000
Assistant Football Coach 343. James A. Raye (RBC# 2235)	12/26 - 8/31	100	12	24,000
Assistant Basketball Coach 344. Herman S. Moeller (RBC# 2076)	1/7 - 3/31	100	12	17,000
Assistant Track Coach 345. Dana LeDuc (RBC# 2426)	2/1 - 5/31	47.5		<u>Stipend</u> \$ 800
Salary Increase and Change of Status				
346. James L. Blackwood				
To: Assistant Director of Texas Relays, Assistant Track and Cross Country Coach	1/1 - 8/31	100	12	12,000
From: Athletics Events Supervisor	9/1 - 12/31	100	12	<u>11,016</u>
Rate Increase (RBC# 2523, 2524)			<u>12</u>	<u>984</u>
Change of Status				
347. Darrell K. Royal	9/1 - 8/31	100	12	50,000
Change Title Only:				
To: Athletics Director				
From: Athletics Director and Head Football Coach				
Effective Date 12/26/76				
Academic Status: Professor (Health, Physical Education and Recreation) (RBC# 2069)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>AUXILIARY ENTERPRISES (Continued)</u>				
<u>Intercollegiate Athletics for Men (Continued)</u>				
Resignation				
Assistant Cross Country and Assistant Track Coach, Assistant Director of Texas Relays				
348. William M. Miller	9/1 - 8/31	100	12	\$ 16,000
Date of Resignation (RBC# 2037)	12/31/76			
Assistant Football Coach				
349. Jack C. Burns	9/1 - 2/28	50	12	9,456
Date of Resignation (RBC# 2482)	1/31/77			
Assistant Football Coach				
350. Donald C. Breaux	9/1 - 1/31	100	12	25,200
Date of Resignation (RBC# 2251)	12/31/76			
Assistant Basketball Coach				
351. Marc D. Adams	9/1 - 3/31	100	12	15,368
Date of Resignation (RBC# 1981)	12/31/76			

Intercollegiate Athletics for Women

Transfer Between Dissimilar Appropriations

352. Amount of Transfer - \$1,844

To: Wages

From: Administrative and Professional Salaries

To reimburse the Wages account in the amount which was paid from it for the salary of a part-time Women's Gymnastic Coach, which position was originally budgeted in the Administrative and Professional Salaries account.
(RBC# 2428)

Parking and Traffic

Transfer of Funds

353. Amount of Transfer - \$6,115

To: Parking and Traffic - Enforcement - Other Expenses

From: Parking and Traffic - Unallocated

To provide for the purchase of uniforms for guards at Balcones Research Center who came under the jurisdiction of the University Police Department March 1, 1977, and for anticipated accrued vacation and sick leave payments to employees.
(RBC# 2580, 2476)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate

AUXILIARY ENTERPRISES (Continued)

Parking and Traffic - Administration

Transfer of Funds

354. Amount of Transfer - \$14,378

To: Salaries (\$4,614)
Other Expenses (\$1,664)
Construction of Parking Lots (\$8,100)

From: Parking and Traffic - Unallocated (\$12,378)
Parking and Traffic - Administration - Allocation for
Budget Adjustments (\$2,000)

To provide the additional salary funds needed for the continuation of employment of a clerk-typist whose salary was only partially funded in the Original 1976-77 Budget; for the overlapping appointments of an Administrative Assistant who is retiring in July and her replacement; for temporary help needed to process parking permits. Funds transferred to the Other Expenses account will be used for accrued vacation and sick leave payments to retiring employees. Construction of Parking Lots funds are to cover the estimated cost of twenty-seven additional spaces being added to Lot 84.

(RBC# 2279, 2280, 2477, 2484)

Student Government Offices

Appointment

Financial Director

355. John D. Harrison
(RBC# 2549)

2/9 - 3/31 23

Stipend

\$ 171

Resignation

Financial Director

356. Patrick W. Dugan
Date of Resignation
(RBC# 2632)

9/1 - 3/31 23
1/31/77

Stipend

\$ 700

Administrative Assistant - Student
Government

357. William J. Chriss

10/13 - 2/28 27

Stipend

\$ 842

Date of Resignation
(RBC# 2424)

12/8/76

Jester Center Store

Transfer of Funds

358. Amount of Transfer - \$3,500

To: Salaries and Wages

From: Allocation for Budget Adjustments

To provide the additional funding needed for a newly established classified position, and for payments for accrued vacation and sick leave to employees.

(RBC# 2645)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>AUXILIARY ENTERPRISES (Continued)</u>				
<u>Housing and Food Service: Colorado Apartments, Brackenridge-Deep Eddy Apartments, and Gateway Apartments</u>				
Appointment				
Director, University Apartments				
359. Kenneth L. Smith	2/1 - 8/31	100	12	\$ 18,804
Sources of Funds: Colorado Apartments (1/4), Brackenridge-Deep Eddy Apartments (1/2), and Gateway Apartments (1/4).				
Funds were transferred within the several Apartments' budgets from their Classified Personnel accounts to establish this new Administrative position.				
Previous appointment:				
Housing and Food Service - Administration				
Assistant Director for Administration, Housing and Food	9/1 - 1/31	100	12	18,804
(RBC# 2633, 2639, 2640, 2641, 2642, 2643, 2644)				

CURRENT RESTRICTED FUNDSDivision of General and Comparative Studies

Transfer of Funds

360. Amount of Transfer - \$7,700

To: Division of General and Comparative Studies - Various Donors, Various Purposes

From: President's Associates

To fund a program of International Pre-Dissertation Fellowships for Summer, 1977.

(RBC# 2555)

Mechanical Engineering

Reappointment

Research Engineer (Faculty)

361. Gary K. Underhill

1/16 - 5/31

35

9

16,706

Source of Funds: Bureau of Engineering Research - United Gas Pipe Line Company Grant

Previous appointment was at the same rate.

Dr. Underhill resigned his general budget appointment as an Assistant Professor of Mechanical Engineering 1/15/77.

(RBC# 2130)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate

CURRENT RESTRICTED FUNDS (Continued)Art

Transfer of Funds

362. Amount of Transfer - \$15,000

To: Office of the Dean - Fine Arts Foundation - Ford Foundation
 Matching - Faculty Enrichment (\$7,000)
 Ford Foundation Matching - Student Aid (\$8,000)

From: Office of the President - Richard J. Gonzalez Fund

To provide the additional matching funds needed for a Ford Foundation Grant.

(RBC# 2435)

Art and Institute of Latin American Studies

Appointment

Visiting Tinker Professor of Latin American Studies

363. Kazuya Sakai

1/16 - 5/31 100 9 \$ 25,000

Source of Funds: Edward Larocque
 Tinker Visiting Professorship in
 Latin American Studies
 (RBC# 2262)

Interest on Current Restricted FundsTime Deposits

Transfer of Funds

364. Amount of Transfer - \$19,000

To: Account No. 19-0619-1240 (\$15,000)
 Account No. 19-0619-1262 (\$ 4,000)

From: Account No. 19-0619-1200
(RBC# 2456, D-50)Industrial and Business Training Bureau

Change of Status

365. Jim C. Cates

To: Instructor 11/1 - 12/31 100 12 20,268

Social Science Research
 Associate IV 1/1 - 6/30 100 12 20,100

From: Instructor 11/1 - 6/30 100 12 20,268
(RBC# 2224)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>CURRENT RESTRICTED FUNDS (Continued)</u>				
<u>LBJ School of Public Affairs</u>				
Appointment				
366. Ralph W. Furtner				
Lecturer	1/16 - 5/31	50	9	\$ 16,000
Sources of Funds:				
LBJ Foundation Fund	1/16 - 3/15			
General Budget Funds	3/16 - 5/31			
Research Associate (Faculty)	1/16 - 5/31	50	9	16,000
Source of Funds: LBJ School of Public Affairs - Institutes and Seminars account. (RBC# 2214, 2260, 2261)				
<u>Marine Science Institute - Galveston</u>				
Reappointment				
Research Scientist				
367. Richard T. Buffler	1/1 - 8/31	100	12	20,591
Sources of Funds:				
Current Restricted - Various Donors-Gulf Tectonic Project Account	1/1 - 1/31			
Government Contract - NSF Funds	2/1 - 8/31			
Previous appointment was at the same rate. (RBC# 2114, 2520)				
<u>Engineering Foundation</u>				
Transfer of Funds				
368. Amount of Transfer - \$10,000				
To: Industrial Associates				
From: Various Donors				
To provide additional support for the Industrial Associates Program. (RBC# 2554)				
Transfer Between Dissimilar Appropriations				
369. Amount of Transfer - \$16,000				
To: Official Entertainment and Other Expenses (\$3,000) Maintenance and Operation (\$10,000) Faculty Travel (\$3,000)				
From: Administrative Travel (\$3,000) Scholarships (\$13,000)				
Reallocation of funds to provide funds for activities supported through the Engineering Foundation. (RBC# 1937, 2149, 2148)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

CURRENT RESTRICTED FUNDS (Continued)Fine Arts Foundation - Office of the Dean of Fine Arts

Transfer of Funds

370. Amount of Transfer - \$1,000

To: Office of the Dean of Fine Arts - Travel

From: Music - Camps and Contests

To provide for travel expenses anticipated for the remainder of the fiscal year.

(RBC# 2588)

LOAN FUNDSAuxiliary Enterprises Administration

Transfer of Funds

371. Amount of Transfer - \$47,851

To: Matching Funds for Undergraduate Nursing Program (\$10,779)
Matching Funds for NDSL Program (\$29,972)
Matching Funds for Pharmacy Program (\$7,100)

From: Auxiliary Enterprises Administration - Unallocated

To provide matching funds for the Federal allotment for these programs.

(RBC# 2199, 2200, 2201)

PLANT FUNDSReserve for Equipment and Improvements

Transfer of Funds

372. Amount of Transfer - \$67,500

Transfers were made from the Reserve for Equipment and Improvements Account, as follows:

- | | |
|---|-----------|
| (1) Chemistry - Laboratory Expenses - Lagow | \$ 10,000 |
| To provide for equipment and supplies needed for the laboratory of Associate Professor Richard Lagow. (RBC# 2531) | |
| (2) Dean of Engineering - Astronautical Systems Laboratory Expense | 17,500 |
| To provide matching funds for an NSF Grant. (RBC# 2198) | |
| (3) Remodeling in General Purpose Classrooms | 40,000 |
| To establish an account from which expenses of minor repairs to a number of classrooms may be paid. (RBC# 2078) | |

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

PLANT FUNDS (Continued)Townes Hall Annex

Transfer of Funds

373. Amount of Transfer - \$27,000

To: Relocation of Temporary Buildings for Use as Townes Hall Annex

From: Proceeds from Conveyance of Little Campus Property

Estimated cost of relocation of the mobile homes from Texas Union South for use as Townes Hall Annex during construction at Townes Hall.

(RBC# 2233)

1977 SUMMER SESSION BUDGET AMENDMENTS

First Term (6 weeks): June 1, 1977 - July 15, 1977

Second Term (6 weeks): July 16, 1977 - August 31, 1977

Nine Weeks Courses: June 1, 1977 - July 31, 1977

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF HUMANITIES</u>				
<u>Classics</u>				
Resignation				
Assistant Professor				
1. Nancy E. Priest (Non-tenure)	7/16 - 8/31	100	\$ 13,500	\$ 2,250
Remove from Summer Session Budget. (RBC# 2569)				
<u>French and Italian</u>				
Resignation				
Associate Professor				
2. Mary F. J. Baker (Tenure)	7/16 - 8/31	100	16,952	2,826
Remove from Summer Session Budget. (RBC# 2612)				
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES</u>				
<u>Anthropology</u>				
Change of Status				
Professor				
3. Robert M. Malina (Tenure)				
To:	7/16 - 8/31	100	22,000	3,667
From:	6/1 - 7/15	100	22,000	3,667
(RBC# 2579)				
<u>History</u>				
Appointment				
Assistant Professor				
4. Edward I. Steinhart (Non-tenure)	6/1 - 7/15	100	15,700	2,617
(RBC# 2617)				
Resignation				
Assistant Professor				
5. Janet A. Meisel (Non-tenure)	6/1 - 7/15	100	15,000	2,501
Remove from Summer Session Budget. (RBC# 2614)				
Professor				
6. Standish Meacham, Jr. (Tenure)	6/1 - 7/15	100	26,000	4,334
Remove from Summer Session Budget. (RBC# 2615)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES</u>				
(Continued)				
<u>History (Continued)</u>				
Resignation				
Assistant Professor				
7. Douglas H. Daniels (Non-tenure)	7/16 - 8/31	100	\$ 16,000	\$ 2,667
Remove from Summer Session Budget. (RBC# 2616)				
<u>Sociology</u>				
Change of Status				
Assistant Professor				
8. W. Boyd Littrell (Non-tenure)				
To:	6/1 - 7/15	100	16,400	2,734
From:	7/16 - 8/31	100	16,400	2,734
(RBC# 2577)				
Assistant Professor				
9. John Marcum (Non-tenure)				
To:	7/16 - 8/31	100	14,000	2,334
From:	6/1 - 7/15	100	14,000	2,334
(RBC# 2575)				
Associate Professor				
10. Sheldon R. Olson (Tenure)				
To:	7/16 - 8/31	100	18,900	3,151
From:	6/1 - 7/15	100	18,900	3,151
(RBC# 2578)				
<u>COLLEGE OF NATURAL SCIENCES</u>				
<u>Marine Studies</u>				
Resignation				
Lecturer				
11. Joseph H. McGowen (Non-tenure)	7/16 - 8/31	100	18,209	3,035
Remove from Summer Session Budget. (RBC# 2576)				
<u>Zoology</u>				
Appointment				
Professor				
12. Hugh S. Forrest (Tenure)	8/1 - 8/31	100	30,000	3,333
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2527, 2485)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF EDUCATION</u>				
<u>Health, Physical Education and Recreation</u>				
Change of Status				
Assistant Professor				
13. Larry A. Bugen (Non-tenure)				
To:	6/1 - 7/15	100	\$ 15,500	\$ 2,584
From:	7/16 - 8/31	100	15,500	2,584
(RBC# 2594)				
<u>COLLEGE OF FINE ARTS</u>				
<u>Art</u>				
Appointment				
Professor				
14. Bill D. Francis (Tenure)				
6/1 - 7/15 100 21,300 3,551				
Source of Funds: Transfer from				
Unallocated Faculty Salaries				
(RBC# 2461, 2518)				
Change of Status				
Professor				
15. Kenneth W. Prescott (Tenure)				
To:	7/1 - 8/31	100	35,966	7,992
From:	6/1 - 7/31	100	35,966	7,992
(RBC# 2595)				
Instructor				
16. Walter S. Jurkiewicz (Non-tenure)				
To:	7/16 - 8/31	100	11,426	1,905
From:	6/1 - 7/15	100	11,426	1,905
(RBC# 2597)				
Professor				
17. Paul P. Hatgil (Tenure)				
To:	6/1 - 7/15	100	22,500	3,751
From:	7/16 - 8/31	100	22,500	3,751
(RBC# 2596)				

1976-77 BUDGET
SALARY RATE INCREASES OF \$2,000 OR MORE INVOLVING APPOINTMENTS
TO A DIFFERENT POSITION AND NEW AND DIFFERENT DUTIES

Source of Funds: Departmental Salaries unless otherwise specified.

<u>Item No. and Explanation</u>	<u>Present Status</u>	<u>Proposed Status</u>	<u>Effective Dates</u>
1. William C. Alexander Energy Storage Group	Laboratory Research Assistant II (1/2T)	Research Engineer Associate I (F.T.)	
Salary Rate	\$ 6,672	\$ 12,576	1/10-5/24
Source of Funds: Government Contract - Payroll Clearing Account (RBC# 2125)			
2. David P. Bloch (Tenure) Botany - General Budget Funds	Professor (F.T.)	Professor (On Leave from Department)	1/16-5/31
Academic Rate - 9 mos.	\$ 23,826	\$ 23,826	
Botany - USPHS Food and Drug Administration Grant		Research Biochemist (F.T.)	1/16-8/31
Salary Rate	\$ 31,768 (12 mos. equiv)	\$ 35,750 (Temporary Off- Campus Rate)	1/16/77
(RBC# 2557)			
3. Deborah L. Byrd McDonald Observatory	Laboratory Research Assistant II (3/4T)	Information Writer I (3/4T)	
Salary Rate	\$ 7,140	\$ 10,308	1/18/77
Source of Funds: McDonald Observatory Revolving Fund (RBC# 2340)			

<u>Item No. and Explanation</u>	<u>Present Status</u>	<u>Proposed Status</u>	<u>Effective Dates</u>
4. Gay S. Chapman Measurement and Evaluation Center	Student Development Specialist I	Student Development Specialist II	
Salary Rate	\$ 8,724	\$ 11,016	12/17-2/28
Source of Funds: Measurement and Evaluation Center Revolving Funds (RBC# 2315)			
5. Kim H. Eckert Applied Research Laboratories	Laboratory Research Assistant II (1/2T)	Research Engineer Associate II (F.T.)	
Salary Rate	\$ 6,900	\$ 15,900	1/10/77
Source of Funds: Government Contract - Payroll Clearing Account (RBC# 2341)			
6. Allen B. Fortenberry Language Laboratory	Technical Staff Assistant III	Technical Staff Assistant IV	
Salary Rate (RBC# 2497)	\$ 7,896	\$ 9,972	1/19/77
7. Donald I. Good (Non-tenure) Computer Sciences	Assistant Professor		
Academic Rate - 9 mos.	\$ 18,862		
Institute for Computer Sciences and Computer Applications		Research Scientist (Non-faculty)	
Salary Rate - 12 mos.	\$25,149 (equiv)	\$ 27,660	1/16/77
Source of Funds: U. S. Army Contract (RBC# 2410)			

<u>Item No. and Explanation</u>	<u>Present Status</u>	<u>Proposed Status</u>	<u>Effective Dates</u>
8. John B. Gordon Center for Energy Studies	Research Engineer Assistant I	Research Engineer Associate III	
Salary Rate	\$ 9,648	\$ 16,440	2/8-5/31
Source of Funds: Current Restricted - Exxon U.S.A. Foundation Energy Policy Studies Grant (RBC# 2566)			
9. Wilbert E. Gustafson Physical Plant - Building Maintenance - Utilities	Plumber	Plumber Supervisor	
Salary Rate (RBC# 2474)	\$ 14,376	\$ 16,440	2/1/77
10. Frank E. Hall Computation Center	Computer Programmer Assistant II	Computer Programmer I	
Salary Rate	\$ 10,308	\$ 13,452	2/1/77
Source of Funds: Computation Center Revolving Fund (RBC# 2416)			
11. Jed M. Hamilton Civil Engineering	Laboratory Research Assistant II (1/4T)		
Bureau of Engineering Research		Research Engineer Assistant II (1/2T)	
Salary Rate	\$ 6,672	\$ 9,336	1/10-2/28
Source of Funds: Current Restricted Funds - Bureau of Engineering Research - Research Development Account (RBC# 2636)			

<u>Item No. and Explanation</u>	<u>Present Status</u>	<u>Proposed Status</u>	<u>Effective Dates</u>
12. Evelyn H. P. Hill Center for Teaching Effectiveness	Psychologist II (3/4T)	Social Science Research Associate IV (1/2T)	
Salary Rate (RBC# 2338)	\$ 13,008	\$ 17,004	1/12-5/31
13. Robert A. Lamb Applied Research Laboratories	Research Engineer Assistant I (80%T)	Research Engineer Associate I (F.T.)	
Salary Rate	\$ 8,436	\$ 13,008	12/16/76
Source of Funds: Government Contract - Payroll Clearing Account (RBC# 1972)			
14. Wen Yuh Lee Marine Science Institute - Port Aransas	Postdoctoral Research Associate	Research Scientist Associate I	
Salary Rate	\$ 9,972	\$ 12,576	3/1-7/31
Source of Funds: NSF Grant (RBC# 2635)			
15. Buel R. Lyle Industrial and Business Training Bureau	Project Administrator	Project Coordinator	
Salary Rate	\$ 18,480	\$ 21,000	1/1/77
Source of Funds: Interagency Contract with TEA - Adult Performance Level Project (RBC# 2245)			

<u>Item No. and Explanation</u>	<u>Present Status</u>	<u>Proposed Status</u>	<u>Effective Dates</u>
16. Thaddeus J. Mazurek (Non-tenure) McDonald Observatory	Research Scientist Associate II		
Salary Rate - 12 mos.	\$ 15,900		
Astronomy		Assistant Professor (Spring Semester Only)	
Academic Rate - 9 mos. (RBC# 2440)	\$ 11,925 (equiv.)	\$ 15,500	1/16/77
17. Thomas J. Montemayor McDonald Observatory Shop	Computer Programmer Assistant II	Computer Programmer I	
Salary Rate	\$ 9,972	\$ 13,452	2/1-5/31
Source of Funds: Current Restricted Funds - McDonald Observatory Shop (RBC# 2231)			
18. Evelyn M. Mulkern (Non-tenure) French and Italian	Senior Secretary (F.T.)	Assistant Instructor (1/2T)	
Salary Rate - 12 mos.	\$ 8,436		
Academic Rate - 9 mos.	\$ 6,327 (equiv.)	\$ 9,000	1/16/77
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2038, 1985)			
19. David M. Phillips Computation Center	Computer Programmer II	Computer Programmer III	
Salary Rate	\$ 15,900	\$ 18,180	10/1/76
Source of Funds: Computation Center Revolving Fund (RBC# 2568)			

<u>Item No. and Explanation</u>	<u>Present Status</u>	<u>Proposed Status</u>	<u>Effective Dates</u>
20. Lawrence W. Powers Marine Science Institute - Port Aransas	Research Scientist Associate II	Research Scientist Associate III	
Salary Rate	\$ 14,376	\$ 16,440	2/1/77
Source of Funds: Texas Instruments Grant (RBC# 2567)			
21. Alfred H. Saulniers (Non-tenure) Language and Area Center for Latin American Studies	Social Science Research Associate V (1/2T)		
Institute of Latin American Studies	Social Science Research Associate V (1/2T)	Social Science Research Associate V (1/2T)	
Salary Rate - 12 mos. Economics	\$ 18,180	\$ 18,180	
Academic Rate - 9 mos. (RBC# 2356)	\$ 13,635 (equiv.)	\$ 16,000	1/16/77
Assistant Professor (1/2T)			
22. Calvin F. Schaefer Physical Plant - Utilities - Communications and Projections	Maintenance Worker	Communications Technician - Trainee	
Salary Rate	\$ 7,632 (1975-76)	\$ 9,972	9/1/76
1976-77 Original Budget - \$7,896 (RBC# 2001, 2002, 2003)			
23. Danny F. Shrode Applied Research Laboratories	Laboratory Research Assistant II (57.5%T)	Research Engineer Associate I (F.T.)	
Salary Rate	\$ 7,140	\$ 13,008	1/1/77
Source of Funds: Government Contract - Payroll Clearing Account (RBC# 2226)			

<u>Item No. and Explanation</u>	<u>Present Status</u>	<u>Proposed Status</u>	<u>Effective Dates</u>
24. Andrea B. Smith (Non-tenure) School of Nursing	Teaching Assistant (1/2T)	Instructor (Spring Semester Only) (F.T.)	
Academic Rate (RBC# 2215)	\$ 7,700	\$ 12,700	1/16/77
25. John F. Stockton Applied Research Laboratories	Laboratory Research Assistant II (62.5%T)	Research Engineer Associate I (F.T.)	
Salary Rate	\$ 6,900	\$ 13,452	12/15/76
Source of Funds: Government Contract - Payroll Clearing Account (RBC# 1999)			
26. Lon W. Taylor (Non-tenure) Winedale Inn	Director (F.T.)	Director (F.T.) (1/2T) (F.T.)	9/1-1/15 1/16-5/31 6/1-8/31
Salary Rate - 12 mos.	\$ 11,772	\$ 11,772	
School of Architecture		Adjunct Associate Professor (1/2T)	1/16-5/31
Academic Rate - 9 mos.	\$ 8,929 (equiv.)	\$ 14,000	1/16/77
Source of Funds: Transfers from Unallocated Faculty Salaries and from Ethnic Studies: Mexican- American Faculty Salaries (RBC# 2237, 2363, 2270, 2366)			
27. Harry L. Tredennick, III (Non-tenure) Electrical Engineering	Teaching Assistant (1/4T)	Assistant Professor (Spring Semester Only) (F.T.)	
Academic Rate	\$ 8,000	\$ 14,000	1/16/77
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2490, 2628)			

<u>Item No. and Explanation</u>	<u>Present Status</u>	<u>Proposed Status</u>	<u>Effective Dates</u>
28. Raymond C. Zowarka Energy Storage Group	Research Engineer Assistant I (92.5%T)	Research Engineer Associate I (F.T.)	
Salary Rate	\$ 9,648	\$ 12,576	1/1-5/15
Source of Funds: Government Contract - Payroll Clearing Account (RBC# 2126)			

THE UNIVERSITY OF TEXAS AT AUSTIN
CURRENT GENERAL FUNDS
AUGUST 31, 1976, BALANCES TO BE REAPPROPRIATED TO 1976-77

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-0210-0050	Office of Personnel Services and Employee Relations - Maintenance, Operation and Equipment	\$ (105.17)
14-0210-0080	Office of Personnel Services and Employee Relations - Special Equipment	283.00
14-0217-0050	Office of Internal Audits - Maintenance, Operation and Equipment	(31.52)
14-0220-0080	Office of Accounting - Special Equipment	8,068.01
14-0227-0050	Data Processing Division - Maintenance, Operation and Equipment	(24,543.98)
14-0230-0050	Office of the Dean of Students - Maintenance, Operation and Equipment	(546.29)
14-0231-0020	Counseling and Psychological Services Center - Wages	1,429.09
14-0231-0050	Counseling and Psychological Services Center - Maintenance, Operation and Equipment	(835.60)
14-0231-0075	Counseling and Psychological Services Center - Travel	540.00
14-0231-0080	Counseling and Psychological Services Center - Special Equipment	1,937.35
14-0235-1099	Office of the Registrar - Alumni Records	(2,650.95)
14-0236-1010	Office of the Registrar - Classified Personnel	860.80
14-0255-1080	Office of Student Financial Aid - Special Equipment	182.61
14-0265-1050	International Office - Maintenance, Operation and Equipment	(891.08)
14-0605-1050	University Development Office - Maintenance, Operation and Equipment	(88.27)
14-0608-1050	Central Receiving and Delivery - Maintenance, Operation and Equipment	(206.57)
14-0610-1080	University News and Information Service - Special Equipment	2,785.21
14-0614-1000	Special Services - Development Division - Unallocated	69,812.00
14-0617-1200	Miscellaneous General Institutional Expenses - Blanket Position Bond Insurance	3,000.00
14-0649-1100	Staff Benefits - Accrued Sick Leave	232,862.22
14-1401-2020	Office of the Vice-President and Dean of Graduate Studies - Wages	467.00
14-1401-2050	Office of the Vice-President and Dean of Graduate Studies - Minority Recruitment - Travel	(3,521.35)
14-1403-2040	Office of the Vice-President for Academic Affairs - Bicentennial Program Lecture Series	12,498.93

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-1410-2040	School of Architecture - Architecture and Planning - Academic Development Fund	\$ 1,128.02
14-1410-2050	School of Architecture - Architecture and Planning - Maintenance, Operation and Equipment	(2,504.55)
14-1410-2080	School of Architecture - Architecture and Planning - Special Equipment	4,068.11
14-1512-2040	College of Humanities - Academic Development Fund	5,984.01
14-1512-2080	College of Humanities - Dean of Humanities - Special Equipment	88.00
14-1520-2050	College of Humanities - Classics - Maintenance, Operation and Equipment	(573.23)
14-1520-2080	College of Humanities - Classics - Special Equipment	250.91
14-1528-2050	College of Humanities - English - Maintenance, Operation and Equipment	(102.34)
14-1528-2080	College of Humanities - English - Special Equipment	1,537.22
14-1530-2050	College of Humanities - French and Italian - Maintenance Operation and Equipment	(503.40)
14-1530-2080	College of Humanities - French and Italian - Special Equipment	717.11
14-1540-2040	College of Humanities - Germanic Languages - Academic Development Fund	2,958.15
14-1540-2050	College of Humanities - Germanic Languages - Maintenance, Operation and Equipment	(247.91)
14-1540-2080	College of Humanities - Germanic Languages - Special Equipment	15.43
14-1550-2060	College of Humanities - Language Lab - Programmatic Recording	(105.93)
14-1550-2080	College of Humanities - Language Lab - Special Equipment	5,484.30
14-1563-2041	College of Humanities - Oriental and African Languages and Literatures Palestinian Archaeological Project - Academic Development Fund	422.09
14-1563-2050	College of Humanities - Oriental and African Languages and Literatures - Maintenance, Operation and Equipment	(86.24)
14-1564-2050	College of Humanities - Philosophy - Maintenance, Operation and Equipment	(1,827.27)
14-1578-2050	College of Humanities - Slavic Languages - Maintenance, Operation and Equipment	(97.38)
14-1578-2080	College of Humanities - Slavic Languages - Special Equipment	132.55
14-1586-2050	College of Humanities - Spanish and Portuguese - Maintenance, Operation and Equipment	(488.82)
14-1586-2080	College of Humanities - Spanish and Portuguese - Special Equipment	10.64

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-1600-2040	College of Social and Behavioral Sciences - Office of the Dean - Academic Development Fund	\$ 6,637.55
14-1600-2050	College of Social and Behavioral Sciences - Office of the Dean - Maintenance, Operation and Equipment	(125.13)
14-1602-2050	College of Social and Behavioral Sciences - Anthropology - Maintenance, Operation and Equipment	(146.68)
14-1602-2080	College of Social and Behavioral Sciences - Anthropology - Special Equipment	192.97
14-1624-2040	College of Social and Behavioral Sciences - Economics - Academic Development Fund	940.00
14-1624-2050	College of Social and Behavioral Sciences - Economics - Maintenance, Operation and Equipment	(97.87)
14-1624-2080	College of Social and Behavioral Sciences - Economics - Special Equipment	92.25
14-1632-2040	College of Social and Behavioral Sciences - Geography - Academic Development Fund	180.00
14-1632-2050	College of Social and Behavioral Sciences - Geography - Maintenance, Operation and Equipment	(471.85)
14-1644-2050	College of Social and Behavioral Sciences - Government - Maintenance, Operation and Equipment	(542.74)
14-1644-2075	College of Social and Behavioral Sciences - Government - Travel	303.30
14-1648-2040	College of Social and Behavioral Sciences - History - Academic Development Fund	2,500.00
14-1648-2050	College of Social and Behavioral Sciences - History - Maintenance, Operation and Equipment	(34.74)
14-1648-2080	College of Social and Behavioral Sciences - History - Special Equipment	173.76
14-1658-2041	College of Social and Behavioral Sciences - Linguistics - Instructional Scientific Equipment Development Fund	3,400.00
14-1658-2050	College of Social and Behavioral Sciences - Linguistics - Maintenance, Operation and Equipment	(162.81)
14-1672-2040	College of Social and Behavioral Sciences - Psychology - Academic Development Fund	4,800.00
14-1672-2050	College of Social and Behavioral Sciences - Psychology - Maintenance, Operation and Equipment	(1,472.44)
14-1672-2078	College of Social and Behavioral Sciences - Psychology - Computer Rental and Purchase Service	(507.08)
14-1672-2080	College of Social and Behavioral Sciences - Psychology - Special Equipment	739.40
14-1682-2040	College of Social and Behavioral Sciences - Sociology - Academic Development Fund	950.00
14-1682-2050	College of Social and Behavioral Sciences - Sociology - Maintenance, Operation and Equipment	(394.54)

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-1682-2075	College of Social and Behavioral Sciences - Sociology - Travel	\$ 724.53
14-1700-2040	College of Natural Sciences - Office of the Dean - Academic Development Fund	829.73
14-1700-2080	College of Natural Sciences - Office of the Dean - Special Equipment	12,091.00
14-1705-2050	College of Natural Sciences - Astronomy - Maintenance, Operation and Equipment	(3,387.93)
14-1705-2080	College of Natural Sciences - Astronomy - Special Equipment	41.93
14-1710-2020	College of Natural Sciences - Biological Sciences - Wages	1,161.53
14-1710-2050	College of Natural Sciences - Biological Sciences - Maintenance, Operation and Equipment	(833.64)
14-1712-2040	College of Natural Sciences - Botany - Academic Development Fund	2,501.08
14-1712-2051	College of Natural Sciences - Botany - Laboratory Expenses - Starr	20,000.00
14-1712-2080	College of Natural Sciences - Botany - Special Equipment	10,840.28
14-1716-2040	College of Natural Sciences - Chemistry - Academic Development Fund	1,308.86
14-1716-2050	College of Natural Sciences - Chemistry - Maintenance, Operation and Equipment	(20,483.75)
14-1716-2051	College of Natural Sciences - Chemistry - Lab Expenses - Lagow	40,000.00
14-1716-2050	College of Natural Sciences - Chemistry - Lab Expenses - Fox	10,000.00
14-1716-2080	College of Natural Sciences - Chemistry - Special Equipment	4,047.51
14-1722-2080	College of Natural Sciences - Computer Sciences - Special Equipment	669.70
14-1736-2050	College of Natural Sciences - Geological Sciences - Maintenance, Operation and Equipment	(594.63)
14-1736-2080	College of Natural Sciences - Geological Sciences - Special Equipment	2,583.00
14-1752-2020	College of Natural Sciences - Home Economics - Wages	376.32
14-1752-2050	College of Natural Sciences - Home Economics - Maintenance, Operation and Equipment	(498.04)
14-1752-2080	College of Natural Sciences - Home Economics - Special Equipment	8,689.46
14-1760-2040	College of Natural Sciences - Mathematics - Academic Development Fund	1,800.00
14-1760-2050	College of Natural Sciences - Mathematics - Maintenance, Operation and Equipment	(730.28)
14-1760-2080	College of Natural Sciences - Mathematics - Special Equipment	581.21

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-1762-2050	College of Natural Sciences - Microbiology - Maintenance, Operation and Equipment	\$ (3,819.40)
14-1762-2080	College of Natural Sciences - Microbiology - Special Equipment	(89.98)
14-1762-2081	College of Natural Sciences - Microbiology - Research Support - Esmond Snell	99,250.50
14-1762-2040	College of Natural Sciences - Physics - Academic Development Fund	710.00
14-1762-2050	College of Natural Sciences - Physics - Maintenance, Operation and Equipment	(4,022.73)
14-1768-2080	College of Natural Sciences - Physics - Special Equipment	128.38
14-1794-2050	College of Natural Sciences - Zoology - Maintenance, Operation and Equipment	(5,014.94)
14-1794-2080	College of Natural Sciences - Zoology - Special Equipment	64.28
14-1800-2040	Division of General and Comparative Studies - Office of the Dean - Academic Development Fund	2,363.95
14-1800-2050	Division of General and Comparative Studies - Office of the Dean - Maintenance, Operation and Equipment	800.00
14-1802-2050	Division of General and Comparative Studies - Health Professions Office - Maintenance, Operation and Equipment	(148.84)
14-1804-2075	Division of General and Comparative Studies - Comparative Studies - Travel	264.00
14-1808-2009	Division of General and Comparative Studies - Plan II - Administrative and Professional Salaries	1,500.00
14-1808-2050	Division of General and Comparative Studies - Plan II - Maintenance, Operation and Equipment	(133.03)
14-1815-2050	Division of General and Comparative Studies - American Studies - Maintenance, Operation and Equipment	(152.08)
14-1821-2050	Division of General and Comparative Studies - Ethnic Studies - African and Afro-American - Maintenance, Operation and Equipment	(6.32)
14-1833-2050	Division of General and Comparative Studies - Center for Asian Studies, Maintenance, Operation and Equipment	(61.34)
14-1845-2050	Division of General and Comparative Studies - Language and Area Center - Latin American Studies - Maintenance, Operation and Equipment	(521.12)
14-1845-2075	Division of General and Comparative Studies - Language and Area Center - Latin American Studies - Travel	125.38
14-1855-2050	Division of General and Comparative Studies - Center for Middle Eastern Studies - Maintenance, Operation and Equipment	(274.48)
14-2210-2050	College of Business Administration - Accounting - Maintenance, Operation and Equipment	(760.63)

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-2210-2080	College of Business Administration - Accounting - Special Equipment	\$ 68.00
14-2240-2050	College of Business Administration - Finance - Maintenance, Operation and Equipment	(636.30)
14-2245-2050	College of Business Administration - General Business - Maintenance, Operation and Equipment	(538.74)
14-2255-2050	College of Business Administration - Management - Maintenance, Operation and Equipment	(162.38)
14-2270-2050	College of Business Administration - Marketing Administration - Maintenance, Operation and Equipment	(507.66)
14-2270-2080	College of Business Administration - Marketing Administration - Special Equipment	110.50
14-2285-2020	College of Business Administration - Office of the Dean - Wages	2,565.47
14-2285-2040	College of Business Administration - Office of the Dean - Academic Development Fund	2,888.54
14-2285-2078	College of Business Administration - Office of the Dean - Computer Rental and Purchased Services	(1,657.82)
14-2285-2080	College of Business Administration - Office of the Dean - Special Equipment	1,628.02
14-2410-2050	School of Communication - Advertising - Mainte- nance, Operation and Equipment	(881.37)
14-2410-2080	School of Communication - Advertising - Special Equipment	266.14
14-2420-2050	School of Communication - Journalism - Maintenance, Operation and Equipment	(900.52)
14-2430-2050	School of Communication - Radio - TV - Film - Maintenance, Operation and Equipment	(1,452.17)
14-2430-2080	School of Communication - Radio - TV - Film - Special Equipment	112.70
14-2440-2050	School of Communication - Speech Communication - Maintenance, Operation and Equipment	(231.17)
14-2440-2057	School of Communication - Speech Communication - Texas Forensic Union	(170.81)
14-2495-2040	School of Communication - Office of the Dean - Academic Development Fund	12,082.99
14-2604-2050	College of Education - Cultural Foundations of Education - Maintenance, Operation and Equipment	(62.25)
14-2604-2078	College of Education - Cultural Foundations of Education - Computer Rental and Purchase Service	664.40
14-2605-2050	College of Education - Curriculum and Instruction - Maintenance, Operation and Equipment	(284.42)
14-2614-2050	College of Education - Education Administration - Maintenance, Operation and Equipment	(247.90)
14-2614-2080	College of Education - Education Administration - Special Equipment	114.50

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-2620-2050	School of Communication - Educational Psychology - Maintenance, Operation and Equipment	\$ (388.07)
14-2620-2080	College of Education - Educational Psychology - Special Equipment	(116.05)
14-2635-2020	College of Education - Health, Physical Education and Recreation - Wages	615.93
14-2635-2080	College of Education - Health, Physical Education and Recreation - Special Equipment	1,145.87
14-2640-2020	College of Education - Special Education - Wages	217.29
14-2640-2050	College of Education - Special Education - Maintenance, Operation and Equipment	275.90
14-2642-2098	College of Education - Student Field Experiences - Field Service	(306.06)
14-2665-2030	College of Education - Office of the Dean - Visiting Lecturer	1,000.00
14-2665-2040	College of Education - Office of the Dean - Academic Development Fund	2,429.95
14-2665-2041	College of Education - Office of the Dean - Center for History of Education - Academic Development Fund	648.76
14-2665-2050	College of Education - Office of the Dean - Maintenance, Operation and Equipment	(528.19)
14-2670-2050	College of Education - Education Placement Service - Maintenance, Operation and Equipment	(35.24)
14-3005-2050	College of Engineering - Aero-Space and Engineering Mechanics - Aero-Space Engineering - Maintenance, Operation and Equipment	435.42
14-2005-2075	College of Engineering - Aero-Space and Engineering Mechanics - Aero-Space Engineering - Travel	100.32
14-3005-2080	College of Engineering - Aero-Space and Engineering Mechanics - Aero-Space Engineering - Special Equipment	8,464.00
14-3005-2180	College of Engineering - Aero-Space and Engineering Mechanics - Wind Tunnel - Special Equipment	141.13
14-3006-2050	College of Engineering - Engineering Mechanics - Maintenance, Operation and Equipment	(1,848.61)
14-3006-2075	College of Engineering - Engineering Mechanics - Travel	427.65
14-3025-2050	College of Engineering - Chemical Engineering - Maintenance, Operation and Equipment	(3,474.32)
14-3025-2075	College of Engineering - Chemical Engineering - Travel	55.85
14-3025-2078	College of Engineering - Chemical Engineering - Computer Rental and Purchased Services	(115.79)
14-3025-2080	College of Engineering - Chemical Engineering - Special Equipment	171.63
14-3030-2050	College of Engineering - Civil Engineering - Maintenance, Operation and Equipment	(281.98)

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-3030-2080	College of Engineering - Civil Engineering - Special Equipment	\$ 21.51
14-3055-2080	College of Engineering - Electrical Engineering - Special Equipment	(877.94)
14-3075-2050	College of Engineering - Mechanical Engineering - Maintenance, Operation and Equipment	(1,786.74)
14-3075-2078	College of Engineering - Mechanical Engineering - Computer Rental and Purchased Services	(198.31)
14-3075-2080	College of Engineering - Mechanical Engineering - Special Equipment	12.62
14-3077-2050	College of Engineering - Nuclear Reactor Teaching Lab - Maintenance, Operation and Equipment	(2,631.16)
14-3085-2050	College of Engineering - Petroleum Engineering - Maintenance, Operation and Equipment	(1,781.98)
14-3085-2080	College of Engineering - Petroleum Engineering - Special Equipment	88.03
14-3095-2040	College of Engineering - Office of the Dean - Academic Development Fund	10,105.77
14-3095-2098	College of Engineering - Office of the Dean - Reserve for Faculty Salaries	58,139.00
14-3097-2050	College of Engineering - Biomedical Engineering Program - Maintenance, Operation and Equipment	(1,746.28)
14-3405-2050	College of Fine Arts - Art - Maintenance, Opera- tion and Equipment	(232.37)
14-3405-2080	College of Fine Arts - Art - Special Equipment	863.05
14-3410-2050	College of Fine Arts - Art - Teaching Gallery and University Art Collections - Maintenance, Opera- tion and Equipment	(3,193.18)
14-3430-2050	College of Fine Arts - Drama - Maintenance, Opera- tion and Equipment	(1,647.61)
14-3430-2080	College of Fine Arts - Drama - Special Equipment	94.70
14-3460-2003	College of Fine Arts - Music - Summer School Teaching Salaries	2,032.00
14-3460-2050	College of Fine Arts - Music - Maintenance, Opera- tion and Equipment	(1,689.75)
14-3460-2080	College of Fine Arts - Music - Special Equipment	606.65
14-3461-2050	College of Fine Arts - Choral Organizations - Maintenance, Operation and Equipment	(142.17)
14-3490-2040	College of Fine Arts - Office of the Dean of Fine Arts - Academic Development Fund	2,862.44
14-3810-2040	School of Law - Academic Development Fund	1.94
14-3810-2050	School of Law - Maintenance, Operation and Equip- ment	(6,294.01)
14-3810-2080	School of Law - Special Equipment	(708.60)
14-4210-2010	Graduate School of Library Science - Classified Personnel	678.15
14-4210-2040	Graduate School of Library Science - Academic Development Fund	2.18

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-4210-2080	Graduate School of Library Science - Special Equipment	\$ 291.71
4-4605-2041	College of Pharmacy - Drug Dynamics Institute - Academic Development Fund	306.24
4-4605-2050	College of Pharmacy - Maintenance, Operation, and Equipment	(1,228.81)
4-4605-2080	College of Pharmacy - Special Equipment	1,185.00
4-5005-2040	Graduate School of Social Work - Academic Development Fund	809.97
4-5005-2050	Graduate School of Social Work - Maintenance, Operation, and Equipment	(10.94)
4-5005-2080	Graduate School of Social Work - Special Equipment	669.92
4-1530-2050	Military Program - Military Science - Maintenance, Operation, and Equipment	(143.05)
4-6240-2090	Student and Faculty Exchange Program	12,086.96
4-6265-1275	Attendance at Professional Meetings	13,020.53
4-6650-3050	Organized Activities Relating to Instructional Departments - Communication Center - Maintenance, Operation, and Equipment	(288.14)
4-6650-3080	Organized Activities Relating to Instructional Departments - Communication Center - Special Equipment	1,413.03
4-6650-3096	Organized Activities Relating to Instructional Departments - Communication Center - KUT-FM	(1,739.57)
4-6650-3098	Organized Activities Relating to Instructional Departments - Communication Center - Inter-College Closed Circuit Microwave Project	1,720.63
4-6650-3050	Organized Activities Relating to Instructional Departments - Measurement and Evaluation Center - Maintenance, Operation, and Equipment	(25.67)
4-6802-6440	Library - Latin American Materials - Special	(120.49)
4-6805-6030	Library - Books	(94,083.96)
4-6805-6032	Library - Binding	(16.06)
4-6805-6050	Library - Maintenance, Operation, and Equipment	(269.97)
4-6805-6080	Library - Special Equipment	13.62
4-6805-6081	Library - Moving Expenses	83,000.00
4-6825-6040	Library - Law Library - Academic Development Fund	1,622.14
4-6825-6050	Library - Law Library - Maintenance, Operation, and Equipment	(3,654.43)
4-6825-6080	Library - Law Library - Special Equipment	26.00
4-6825-6945	Library - Law Library - Books, Periodicals, and Binding	(3,159.35)
4-7401-0005	Office of the Vice-President and Dean of Graduate Studies - Research Division - Maintenance, Operation, and Equipment	(105.98)
4-7407-2002	Rare Plant Study - Botany - Wages	1,973.58

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-7407-2005	Rare Plant Study - Botany - Maintenance, Operation, and Equipment	\$ 1,853.00
14-7407-2007	Rare Plant Study - Botany - Travel	2,467.80
14-7407-2009	Rare Plant Study - Botany - Administrative and Professional Salaries	984.00
14-7409-0005	Office of Bilingual Education - Maintenance, Operation, and Equipment	(194.10)
14-7430-0005	Research in Texas History - Maintenance, Operation, and Equipment	(336.37)
14-7441-0005	Research in Microbiology - Maintenance, Operation, and Equipment	564.81
14-7451-0505	Population Research Center - Maintenance, Operation, and Equipment	(39.84)
14-7456-0005	Center for Communication Research - Maintenance, Operation, and Equipment	(170.97)
14-7459-0005	Bureau of Engineering Research - Maintenance, Operation, and Equipment	(451.45)
14-7463-6002	Center for Numerical Analysis - Wages	324.00
14-7463-6005	Center for Numerical Analysis - Maintenance, Operation, and Equipment	(793.07)
14-7464-0005	Center for Relativity Theory - Maintenance, Operation, and Equipment	(10.98)
14-7464-1041	Center for Statistical Mechanics and Thermodynamics - Workshop Conference - Academic Development Fund	1,500.00
14-7464-2005	Center for Structural Studies - Maintenance, Operation, and Equipment	(1,022.69)
14-7464-3005	Animal Resources Center - Maintenance, Operation, and Equipment	(156.49)
14-7467-0040	Computation Center - Academic Development Fund	7,128.65
14-7470-0005	Center for Research in Water Resources - Maintenance, Operation, and Equipment	(8.91)
14-7470-0006	Center for Research in Water Resources - Acquisition of Water Resources Publications and Source Materials	(1.59)
14-7470-0008	Center for Research in Water Resources - Matching Funds for Grants	712.15
14-7473-5005	Council for Advanced Transportation Studies - Maintenance, Operation, and Equipment	(1,448.78)
14-7474-0005	Center for Intercultural Studies in Folklore and Ethno-Musicology - Maintenance, Operation, and Equipment	(19.76)
14-7475-0005	Humanities Research Center - Maintenance, Operation, and Equipment	(953.81)
14-7475-0006	Humanities Research Center - Special Equipment	951.70
14-7475-0041	Humanities Research Center - Research and Teaching Materials in General Literature - Academic Development Fund	1,518.24
14-7475-0042	Humanities Research Center - Fine Arts - Academic Development Fund	1,304.12

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
14-7475-0043	Humanities Research Center - Library - Academic Development Fund	\$ 5,068.02
4-7475-0106	Humanities Research Center - Acquisition of Special Collections - Purchase of Carlton Lake Collection	190,000.00
4-7476-0108	Institute for Biomedical Research - Special Equipment	169.00
4-7477-0005	Institute of Latin American Studies - Maintenance, Operation, and Equipment	(219.95)
4-7477-0007	Institute of Latin American Studies - Travel	769.01
4-7477-0105	Institute of Latin American Studies - Publications - Maintenance, Operation, and Equipment	(636.72)
4-7483-0005	Lab of Algal Physiology - Maintenance, Operation, and Equipment	(188.42)
4-7487-0005	Lab for Computer - Assisted Instruction - Maintenance, Operation, and Equipment	(45.27)
4-7486-0005	Learning Disabilities Center - Maintenance, Operation, and Equipment	(176.53)
4-7491-2005	Research Instrument Laboratory - Maintenance, Operation, and Equipment	(62.91)
4-7492-0005	Science Education Center - Maintenance, Operation, and Equipment	(133.41)
4-7493-0005	Social Science Quarterly - Maintenance, Operation, and Equipment	(46.37)
7499-0200	University Research Institute - Project SRF-220 - W.T. Anderson and Linda Golden	400.00
7499-0224	University Research Institute - Project R-224 - J.A. Holcomb	(108.11)
7499-0225	University Research Institute - Project R-225 - J.D. Mauseth	(525.98)
7499-0226	University Research Institute - Project R-226 - Daniel Kamykowski	150.17
7499-0228	University Research Institute - Project R-228 - R.C. Eberhart	(43.94)
7499-0236	University Research Institute - Project SRF-236 - Wilson Geisler	(900.00)
7499-0237	University Research Institute - Project SRF-237 - Milo Backus	3,122.73
7499-0238	University Research Institute - Project SRF-238 - Robert Boyer	8,500.00
7499-0266	University Research Institute - Project R-266 - J.J. Nematollahi	11.69
7499-0290	University Research Institute - Project SRF-290 - W.R. Braisted	393.30
7499-0309	University Research Institute - Project R-309 - J.C. Carter	5,199.59
7499-0321	University Research Institute - Project R-321 - P.J. Szaniszlo	(27.29)
7499-0330	University Research Institute - Project R-330 - W.W. Rostow	57.68

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
4-7499-0414	University Research Institute - Project SRF-414 Keith Young	\$ (10.96)
-7810-5050	Extension - Division of Extension - Bureau of Public School Service - Maintenance, Operation, and Equipment	(354.08)
-8612-8100	Physical Plant - Improvements, Remodeling and Major Repair - Allotment Account	43,804.52
-8612-8586	Physical Plant - Improvements, Remodeling and Major Repair - Improvements to Teaching Facili- ties	2,734.37
-8612-8730	Physical Plant - Improvements - Remodeling and Major Repair - Remodeling of RM 105, Architect Building	1,619.41
-8612-8732	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling Projects in Gregory Gym	1,309.01
-8612-8753	Physical Plant - Improvements, Remodeling and Major Repair - Alterations to Room 222, Art Building	2,024.78
-8612-8757	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling Department of Anthropology Offices, Burdine 336	2,809.39
-8612-8760	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling and Alterations in Biology Laboratory - Rooms 108, 117, 118, & 119, Room 320 & Room 9 & 9A - Physical Plant Director SER 109	22,402.48
8612-8763	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling Rooms 640, 641 & 643 - Patterson Labs Building	13,347.00
8612-8765	Physical Plant - Improvements, Remodeling and Major Repair - Lockers and Wardrobe Cabinets - Music Building East	10,943.48
8612-8766	Physical Plant - Improvements, Remodeling and Major Repair - Tennis Court Complex - Resurfacing Court and Replacing Lumite Curtains and Back- boards Physical Plant Director - SER 109	47,387.00
8612-8769	Physical Plant - Improvements, Remodeling and Major Repair - Improvements in Room 20, Geology Building	3,610.00
8612-8770	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling in Rooms 504, 506 and 508 Experimental Science Building	4,445.00
8612-8771	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling of Room 208 in HEB	1,200.61
8612-8773	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling of Room 5.72, Painter Hall	5,342.40
8612-8777	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling in Room 608, Belmont Hall	24.00
8612-8778	Physical Plant - Improvements, Remodeling and Major Repair - Repairs to Santa Rita Oil Rig	5,400.00
8612-8779	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling in Rooms 305, 401-F and 418, WMB	108.65
8612-8780	Physical Plant - Improvements, Remodeling and Major Repair - Wire Mesh Enclosures in Kitchen, Walter Webb Hall	885.21

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
4-8612-8781	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling in Suite 3.206, H. R. C.	\$ 1,649.86
4-8612-8782	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling in Room 502-E, B.E.L.	12.10
4-8612-8783	Physical Plant - Improvements, Remodeling and Major Repair - Construction of Shelter to Project the Cycad Research Collection	3,200.00
4-8612-8787	Physical Plant - Improvements, Remodeling and Major Repair - Counter and Cashier Cages for Registration	836.14
4-8612-8788	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling in Rooms 113, 114 and 115, Geology Building	10,986.36
4-8612-8789	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling of Student Financial Aid Building	10,500.00
4-8612-8790	Physical Plant - Improvements, Remodeling and Major Repair - Removal of Interview Booths, 4th and 5th Floor Corridors, BEB	1,700.00
4-8612-8791	Physical Plant - Improvements, Remodeling and Major Repairs - Remodeling in Suites 202 and 303 and Rooms 206 and 208 Main Building	4,500.07
8612-8792	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling Third Floor Space Welch Hall	17,656.77
8612-8793	Physical Plant - Improvements, Remodeling and Major Repair - Revisions to Projection Room 104-A, Education Building	1,700.00
8612-8794	Physical Plant - Improvements, Remodeling and Major Repair - Carpet in Speech Building, Rooms 101 and 111	3,690.00
8612-8795	Physical Plant - Improvements, Remodeling and Major Repair - Solar Heating and Cooling Project in Taylor Hall 214	2,102.50
8612-8796	Physical Plant - Improvements, Remodeling and Major Repair - Display Cabinet for Main Building, Room 101	450.00
8612-8797	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling in Rooms 117 and 219, Biological Labs Building	7,938.02
8612-8798	Physical Plant - Improvements to Buildings 5 & 6, BRC	6,357.40
8612-8800	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling in Wooldridge Hall for Art and Music	3,900.00
8612-8801	Physical Plant - Improvements, Remodeling and Major Repair - Remodeling in Rooms 216 and 222, Biological Laboratory	20,050.00
8612-8802	Physical Plant - Improvements, Remodeling and Major Repair - Alterations to History Department Office - Rooms 101 & 103, Garrison Hall	2,100.00

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
4-8612-8803	Physical Plant - Improvements, Remodeling and Major Repair - Water Pollution Study at Balcones Research Center	\$ 5,000.00
-8612-8804	Physical Plant - Improvements, Remodeling and Major Repairs - Texas Olympic Swimming Center - Equipment	27,000.00
-8612-8805	Physical Plant - Improvements, Remodeling & Major Repairs - Renovation in Laboratory Rooms, RLM 2.420	400.00
-8630-5080	Physical Plant - General Services - Administration Main Campus - Office of Superintendent - Building and Grounds - Special Equipment	749.37
-8635-2050	Physical Plant - Other General Services Main Campus - Safety Office - Maintenance, Operation, and Equipment	(83.76)
-8635-2080	Physical Plant - Other General Services Main Campus - Safety Office - Special Equipment - New Building	1,531.00
-8635-4080	Physical Plant - Other General Services Main Campus - Transportation - Special Equipment	128.00
-8635-4081	Physical Plant - Other General Services Main Campus - Transportation - Moving Expenses - New Buildings	46,000.00
8635-6080	Physical Plant - Other General Services Main Campus - Furniture and Furnishings Shop - Special Equipment	635.00
8636-5020	Physical Plant - Other General Services - Main Campus - University Police Department - Wages	1,777.09
8636-5050	Physical Plant - Other General Services Main Campus - University Police Department - Maintenance, Operation, and Equipment	8,036.34
8637-0050	Physical Plant - Other General Services Balcones Research Center - Maintenance, Operation, and Equipment	(1,068.12)
8639-0050	Physical Plant - Other General Services McDonald Observatory - Maintenance, Operation, and Equipment	(95.83)
8640-1050	Physical Plant - Building Maintenance - Construction and Maintenance - Maintenance, Operation, and Equipment	(102,596.61)
8642-0050	Physical Plant - Building Maintenance - Balcones Research Center - Maintenance, Operation, and Equipment	(765.34)
8642-0080	Physical Plant - Building Maintenance - Balcones Research Center - Special Equipment	174.50
8666-0020	Physical Plant - Ground Maintenance - McDonald Observatory - Wages	830.49
8642-0085	Physical Plant - Building Maintenance - Balcones Research Center - Building Rehabilitation	788.72
8644-0050	Physical Plant - Building Maintenance - Marine Science Institute - Maintenance, Operation, and Equipment	(25.19)
8650-1081	Physical Plant - Custodial Service Main Campus - Special Equipment - New Buildings	3,148.98
8650-1050	Physical Plant - Ground Maintenance - Main Campus - Maintenance, Operation, and Equipment	(403.32)

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
-8660-1080	Physical Plant - Ground Maintenance - Main Campus - Special Equipment	\$ 374.26
-8666-0050	Physical Plant - Ground Maintenance - McDonald Observatory - Maintenance, Operation, and Equipment	(555.01)
-9605-7050	Texas Memorial Museum - Maintenance, Operation, and Equipment	555.22
+9620-7080	Bureau of Economic Geology - Special Equipment	513.22
+9622-7050	Special Items - Center for Energy Studies - Maintenance, Operation, and Equipment	(1,881.44)
4-9622-7080	Special Items - Center for Energy Studies - Energy Program Development Including Travel	(56,174.54)
4-9625-7050	Special Items - Lyndon Baines Johnson School of Public Affairs - Maintenance, Operation, and Equipment	(1,297.61)
4-9634-7010	Special Items - Marine Science Institute - Classi- fied Personnel	3,276.00
4-9634-7020	Special Items - Marine Science Institute - Wages	3,751.97
4-9634-7050	Special Items - Marine Science Institute - Main- tenance, Operation, and Equipment	(1,174.54)
4-9634-7055	Special Items - Marine Science Institute - Budge- tary Adjustments	48,633.76
4-9634-7075	Special Items - Marine Science Institute - Travel	2,871.62
4-9635-7055	Special Items - Marine Science Institute - Port Aransas - Library and Source Material	(10.65)
4-9635-7078	Special Items - Marine Science Institute - Port Aransas - Computer Rental and Purchased Service	(72.88)
4-9635-7080	Special Items - Marine Science Institute - Port Aransas - Special Equipment	1,371.31
4-9640-7050	Special Items - McDonald Observatory - Maintenance, Operation, and Equipment	(1,341.60)
4-9845-9000	Unallocated Accounts - Unallocated Teaching Salaries	239,418.00
4-9846-9000	Unallocated Accounts - Unallocated Classified Personnel	3,384.15
4-9847-9000	Unallocated Accounts - Unallocated Traveling Expenses	11,469.24
4-9855-9000	Unallocated Accounts - Teaching Equipment, Research Equipment and Research Collections	19,387.00
+9860-9000	Unallocated Accounts - Unallocated Special Equip- ment	44,750.00
-9870-9000	Unallocated Accounts - Unallocated Teaching Equipment	26,778.00
-9840-9000	Unallocated Accounts - Academic Development Fund	55,290.41
7463-2005	Original Research - Cell Research Institute - Maintenance, Operation, and Equipment	(145.77)
7463-2008	Original Research - Cell Research Institute - Special Equipment	<u>25,008.05</u>
# 2572)		<u>\$ 1,512,238.65</u>

THE UNIVERSITY OF TEXAS AT AUSTIN

Other Fiscal Items:

Schedule of Additional or Changes in
Funding of Construction Projects

200

<u>Project Number</u>	<u>Project Title</u>	<u>Source of Funds</u>		<u>Amount</u>
		<u>From</u>	<u>To</u>	
102-198	Special Events Center		IOP	\$ 400,000.00

Legend: IOP - Interest on Proceeds



THE UNIVERSITY OF TEXAS AT DALLAS

OFFICE OF THE PRESIDENT

March 15, 1977

Deputy Chancellor E. D. Walker
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Deputy Chancellor Walker:

The docket for the April 15, 1977 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

A handwritten signature in cursive script that reads 'Bryce Jordan'.

Bryce Jordan
President

BJ:cp
Attachment

THE UNIVERSITY OF TEXAS AT DALLAS

GIFTS

The following gifts have been received. I recommend acceptance by the Board.
Two asteriks following the dollar amount indicate a non-monetary gift.

<u>DONOR</u>	<u>PURPOSE AND CONDITIONS</u>	<u>AMOUNT</u>
1. Foundation for Callier Center & Communication Disorders 3300 Republic Bank Tower Dallas, Texas 75201	In support of the Callier Center	\$ 6,977.98
2. Lena E. Callier Trust First National Bank in Dallas	In support of Callier Center	8,500.00
3. Lena E. Callier Trust First National Bank in Dallas	In support of the Callier Center	5,000.00
4. Lena E. Callier Trust First National Bank in Dallas	In support of the Callier Center	8,500.00
5. Mr. Norman J. Clark 7546 Yamini Drive Dallas, Texas 75230	Geological Information Library of Dallas	37,546.00**
6. General American Oil Co. of Texas Meadows Building Dallas, Texas 75206	Geological Information Library of Dallas	10,000.00
7. Roy Guffey Oil Company 1116 One Energy Square Dallas, Texas 75206	Geological Information Library of Dallas	5,000.00
8. Mr. Ralph B. Smith 6500 Cedar Springs Rd. P. O. Box 35425 Dallas, Texas 75235	Wineburgh Philatelic Library	9,908.56**
9. Sun Oil Company Southland Center P. O. Box 2880 Dallas, Texas 75221	Geological Information Library of Dallas	5,000.00
10. United Fund of Metropolitan Dallas, Inc. 901 Ross Dallas, Texas	In support of the Callier Center	21,106.00
11. United Fund of Metropolitan Dallas, Inc. 901 Ross Dallas, Texas	In support of the Callier Center	266,632.00

THE UNIVERSITY OF TEXAS AT DALLAS

GIFTS (continued)

<u>DONOR</u>	<u>PURPOSE AND CONDITIONS</u>	<u>AMOUNT</u>
12. Mr. H. Harold Wineburgh 3033 Republic National Bank Tower Dallas, Texas 75201	Wineburgh Philatelic Library	\$15,558.01**

ABSENCE FROM USUAL AND REGULAR DUTIES

In accordance with Part Two, Chapter III, Section 13, of the Rules and Regulations of the Board of Regents of the University of Texas System, I recommend and the Chancellor's Office has approved, the following requests for absence from usual and regular duties:

1. H. C. Carlson, Jr. for the period December 5, 1976 thru December 15, 1976 to travel to Arecibo Observatory, Arecibo, Puerto Rico to attend the Arecibo Scientific Advisory Committee Meeting and to gather data regarding ongoing UTD/Arecibo research programs in incoherent scatter. No state funds are involved.
2. Joan M. Chandler for the period December 19, 1976 thru January 1, 1977 to travel to London, England to do research. No state funds are involved.
3. Martin Halpern for the period February 16, 1977 thru February 28, 1977 to travel to Guayaquil, Ecuador to participate in a meeting of the UNESCO-IUGS Project 120 Magmatic Evolution of the Andes.
4. W. B. Hanson for the period January 18, 1977 thru February 13, 1977 to travel to Hawaii to the Division of Planetary Science meeting to present a paper; travel to Christchurch New Zealand to the symposium on the Magnetosphere to present a paper and present seminars to the space science groups at the University of Canterbury, Christchurch and the University of Otago, Dunedin. No state funds are involved.
5. Walter J. Heikkila for the period January 11, 1977 thru July 31, 1977 to travel to Stockholm, Sweden to do research at the Royal Institute of Technology; travel to Dartmouth College, USA; York University, Canada; Imperial College, England; and Max Planck Institute, West Germany to do research; and travel to Helsinki, Finland to Finnish Meteorological Institute to study ground based auroral observations from the IMS network. No state funds are involved.
6. Francis S. Johnson for the period February 27, 1977 thru March 12, 1977 to travel to London, England to attend a meeting of the Space Science Committee of the European Science Foundation and travel to Paris, France to attend a Program Committee Meeting of the Committee on Space Research. No state funds are involved.
7. Janis A. Mayes for the period October 2, 1976 thru October 10, 1976 to travel to Dakar, Senegal to participate in an International Congress sponsored by the Fondation Leopold Sedar Senghor. No state funds are involved.

THE UNIVERSITY OF TEXAS AT DALLAS

ABSENCE FROM USUAL AND REGULAR DUTIES (continued)

- 8. J. P. McClure for the period March 8, 1977 thru April 8, 1977 to travel to Lima, Peru to perform a series of scientific experiments. No state funds are involved.
- 9. Emile A. Pessagno, Jr. for the period April 24, 1977 thru April 30, 1977 to travel to Vancouver, Canada to attend 1977 annual meeting of the Geological Association of Canada Mineralogical Association of Canada, Society of Economic Geologists, Canadian Geophysical Union and to present a paper; and travel to Menlo Park, California to discuss upcoming trip to Alaska related to a NSF research project. No state funds are involved.
- 10. Peter Skafte for the period September 15, 1976 to November 18, 1976 to travel to Nepal to instruct three anthropological courses using field experience as background for student studies. No state funds are involved.
- 11. A. Richard Sogliuzzo for the period December 5, 1976 thru January 1, 1977 to travel to New York for conferences with faculty candidates and for library research; and travel to Agrigento, Sicily to present a paper at the International Pirandello Congress. Cost of \$252.00 to be paid by the School of Arts and Humanities.
- 12. Alex Stepick, III for the period December 17, 1976 thru January 13, 1977 to travel to Oaxaca, Mexico to continue research on his grant "Housing the Urban Poor in Mexico: Assessment, Planning and Implementation." Expenses to be paid by an Organized Research Project Account.
- 13. Brian A. Tinsley for the period October 14, 1976 thru October 26, 1976 to travel to Lima, Peru to make optical measurements in conjunction with NSF and NASA grants. No state funds are involved.
- 14. J. D. Winningham for the period February 15, 1977 thru March 3, 1977 to travel to Toronto, Canada; Copenhagen, Denmark; Stockholm, Sweden, and Freiburg, Germany for the preparation of joint proposal to NASA for Sounding Rocket Expedition to the Northern Magnetospheric Cleft. No state funds are involved.
- 15. Felix Zamora for the period December 17, 1976 thru January 13, 1977 to travel to Oaxaca, Mexico to continue research on "Housing the Urban Poor in Mexico: Assessment, Planning and Implementation." Expenses to be paid by an Organized Research Project Account.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL)

OKS

The following grants have been executed by the appropriate official and I recommend ratification:

- 1. Agency: Scaife Family Charitable Trusts
- Agreement
- No.: UTD 20-77 (UTD E1578-01)
- Principal
- Investigator: James L. Crowson
- New Funds: \$100,000
- Date: January 1, 1977 thru December 31, 1977
- Description: Cooperative Program Between U.T. Dallas and The Aberrant Behavior Center
- County of
- Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) (continued)

The following grant has been executed by the appropriate official, and I recommend ratification:

2. Agency: City of Dallas, Texas
 Contract No.: 76-103, Change Order Number One (UTD E1550)
 Principal
 Investigator: G. Fred Lee
 New Funds: None
 Date: May 17, 1976 thru November 30, 1977
 Description: Lake Ray Hubbard Eutrophication Study
 County of
 Expenditure: Dallas/Collin

3. Agency: The Robert A. Welch Foundation
 Grant No.: AT-562 (UTD E1341)
 Principal
 Investigator: Lynn A. Melton
 New Funds: \$48,000
 Date: June 1, 1977 thru May 31, 1980
 Description: Energy Transfer and Reactions in Diatomic Metal Hydrides
 County of
 Expenditure: Dallas/Collin

4. Agency: The Robert A. Welch Foundation
 Grant No.: AT-580 (UTD E1345)
 Principal
 Investigator: Christopher A. Parr
 New Funds: \$24,000
 Date: June 1, 1977 thru May 31, 1979
 Description: Polyatomic Potentials and Reaction Dynamics
 County of
 Expenditure: Dallas/Collin

5. Agency: The Robert A. Welch Foundation
 Grant.No.: AT-584 (UTD E1344)
 Principal
 Investigator: A. Dean Sherry
 New Funds: \$24,000
 Date: June 1, 1977 thru May 31, 1979
 Description: Nuclear Magnetic Resonance Investigations of Lectin-Cell Interactions
 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)

BOARD OF REGENTS MEETING - April 15, 1977

The following contracts, grants and amendments have been signed by the appropriate official upon the recommendation of the respective technical directors, fiscal officers, and the Director of the Office of Sponsored Projects.

Expenditures from these contracts and grants will be made in accordance with regular University operating procedures and contractual limitations. Personnel appointments and changes will be in accordance with University salary rates and approvals. Travel and purchasing conform to established procedures.

1. Agency: Air Force Office of Scientific Research
 Grant No.: AFOSR-76-2979, Modification No. A (UTD E1538-03)
 Principal: George Moushegian
 Investigator:
 New Funds: \$39,192
 Date: January 1, 1977 thru December 31, 1977
 Description: Encoding of Speech Sounds by Cochlear Nucleus Neurons
 County of:
 Expenditure: Dallas/Collin

2. Agency: Economic Development Administration, USDC
 Grant No.: OER-558-G-77-8 (99-7-13365) (UTD E1580-01)
 Principal:
 Investigator: Raymond P. Lutz
 New Funds: \$10,000
 Date: January 10, 1977 thru February 9, 1977
 Description: The Feasibility of Establishing the Southwest Center
 for Economic and Community Development
 County of:
 Expenditure: Dallas/Collin

3. Agency: NASA/Ames Research Center
 Contract No.: NAS2-8802, Modification No. 14 (UTD E1380-01)
 Principal:
 Investigator: John H. Hoffman
 New Funds: \$125,000
 Date: December 31, 1976 thru January 15, 1977
 Description: Pioneer-Venus Large Probe Neutral Mass Spectrometer (UTD/LNMS)
 County of:
 Expenditure: Dallas/Collin

4. Agency: NASA/Ames Research Center
 Contract No.: NAS2-8802 Modification No. 15 (UTD E1380)
 Principal:
 Investigator: John H. Hoffman
 New Funds: \$150,000
 Date: January 16, 1977 thru March 15, 1977
 Description: Pioneer-Venus Large Probe Neutral Mass Spectrometer (UTD/LNMS)
 County of:
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

5. Agency: NASA/Ames Research Center
 Contract No.: NAS2-8802 Modification No. 16 (UTD E1380)
 Principal
 Investigator: John H. Hoffman
 New Funds: None
 Date: May 12, 1975 thru January 17, 1977
 Description: Pioneer-Venus Large Probe Neutral Mass Spectrometer (UTD/LNMS)
 County of
 Expenditure: Dallas/Collin
6. Agency: NASA/Ames Research Center
 Contract No.: NAS2-8802, Modification No. 18 (UTD E1380)
 Principal
 Investigator: John H. Hoffman
 New Funds: \$55,000
 Date: March 16, 1977 thru March 31, 1977
 Description: Pioneer-Venus Large Probe Neutral Mass Spectrometer (UTD/LNMS)
 County of
 Expenditure: Dallas/Collin
7. Agency: NASA/Goddard Space Flight Center
 Contract No.: NAS5-11407, Modification No. 19 (UTD E1677)
 Principal
 Investigator: William B. Hanson
 New Funds: \$58,000
 Date: July 21, 1977 thru October 31, 1977
 Description: Atmosphere Explorer Planar Ion Trap Experiment (and Long-Term Data Analysis for AE-C, D, and E Missions)
 County of
 Expenditure: Dallas/Collin
8. Agency: NASA/Goddard Space Flight Center
 Contract No.: NAS5-11406, Modification No. 20 (UTD E1678)
 Principal
 Investigator: John H. Hoffman
 New Funds: \$40,000
 Date: July 1, 1977 thru September 30, 1977
 Description: Atmosphere Explorer Magnetic Ion Mass Spectrometer Experiment and Long-Term Data Analysis for AE-C and D Missions)
 County of
 Expenditure: Dallas/Collin
9. Agency: NASA/Langley Research Center
 Contract No.: NAS1-9699, Modification No. 22 (UTD E1665)
 Principal
 Investigator: William B. Hanson
 New Funds: \$9,000
 Date: April 8, 1970 thru September ~~20~~³⁰, 1977
 Description: Science Planning for Viking 1975 Missions
 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

10. Agency: NASA/George C. Marshall Space Flight Center
 Contract No.: NAS8-31775, Modification No. S/A 4 (UTD E1546-02)
 Principal
 Investigator: William B. Hanson
 New Funds: \$3,000
 Date: March 18, 1976 thru July 17, 1977
 Description: ATS 7 and OGO 5 Data Analysis
 County of
 Expenditure: Dallas/Collin
11. Agency: NASA/Wallops Flight Center
 Grant No.: NSG-6012, Supplement No. 1 (UTD E1564)
 Principal
 Investigator: Andrew B. Christensen
 New Funds: None
 Date: January 23, 1977 thru March 22, 1977
 Description: Rocket/Satellite Program In Aeronomy - Task I: Rocket Probes
 County of
 Expenditure: Dallas/Collin
12. Agency: National Institute of Allergy and Infectious Diseases, DHEW
 Contract No.: NO1 AI 62517 (UTD E1572-01)
 Principal
 Investigator: Royston C. Clowes
 New Funds: \$2,283
 Date: September 30, 1976 thru September 29, 1977
 Description: Verification of Genetic Constitution of Plasmid Vectors
 County of
 Expenditure: Dallas/Collin
13. Agency: National Institute of Child Health and Human Development, DHEW
 Grant No.: 1 RO1 HD10422-01 (UTD E1579-01)
 Principal
 Investigator: Ross J. Roeser
 New Funds: \$68,403
 Date: January 1, 1977 thru December 31, 1977
 Description: Central Auditory Processing in Communication Disorders
 County of
 Expenditure: Dallas/Collin
14. Agency: National Science Foundation
 Grant No.: EAR74-13861, Amendment No. A01 (UTD E1355)
 Principal: Charles E. Helsley
 Investigator:
 New Funds: None
 Date: February 1, 1977 thru September 30, 1977
 Description: Paleomagnetic Studies on Stratigraphic Sequences of Paleozoic and Mesozoic Ages from North America
 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

- 15. Agency: National Science Foundation
 Grant No.: EAR75-15661, Amendment No. A01 (UTD E1383)
 Principal
 Investigator: Charles E. Helsley
 New Funds: None
 Date: February 1, 1977 thru September 30, 1977
 Description: Collaborative Research: Seismic Studies of the Crustal Structure of Southern Peru and Adjacent Portions of the Andean Subduction Zone

 County of
 Expenditure: Dallas/Collin

- 16. Agency: National Science Foundation
 Grant No.: INT76-18982 (UTD E1690-04)
 Principal
 Investigator: Carl B. Collins
 New Funds: \$144,400
 Date: April 1, 1977 thru September 30, 1980
 Description: Atomic and Molecular Physics
 County of
 Expenditure: Dallas/Collin

- 17. Agency: Office of Education, DHEW
 Grant No.: P007704270 (UTD E1393-02)
 Coordinator: Gary L. Matney
 New Funds: \$12,000
 Date: July 1, 1976 thru June 30, 1977
 Description: Basic Educational Opportunity Grant
 County of
 Expenditure: Dallas/Collin

- 18. Agency: Office of Education, DHEW
 Grant No.: G007605565 (UTD E1582)
 Coordinator: Gary L. Matney
 New Funds: \$4,501
 Date: September 1, 1976 thru August 31, 1977
 Description: Indian Education Fellowship Program
 County of
 Expenditure: Dallas/Collin

- 19. Agency: U. S. Department of Commerce, Economic Development Administration
 Grant No.: OER-558-G-77-8 (99-7-13365) (UTD E1580)
 Principal
 Investigator: Raymond P. Lutz
 New Funds: None
 Date: February 10, 1977 thru March 9, 1977
 Description: The Feasibility of Establishing the Southwest Center for Economic and Community Development

 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)(continued)

20. Agency: NASA/Goddard Space Flight Center
Contract No.: NAS5-11407, Modification No. 18 (UTD E1677)
Principal
Investigator: William B. Hanson
New Funds: \$44,929
Date: February 1, 1977 thru July 20, 1977
Description: Atmosphere Explorer Planar Ion Trap Experiment (and Long-Term Data Analysis for AE-C, D, and E Missions)
County of
Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1976/77 OPERATING BUDGET

BOARD OF REGENTS MEETING - April 15, 1977

GENERAL ADMINISTRATION AND STUDENT SERVICES

Admissions & Registration

- 1. Transfer of Funds

Amount of Transfer	-	\$1,345
From: Maintenance & Operation		\$ 1,345
To: Computer Support Services		\$ 1,345

To provide for the purchase of computer forms. (D311B)

RESIDENT INSTRUCTION

School of Arts & Humanities

- 2. Transfer of Funds

Amount of Transfer	-	\$12,000
From: Unallocated Organized Reserach Maintenance & Operation		\$12,000
To: Maintenance & Operation		\$12,000

To provide for Program Development consulting fees.(D305)

School of Management & Administration

- 3. Appoint Richard J. Briston, Visiting Professor without tenure, 100% time for the period 1/16/77 thru 5/31/77, academic salary rate \$20,000. Funds for this appointment available from Faculty Salaries.(D292)
- 4. Revise academic title for Jon D. Clark, from Instructor without tenure to Assistant Professor without tenure, effective 1/16/77, with no change in academic salary rate of \$15,800. (D311)

School of Natural Sciences & Mathematics

- 5. Promote Roy C. Chaney, from Assistant Professor without tenure to Associate Professor with tenure, effective 9/01/77, with no change in academic salary rate of \$17,000.

RAGER Operations

- 1. Transfer of Funds

Amount of Tranffer	-	\$2,650
From: Administrative & Professional Salaries		\$ 2,650
To: Classified Salaries		\$ 2,650

To provide funds for Research Engineer/Scientist Associate position.(D269)

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1976/77 OPERATING BUDGET (continued)RESIDENT INSTRUCTION (continued)Callier Center Deaf-Blind Programs

7. Resign Kenneth C. Pyron, Associate Teacher - Class Code 1000, effective 1/26/77, 9-month salary rate \$4,300. (D313)
8. Appoint Deborah Brinson, Teacher Aide - Class Code 1000, 100% time for the period 2/06/77 thru 5/30/77, 9-month salary rate \$6,030. Funds for this appointment available from Administrative & Professional Salaries. (D312)
9. Appoint Stella B. Kammerzell, Teacher Aide - Class Code 1000, 100% time for the period 2/06/77 thru 5/30/77, 9-month salary rate \$6,030. Funds for this appointment available from Administrative & Professional Salaries. (D314)

ORGANIZED RESEARCHCenter for Space Studies

10. Transfer of Funds

Amount of Transfer	-	\$ 1,280
From: Administrative & Professional Salaries		\$ 1,280
To: Classified Salaries		\$ 1,280

To provide for the establishment of an Administrative Services Officer position. (D309)

CONTRACTS AND GRANTSNatural Sciences & Mathematics

1. Reappoint Michael H. Patrick, Research Scientist - Class Code 1000, 100% time for the period 6/01/77 thru 8/31/77, academic salary rate \$19,200. Funds for this appointment available from Contracts & Grants. (D300)
2. Reappoint Royston C. Clowes, Research Scientist - Class Code 1000, 100% time for the period 6/01/77 thru 8/31/77, academic salary rate \$32,400. Funds for this appointment available from Contracts & Grants. (D301)
3. Appoint Dean C. Presnall, Research Scientist - Class Code 1000, 50% time for the period 2/01/77 thru 3/31/77, academic salary rate \$19,000. Funds for this appointment available from Contracts & Grants. (D308)

Center for Quantum Electronics

1. Revise Wha-Pyo Lee, from Research Technician II - Class Code 4421 and annual salary rate of \$9,024 to Research Engineer/Scientist Associate I - Class Code 4211 and annual salary rate of \$12,168, effective 3/01/77. Funds available from Contracts & Grants. (D307)

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1976/77 OPERATING BUDGET (continued)

CONTRACTS AND GRANTS (continued)

Callier Center

15. Appoint Ted. L. Langford, Research Scientist - Class Code 1000, 100% time for the period 1/01/77 thru 8/31/77, annual salary rate \$16,000. Funds for this appointment available from Contracts & Grants.

AUXILLIARY ENTERPRISES

Student Services

16. Appoint Margaret A. Kidd, Coordinator of International and Special Student Services, 100% time for the period 1/01/77 thru 8/31/77, annual salary rate \$16,000. Funds for this appointment available from Administrative & Professional Salaries. (D306)(D311A)

There are no pages D-14 through D-40. These items were deleted because they needed further processing through the Deputy Chancellor's office.

THE UNIVERSITY OF TEXAS AT DALLAS

Office of the Director of Admissions & Registrar

Calendar of the Long Session, 1977 - 1978

Fall Semester

15 Class Weeks Plus One Week for Final Examinations

August 25-26	Thursday-Friday. Registration, orientation and advisement for the Fall Semester.
August 29	Monday. Classes begin. Late registration begins. (fee required)
September 5	Monday, Labor Day. University Holiday.
September 12	Monday. Last day for registration and adding courses.
September 14	Wednesday. Census day and date on which the official enrollment is taken.
September 19	Monday. Last day for making application for a degree.
October 22	Saturday. Last day for dropping a course with an automatic grade of W.
November 24-26	Thursday-Saturday. Thanksgiving holidays.
December 2	Friday. Last day for presenting final copies of the Master's Thesis or Doctoral Dissertation, approved by committee, to the Graduate Dean.
December 7	Wednesday. Last day of classes. (except classes meeting only on Thursday, Friday or Saturday will have last class session on December 8-10).
December 8,9,10	Thursday-Saturday. Reading Period.
December 12-17	Monday-Saturday. Fall semester final examinations.

The Academic Calendar may be subject to change or modification.

Spring Semester

15 Class Weeks Plus One Week for Final Examinations

January 10-11	Tuesday-Wednesday. Advisement and Registration for the Spring Semester.
January 12	Thursday. Classes begin. Late registration begins. (fee required)
January 25	Wednesday. Last day for registration and adding courses.
January 27	Friday. Census day and the date on which the official enrollment count is taken.
February 1	Wednesday. Last day for making application for a degree.
March 8	Wednesday. Last day for dropping courses with automatic grade of W.
March 20-25	Monday-Saturday inclusive. Spring Break.
April 25	Tuesday. Last day for presenting final copies of the Master's Thesis or Doctoral Dissertation, approved by Committee, to the Graduate Dean.
April 29	Saturday. Last day of classes.
May 1-2	Monday-Tuesday. Reading Period.
May 3-9	Wednesday-Tuesday. Spring semester final examinations.
May 20	Saturday. Commencement (Public Exercises)

The Academic Calendar may be subject to change or modification.

Calendar for the Summer Session 1978

First Term (6 weeks)	Includes Registration and Final Examinations May 24 - July 3
Second Term (6 weeks)	Includes Registration and Final Examinations July 7 - August 16
Long Term (12 weeks)	Includes Registration, Mid-Term Break and Final Examinations May 24 - August 16
May 24	Wednesday. Registration. Students registering on May 24 may register and pay fees for all courses to be taken during any or all of the terms of the Summer Session.
May 25	Thursday. Classes begin. Late registration begins. (fee required)
May 30	Tuesday. Census day and the date on which the official enrollment count is taken. Last day for registration and adding courses.

- June 1 Thursday. Last day for making application for a degree.
- June 14 Wednesday. Last day for dropping First Term courses with an automatic grade of W.
- June 27 Tuesday. Last class day of First Summer Term.
- June 28 Wednesday. Reading period for First Summer Term Final Examinations.
- July 5 Wednesday. Last day for dropping Double Term courses with automatic grade of W.
- June 29-July 8 Thursday-Saturday. Mid-Session vacation for Double Term Courses.
- June 29-July 3 Thursday, Friday, Monday. Final examinations for First Term Courses.
- July 4 Tuesday. Independence Day holiday.
- July 7 Friday. Registration for Second Term Courses.
- July 10 Monday. Classes continue. Late registration begins for Second Summer Term. (fee required)
- July 13 Thursday. Census day of Second Term and the date on which the official enrollment count is taken. Last day for registration and adding courses.
- July 29 Saturday. Last day for dropping Second Term Courses with automatic grade of W.
- August 2 Wednesday. Last day for presenting final copies of Master's Thesis or Doctoral Dissertation, approved by Committee, to the Graduate Dean.
- August 10 Thursday. Last class day for Second Term and Double Term.
- August 11 Friday. Reading period.
- August 14-16 Monday-Wednesday. Final examinations in Second Term and Double Term Courses.

The Academic Calendar may be subject to change or modification.

THE UNIVERSITY OF TEXAS AT DALLAS

Amendments to the Undergraduate Catalogue.

3049
~~File~~
~~Catalogue~~

THE UNIVERSITY OF TEXAS AT DALLASGOALS

The University is a community of scholars engaged in the tasks of educating men and women in the forms of knowledge which compose our understanding of the world around us. The faculty of the University, by their research, contribute to the increase of knowledge so that they may bring their students to the frontiers of learning. Students at the University, by their academic efforts, become involved in the intellectual endeavor of acquiring the knowledge and understanding characteristic of educated persons, and thus fit themselves for responsible citizenship and career success.

It is in the attempt to achieve these ideals that the University of Texas at Dallas can best contribute to the intellectual and cultural development of the Greater Dallas Community of which it is proud to be a part.

ORGANIZATION

The University of Texas at Dallas includes six Schools: Arts and Humanities, General Studies, Human Development, Management and Administration, Natural Sciences and Mathematics, and Social Sciences, each headed by a Dean. Most of the Schools are in turn composed of teaching and research Programs which provide the disciplinary foundation of the University. In addition to the usual disciplinary approaches, the University has a strong commitment to the interdisciplinary study. Such interdisciplinary programs and activities exist at both the graduate and the undergraduate level. All faculty members teach in both graduate and undergraduate areas, so that the caliber of their instruction is informed by critical examination of the most recent developments in their fields.

The Colleges at the University of Texas at Dallas are a response to one of the University's major goals, that of providing undergraduate students with a personalized setting in which they may pursue their academic careers. Each College offers an intellectual and social "home" for undergraduates within the larger University. The College attempts to foster a broad conception of education. To this end it encourages the exchange of ideas among all members of the College. Students have much to learn from one another. Students also have much to learn from their professors outside of class -- information about future careers, for instance, or graduate study. The College, with the aid of the Student Development Specialist, the Student Council, and interested students themselves, plans and organizes co- and extra-curricular programs and activities, which include: academic advising, personal and career counseling, the Common Room, athletic activities, lectures, films, and discussions.

[INTRODUCING UT DALLAS]

~~[Where did we come from?~~

~~Back in 1968 Time magazine showed a photograph of a solitary building and a high television tower rising up in the middle of a plowed field of black farmland. "Cultivating Ph.D.'s in a Texas Cottonfield," the headline below the photograph read.~~

~~It told of the Southwest Center for Advanced Studies (SCAS), the private research and education institution that was the predecessor to The University of Texas at Dallas. The article explained how a group of area businessmen had begun the Center to try to stem the migration of the best potential scientists, engineers, and technicians from their native Texas plains to "academic pastures outside the area," and told of their concern to provide the manpower and womanpower on which the continued industrial, economic and cultural development of the Southwest depends.~~

~~The list of accomplishments of the faculty and research staff of SCAS during the decade of the 60's was impressive and continues today in the growing, expanding, exciting university that is UT Dallas.~~

~~Where are we going?~~

~~The Texas Legislature created UT Dallas in 1969. It asked us not only to carry on the research and graduate education activities of SCAS, but also to develop an upper-level undergraduate (junior and senior years) university. If you visited the campus now, you would see the same field of black farmland, but this time the lone building and the television tower would be surrounded by other buildings. You would also sense an air of excitement at UT Dallas. This feeling, this air of excitement—the sense of important things happening—may reach you through this booklet.~~

~~UT Dallas has created a university for people of all ages. It offers an intellectual community in which students of various ages and backgrounds can learn from one another as well as from their teachers. We have built and will continue to build a university which integrates academic theory with the real world.~~

~~We have personalized the educational process. We believe that education goes on in places other than the classroom. It can happen when two students meet over coffee, when a faculty member takes time to sit down and discuss something with a student, or at one of the cultural events the University brings to the campus.~~

~~Where are we getting there?~~

~~Many things make UT Dallas unique, but two in particular are important: College and the Interdisciplinary activities, which include College seminars, courses, and degree programs.]~~

~~[When you enroll at the University you will become a member of a College. Many of the Colleges will be organized around related disciplines; others will perform special service functions, such as the college designed to assist the older student in the university. The College will be your intellectual and social home on campus.]~~

~~Your College will be staffed by a Master and a team of Faculty Associates. They will be concerned with your total development, not just your academic achievement record. Within your College you will find counseling, career advisement, intramural athletic programs and a host of extracurricular and social activities that are part of anyone's college experience.~~

~~In your College you will also meet a number of External Associates, men and women from the Dallas-Fort Worth area who have a strong interest in the interdisciplinary aspect of the college. There will be business men and women, persons actively engaged in the arts, government officials, lawyers—a broad spectrum of the local community. They are the ones who can provide you with the added dimension of reality about a particular specialization that you might not receive in a classroom or from a textbook.~~

~~Life is not divided neatly into separate compartments; nor should the knowledge about life that you receive in your college career be divided. If you are to become adept at thinking critically and creatively about the problems and decisions you will have to make in your chosen career as well as in your own personal life, you must be able to look at the problem from as many perspectives as possible.~~

~~To help you gain the necessary perspective on your own work and to allow you a free and wide interchange of ideas with individuals in other fields, we have planned the College Interdisciplinary Seminar. The seminars should be one of the most exciting aspects of your undergraduate studies at UT-Dallas. They will throw you into discussions with physicists, artists, anthropologists, philosophers—a wide range of the university community. These people are representative of the individuals you will be dealing with when you leave UT-Dallas to unlock your own doors or to find new ones in the world of work and ideas.~~

~~What about you?~~

~~Does this sound like the kind of educational experience you would like to share? If it does, the rest of the catalog will provide you with much of the information you need in order to make a decision; namely, general policies and procedures as well as descriptions of the different program areas we are planning. Come join us in growing and strengthening ourselves and our community.~~

~~NEED MORE INFORMATION?
CHECK THE FOLLOWING:]~~

[How do I apply for admission?]	13
What are the registration procedures?	13-22
How much does it cost? See Expenses	16
How does UT Dallas grade?	22
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Where do I write for more information? Inside Front Cover]	

ADMISSION TO UNDERGRADUATE PROGRAMS

1. Amend "ADMISSION BY EXAMINATION" as follows:

Credit by Examination: Credit for admission may be established by participating in testing programs such as the Advanced Placement Program and the College Level Examination Program. Guidelines for Credit by Examination are available from the Office of Admissions and Registrar.

[ADMISSION BY EXAMINATION

~~The University of Texas at Dallas recognizes the wide variety of college level learning acquired by students. Enrollments in the Secondary School Advanced Placement Program and the variety of non-traditional learning experiences may or may not have resulted in college level credit recognition for the students. Therefore, students seeking admission may seek credit for admission or upper level credit recognition through the various testing programs such as APP and GLEP. Any student establishing a score on all sections of the College Level Examination Program (CLEP) general examination in the 75th percentile is eligible to be considered for admission to Junior standing at UT Dallas. Guidelines for credit by examination may be obtained from the Office of Admissions and Registrar.]~~

2. Amend "INDIVIDUAL APPROVAL ADMISSION" as follows:

The University will review unique combinations of training and experience as possibly satisfying part of the admission requirements, with the intent of assisting the older student who wishes to complete a baccalaureate degree. Many combinations may be presented for review, such as formal training taken through college courses, schools, industry, military, etc., as well as test results, life experiences, and any other relevant background the applicant would like to submit for consideration. The student applying for admission under the individual approval program must submit the application and supportive materials not less than three months in advance of the expected date of enrollment. These materials will be forwarded to the appropriate program director who, in consultation with the Assistant to the Vice President for Academic Affairs [~~Executive Dean for Undergraduate Studies~~], will decide upon the amount of credit to be awarded. The application form and portfolio instructions are available at the Office of Admissions.

3. Amend the paragraph Special (Non-Degree) Students as follows:

A Special Student is an undergraduate who does not intend to seek a degree and does not enroll for more than six credit hours in one semester. [The intent of special student status is to give the qualified person with an equivalent of 54 semester hours or more of college work an opportunity for part-time enrollment (usually not to exceed six hours per semester) in courses that can be of special benefit to the student. Persons who have special interest in a course but who have no intent to earn a degree at UT Dallas may be granted enrollment approval by the Director of Admissions.] Not more than fifteen hours of such course work credit may be transferred to any degree program at UTD; acceptance of any of these hours is at the discretion of the Dean of the School into which the student wishes to be accepted. [The total number of credit hours which may be taken by a Special Student in any given University program may be limited according to the policy of each program.]

A Special Student whose work is unsatisfactory may be refused permission to enroll in specific courses, at the discretion of a Dean.

Students pursuing undergraduate degrees at colleges and universities other than the University of Texas at Dallas but who desire to transfer credit hours taken at UT-Dallas to the degree-granting institution should apply for admission as Special Students. While UT-Dallas credits are generally transferrable to other institutions, the student is urged to seek prior approval of course work to be completed at the University from the institution to which it is to be transferred. [The-enrollment-plan-is-also-designed-to-assist-students-enrolled-in-other-colleges-who-would-like-to-take courses-at-UT-Dallas-for-the-purpose-of-transferring-credit-to-the-college where-the-degree-will-be-earned.] Students seeking admission as Special Students must be certified as in good standing by the institution last attended and must have completed a minimum of 54 semester hours (or the equivalent) of college level work.

4. Add the following paragraph after the paragraph Special (Non-Degree Students):

Conditionally Admitted Students

Students who are interested in being admitted to a UT-Dallas degree program, but who for various reasons do not fully meet the requirements for admission at the time of first registration, may be admitted conditionally. The Program will advise and will register such students and at the same time identify the conditions of enrollment and also the requirements for admission to a regular degree program. The Program will determine how long the student may remain in conditional status. Normally, this will not exceed one academic year.

5. Amend the first sentence of the paragraph Application as follows:

Each applicant must submit a formal application for admission and official transcripts of all academic work since high school. [~~and, in these instances where such is required, test scores on the Scholastic Aptitude Test (SAT) or the American College Test (ACT).~~]

6. Amend the first paragraph of Transcripts as follows:

The term "transcript [~~of records~~]" refers to the recorded results of the student's academic work. This statement will contain all the important facts pertaining to the student's academic level, scholarship, and degrees. Official transcripts from each college or university attended are required. Unofficial transcripts, grade reports, or copies of transcripts of one university issued by another university will not be accepted. [~~Copies of transcripts from other universities will not be issued.~~] All materials submitted in the process of making application become the property of the University and will not be returned to the applicant.*

7. Amend Medical History as follows:

[Medical History

~~Each new student is required to complete the medical history form and undergo a physical examination by a licensed physician. (for complete information, see page 33.)~~

8. Amend the last sentence of the paragraph Transfer and Evaluation of Upper Level Credits as follows:

Regardless of the number of upper level hours which a student transfers to the University, he will be required to take a minimum of thirty (30) semester hours in residence before qualifying for a degree. In addition, a minimum of twenty-four of the last thirty hours taken toward the degree must be in residence. Any exception to these minima will be at the discretion of the Assistant to the Vice President for Academic Affairs and must be consonant with the regulations set forth by the Coordinating Board, Texas College and University System. [All-students, regardless of the number of hours available for transfer, will be required to take a minimum of 30 semester hours in the degree plan of study in residence at UT-Dallas.]

9. Amend the paragraph Correspondence Courses as follows:

[As-a-general-rule,] Not more than six semester hours of correspondence credit may be applied toward upper-division requirements. Such credit shall have been upper-division credit earned through an accredited institution. The University does not offer correspondence courses.

EXPENSES

1. Under OTHER CHARGES add the follows:

*Late Registration Fee

For late registration there shall be a compulsory fee of \$5.00. This fee is not refundable.

2. Amend the paragraph Transcript Fee as follows:

The fee for each official transcript is \$2.00 [~~\$1.00~~]* No partial or incomplete transcript will be issued. [~~nor will copies of documents from other universities.~~] Where copies of transcripts from other institutions on file in the Registrar's Office are requested, the fee for each institutional copy will be \$2.00. The transcript copy will carry the certification, "Copy on file in the UT-Dallas Registrar's Office."

3. After OTHER CHARGES add a major heading REGISTRATION.

*This fee change is being considered by the Board of Regents as an agenda item. The fee structure will be conformed to comport with the action of the Board of Regents.

REGISTRATION

1. Amend "Student Semester Hour Load" as follows:

There is no general minimum course load; however, to be considered full-time, an undergraduate student shall be enrolled in at least twelve (12) semester hours during each long term (Fall and Spring semesters.) The average full-time course load is fifteen (15[-18])[~~to-eighteen~~] hours. Students with a grade point average at the University of 3.0 or above may register for a maximum of eighteen [~~twenty-one~~] (18 [~~21~~]) credit hours with the permission of the Master of their College.

The maximum course load for a Summer Session is normally not more than eight (8) semester hours for each six-week session or twelve (12[~~14~~]) [~~fourteen~~] semester hours for the twelve-week session. Special arrangements may be made for a student enrolled in the twelve-week Summer Session to take up to sixteen (16) semester hours, if the student needs not more than sixteen (16) hours to graduate at the end of the Summer Session(s).

2. Amend the first sentence of the paragraph Pass-Fail Program as follows:

Students may take some courses outside their major and related concentration [~~area~~] on a pass-fail basis.

3. Amend "Schedule Changes" as follows:

A student may drop or add a course by applying to the Registrar. A student may drop a course before mid-semester with a grade of W after consulting with and receiving the signed approval of the Academic Advisor. After mid-semester the student becomes responsible for the course and may drop the course with a grade of W, if passing, or F, if failing. This will require the signatures of the instructor and the Dean of the School. No student shall receive a grade of W unless dropping in the prescribed manner. Courses may be dropped up to and including the last day of classes in the semester. Only students who have officially dropped a course by this date may receive a grade of W. Students who cease to attend class without officially dropping in the prescribed manner will [~~may~~] receive a grade of F.

With appropriate changes in deadlines, these requirements also apply to the Summer Sessions.

The Registrar may require a student to drop a course at any time upon the recommendation of the instructor.

Students are reminded that, should they desire to drop all courses in a given semester, such action constitutes [~~results-in~~] withdrawal from the University.

SCHOLASTIC PROGRESS

1. Amend item 2. as follows:

[2.] Some courses, so designated in the Catalog, may be repeated for credit.

A student may repeat once any course originally taken at the University; however, students completing up to thirty (30) semester hours at the University shall be allowed to repeat for credit a maximum of two courses, and students completing more than thirty (30) hours at the University shall be allowed to repeat for credit a maximum of three courses.

The initial grade received in a course will remain on the student's permanent record and will be used in computing the grade point average. The designation (Rpt) beside the course will indicate that the course has been repeated.

The second grade received in the course will also be used in computing the grade point average.

When a course is repeated, the student is responsible for completing a Repeated Course Adjustment Form in the Registrar's Office to initiate the change on the student's permanent record.

A student may audit a course which has previously been taken for credit with the permission of the instructor. [~~A student may repeat a course for a grade only if a grade lower than C has been earned. The new grade will be used in computing the GPA.~~]

2. Amend "Dean's Honor List" as follows:

At the end of the fall and spring [each] semesters an honors list will be published commending those students whose grades place them in the top 10% of the student body. The group will be comprised of students who are enrolled for a minimum of twelve semester hours and who receive point producing grades for at least twelve (12) hours.

3. Amend "Graduation with Honors" as follows:

Summa cum laude:

- a. An overall GPA of 3.9 [3.8] with a GPA of 3.9 [3.8] in the 36-hour concentration in the major and related fields.
- b. At least two [four] A's in courses taken in areas outside the major and related fields of study.
- c. The completion of a senior honors thesis or project [examination] in the major field with an evaluation of summa.

Magna cum laude:

- a. An overall GPA of 3.75 [~~3.8~~] in the 36-hour concentration in the major and related fields.
- b. At least two A's in courses taken in areas outside the major and related fields of study.
- c. The completion of a senior honors thesis or project [~~examination~~] in the major field with an evaluation of magna.

Cum laude:

- a. An overall GPA of 3.2 [~~3.0~~] with a GPA of 3.6 [~~3.5~~] in the 36-hour concentration in the major and related fields.
 - b. At least one A in a course taken in an area outside the major and related fields of study. [~~If the student has a GPA in the major field between 3.0 and 3.4, the student may be eligible for cum laude honors if an evaluation of at least cum is received on the appropriate senior honors exam set by the degree program.~~]
4. Amend the first sentence under "Terms of Scholastic Probation" as follows:
- A student who is on scholastic probation may not register for more than twelve (12) [~~fourteen (14)~~] semester hours.
5. Amend item 4. under Students Dropped for Failure to Meet the Terms of Probation as follows:
- A student who is dropped more than once will remain suspended for a minimum of twelve (12) months and may be readmitted only by permission of the Assistant to the Vice President for Academic Affairs [~~Executive Dean of Undergraduate Studies~~].
6. Amend the first sentence of Students Dropped for Grade Point Deficiency as follows:

At any time a student's grade point deficiency amounts to thirty (30) or more, he or she will be dropped from the University for an indefinite period of time and will be readmitted only by special permission from the Assistant to the Vice President for Academic Affairs [~~Executive Dean of Undergraduate Studies~~].

DEGREE PLANNING

1. Amend item 2. under General Information as follows:

Each candidate for a degree must complete a residence:* Thirty (30) semester hours of credit, twelve (12) hours of which must be advanced courses in the major subject. In addition, twenty-four (24) of the last thirty (30) hours taken toward the degree must be in residence.

2. Amend the last sentence of item 9. under General Information as follows:

These provisions, however, are subject to the restriction that all requirements for a degree must be completed within six (6) [ten-(10)] years from the date of the catalog chosen.

3. Amend the first sentence under Breadth Guidelines as follows:

In the process of fulfilling State and prerequisite requirements or in addition to that work [In-addition-to-and/or-within-the-institutional, state,-and-prerequisite-requirements], the transferring student shall have completed at least six (6) credit hours of course work by instruction or examination in each of the following three major areas, amounting to a combined total of at least 36 semester hours:

4. Add the following paragraphs after Senior Transfer Students:

The Double Major

Students may complete a double major by satisfying all requirements set by each Program. The student must, in all cases, complete an approved 36-hour major and related concentration for each major field. In addition, the student shall complete not fewer than twelve (12) semester hours in residence in each major field and not fewer than thirty (30) semester hours in residence at the University.

The Double Degree

A student may not concurrently receive two degrees (e.g., B.A., B.S.) from the University unless he has completed a minimum of thirty (30) semester hours in addition to the upper level requirements for the first degree. All of these hours must be taken in residence, and these hours must include at least three (3) semester hours in Interdisciplinary Studies which are in addition to the six (6) semester hours required for the first degree.

GRADUATE PROGRAMS

1. Amend GRADUATE PROGRAMS as follows:

Biology (M.S., Ph.D.)
 Chemistry (M.S.)
 Communication Disorders (M.S., Ph.D.)
 Environmental Sciences (M.S., Ph.D.)
 Geosciences (M.S., Ph.D.)
Human Development (M.S., M.A.T.)
 Humanities (M.A., M.A.T., Ph.D.)
 Interdisciplinary Studies (M.A.I.S.) [~~M.A.T., M.S.T.~~]
 International Management Studies (M.A., Ph.D.)
 Management and Administrative Sciences (M.S.),
 Management Science (Ph.D.)
 Mathematical Sciences (M.S., M.A.T., Ph.D.)
 Physics (M.S., Ph.D.)
 Political Economy (M.A., Ph.D.)
 Science Education (M.A.T.)
 Special Education (M.S.)

For additional information in planning your graduate career at UT-Dallas, please refer to The University of Texas at Dallas Graduate Catalog.

UNDERGRADUATE REGISTRATION FOR GRADUATE COURSES

Undergraduates within twelve (12) hours of graduation may take graduate courses in the 5000 series, up to and including a total of six (6) semester hours (the within-twelve-hour restriction is specified by the Coordinating Board). The credit earned in taking graduate courses may be counted as either graduate credit or undergraduate credit, but not both, and it must be declared at the time of registration which credit is desired. In all cases, the student must have the permission of the instructor to enroll for a graduate course.

CLASSICS

1. Amend "CLASSICS*" as follows:

CLASSICS[*]

~~*Degrees in Classics will not be awarded until 1977.~~

COMPARATIVE LITERATURE

Comparative Literature Courses

1. Amend "Comparative Literature Courses" as follows:

COMP LIT 4320 Studies in Romance (3 semester hours)

Consideration of narrative in the romance mode, e.g., epic, romance, fantasy, and science fiction

~~[COMP LIT 4321--Studies in the Epic--(3-semester-hours)~~

~~The epic as a literary form, with an analysis of individual works in relation to their societies; some consideration of the differences between the oral and the literary epic]~~

COMP LIT 3386 The American Experience in Literature (3 semester hours)

Comparative analysis of works by North and South American authors. This course will give students of English the opportunity to familiarize themselves with the new Latin American narrative tradition, and will enable students of Spanish to study Latin America Literature in a comparative context. Readings may be in either English or Spanish, depending on the proficiencies of individual students. Lectures and discussion will be in English with the possibility of a special section in Spanish if enrollment permits.

COMP LIT 4386 The Portrayal of Women in [19th-Century] Literature (3 semester hours)

A thematic course of wide implications which deals with the social history of a [the] period as reflected in the literature. The focus is on the position of women in the family and in society, and psychological as well as plays, European, English, American and other literatures.

~~[COMP LIT 3388--Women in Comedy--(3-semester-hours)~~

~~Comedy has long been noted for the sparkling women who hold the stage and their men by a combination of intelligence, wit, and courage.--This course will explore some of the noted women in works from Shakespeare to Shaw, and will help to provide a history of comedy from the Renaissance to the Modern Period.--Male attitudes toward women will be examined, in addition to the particular nature of the genre itself]~~

COMP LIT 4360 The Modern Period (3 semester hours)

An introduction to the poetry, fiction, intellectual prose and criticism of the period from 1890 to 1939.

COMP LIT 4361 Contemporary Literature (3 semester hours)

Major trends in contemporary international literature with particular emphasis on the last five years.

COMP LIT 4191-4991 Independent Study (1-9 semester hours)

ENGLISH LANGUAGE AND LITERATURE

1. Amend "ENGLISH LANGUAGE AND LITERATURE" as follows:

ENGLISH AND AMERICAN LANGUAGE AND LITERATURE

UPPER DIVISION CORE REQUIREMENTS

2. Amend "UPPER DIVISION CORE REQUIREMENTS" as follows:

The Development of English Literature OR
 The Development of American Literature
 Studies in Individual English Authors OR
 Studies in Individual American Authors
 Literary Analysis (COMP LIT 3303) OR
 Literary Criticism (COMP LIT 3301)
 The Heritage of Western Literature (COMP LIT 3302)
 Shakespeare

Important Note: Students may be excused from one or more of these core requirements if they have taken courses at other colleges or universities, either lower-level or upper-level, that substantially duplicate the content of the relevant courses at UTD, and if they obtain the written approval of their advisors. Reduction of required credit hours for the degree will be given only for upper-level transfer credits, and only in accordance with University regulations.

English and American Language and Literature Courses

3. Amend "English and American Language and Literature Courses" as follows:

ENG 3315 Shakespeare [~~+-The-Tragedies-and-Romances~~] (3 semester hours)

A study of various types of Shakespearean plays. Plays will change from semester to semester [~~A-general-study-of-Shakespeare's-tragedies-and-romances-with-attention-to-language,-thematic-concerns,-character-development,-and-aspects-of-Shakespearean-performance-in-the-Elizabethan-and-Modern-Theatres.--Fulfills-the-core-requirement~~]

[~~ENG-3316--Shakespeare:--The-Gomedies-and-Histories--(3-semester-hours)~~

~~A-general-study-of-Shakespeare's-comedies-and-histories-with-attention-to-language,-thematic-concerns,-character-development,-and-aspects-of-Shakespearean-performance-in-the-Elizabethan-and-Modern-Theatres.--Fulfills the-core-requirements]~~

[~~ENG-3350--The-Literature-and-Thought-of-the-European-Renaissance (3-semester-hours)~~]

[~~ENG-4360--The-Modern-Period--(3-semester-hours)~~

~~An-introduction-to-the-poetry,-fiction,-intellectual-prose-and-criticism-of-the-period-from-1890-to-1939]~~

ENG 3375 Life and Literature of the American West [~~Southwest~~] (3 semester hours)

Verse, fiction, travels, and memoirs to acquaint students with the literature reflecting the social inheritance of the American West. [~~Texas and the neighboring territory~~]

ENG 4369 Special Topics in English Literature (3 semester hours)

FRENCH LANGUAGE AND LITERATURE

1. Amend "French Language and Literature" as follows:

French Language and Literature courses are designed for students who wish to acquire or to increase proficiency in the French Language, who wish to gain a familiarity with French literature, or who desire to obtain Teacher Certification* in French.

French Language and Literature will not be offered as a major to students entering in 1977-78; however, students majoring in another Language and Literature area or in other humanistic disciplines such as History or Philosophy may find some courses in French Language and Literature of particular interest to them.

~~[French has traditionally been the language of culture, of international diplomacy, and of love. Like the English and the Spanish, the French have been world colonizers leaving the unmistakable marks of their culture as well as of their language wherever the tricolor has flown. As an international tongue, French has become a passport into a wide variety of occupations; it is spoken as fluently in the world of fashion as in the world of finance. Your knowledge of French will include much more than the command of universally understood phrases; rather it will encompass the literature of many French-speaking countries. You may choose to study a certain period of history, a particular genre (the ballad, poem or essay, for example), or you may enjoy reading thoroughly the works of one French literary genius. No matter what path you explore, you will find that in reading it in French, you have tapped meanings and subtleties which will enrich your own thoughts and ideas.]~~

~~LOWER DIVISION PREREQUISITES~~

~~Four semesters or its equivalent of French Language and/or literature.~~

~~UPPER DIVISION CORE REQUIREMENTS~~

~~The Development of French Literature~~

~~Studies in Individual French Authors~~

~~Literary Criticism or Literary Analysis~~

~~The Heritage of Western Literature~~

~~THE OPTIONS~~

~~The student majoring in French Language and Literature may choose to specialize in one of several options. Specialization in an option requires 8 hours of advanced courses in French language and literature and related studies beyond the core requirements:~~

~~1. French Language and Literature: The study of the French language and literature from a disciplinary perspective.~~

~~2. Comparative Literature: The study of two or more literatures, with special emphasis on a single genre or period. The second literature must be studied in the original language. Four semesters or the equivalent are required.~~

~~3. History and Literature: An interdisciplinary study of the history and literature of a single country or area, or of a single cultural epoch.~~

Students seeking Teacher Certification in French should have completed, at the lower level, four semesters or the equivalent of French language and/or literature.

4. Literature and the Arts: An interdisciplinary study of the literature and arts (music, the visual arts, and theater) of a single country or area, or of a single cultural epoch, with special emphasis on aesthetics.]

2. Amend "French Language and Literature Courses" as follows:

French 3301 Intermediate [~~Beginning~~] French I (3 semester hours)
Prerequisite: French 3601 or two semesters of beginning French

~~[French-3320--French-Literature-of-the-17th-Century--(3-semester-hours)
 Readings-in-major-French-works-of-the-peirod]~~

~~[French-3321--French-Literature-of-the-19th-Century--(3-semester-hours)
 Readings-in-major-French-works-of-the-period-]~~

~~[French-3325--Studies-in-the-French-Novel--(3-semester-hours)
 Readings-in-representative-French-novels-from-Rabelais-to-Sartre]~~

~~[French-4198-4998---Independent-Study--(1-9-semester-hours,-may-be
 repeated-for-credit)]~~

~~[French-4199-4999-Senior-Research--(1-9-semester-hours,-may-be
 repeated-for-credit)]~~

GERMAN LANGUAGE AND LITERATURE

1. Amend "GERMAN LANGUAGE AND LITERATURE" as follows:

GERMAN LANGUAGE AND LITERATURE [*]

German Language and Literature courses are designed for students who wish to acquire or to increase proficiency in the German Language, who wish to gain a familiarity with German literature, or who desire to obtain Teacher Certification* in German.

German Language and Literature will not be offered as a major to students entering in 1977-78; however, students majoring in another Language and Literature area or in other humanistic disciplines such as History or Philosophy may find some courses in German Language and Literature of particular interest to them.

~~[Christmas trees and kindergartens are but two of the German traditions and customs that have become so intermingled within our own that their origins have become obscured. To explore the richness of our German heritage required the most basic of tools—the language. It is only with a thorough knowledge of German that the variety and profusion of the country's thought and culture may be experienced. There are many areas of German endeavor to explore—music, art, philosophy—but it is through literature that we comprehend the concepts and images that are unique to the German people. Intimate contact with the originals of German masters can take many forms. We may explore a favorite author's works, a particularly intriguing period of time, or a single genre. In comparing these works with our own, we add perspective to life, and insight into the fullness of human experience.]~~

~~WER-DIVISION-PREREQUISITES-~~~~Four semesters or its equivalent of German language and/or literature.~~~~PER-DIVISION-CORE-REQUIREMENTS~~~~The Development of German Literature~~~~Literary Criticism or Literary Analysis~~~~The Heritage of Western Literature-~~~~Studies in Individual German Authors~~~~E-OPTIONS~~

~~The student majoring in German Language and Literature may choose to specialize in one of several options. Specialization in an option requires hours of advanced courses in German Language and Literature and related studies beyond the core requirements.~~

~~1. German Language and Literature: The study of the German Language and Literature from a disciplinary perspective.~~

~~2. History and Literature: An interdisciplinary study of the history and literature of a single country or area, or of a single cultural epoch.~~

~~3. Comparative Literature: The study of two or more literatures, with special emphasis on a single genre or period. The second literature must be in the original language. Four semesters or the equivalent are required.~~

~~4. Literature and the Arts: An interdisciplinary study of the~~

Students seeking Teacher Certification in German should have completed, at the senior level, four semesters or the equivalent of German language and/or literature.

degrees in German will not be awarded until 1977.]

~~literature-and-arts-(music,-the-visual-arts-and-theater)-of-a-single
country-or-area,-or-of-a-single-cultural-epoch,-with-a-special-empha-
sis-on-aesthetics.]~~

2. Amend "German Language and Literature Courses" as follows:

GER 3301 Intermediate [Beginning] German I (3 semester hours)

Prerequisite: 3601 or 6 hours elementary language study or the
equivalent.

HISTORY

THE OPTIONS

1. Amend "THE OPTIONS" as follows:

The student majoring in history may choose to specialize in one of several options. Specialization in an option requires twenty-four (24) hours of advanced courses in history and related studies beyond the core requirements. Twelve (12) of these hours must be in history courses. The student's option should be worked out carefully with his or her advisor.

1. History: The study of history as a discipline offering students an opportunity to concentrate in any one of a variety of areas or fields. Students should consult their academic advisors for a list of these areas and fields.
2. History and the Social Sciences: Interdisciplinary emphasis which embraces studies in history and in [studies-with] anthropology, economics, geography, political science, psychology, or sociology.
3. History and Philosophy of Science and [&] Technology: Interdisciplinary emphasis which embraces studies in history and in [with] philosophy and the social sciences.
4. History of ideas: The role of thought and culture in history.
5. History and Literature: Interdisciplinary emphasis which embraces studies in history and in [studies-with] English, French, German, Spanish, Classics, and other available literatures.
6. History and Fine Arts: Interdisciplinary emphasis which embraces studies in history and in the visual arts, theater, and music.

History Courses

2. Amend "Methodological and Comparative Courses" as follows:

~~[HIST-4313--The-Family-and-History--(3-semester-hours)]~~

HIST 4398 Senior Honors Seminar (3 semester hours)

2. Amend "European History" as follows:

HIST 3321 Europe in the Preindustrial Era [~~Political-and-Social-Development in-Europe-during-the-Medieval-and-Early-Modern-Periods~~] (3 semester hours)

An analytical introduction--through lectures, readings, and discussions --to the general themes and issues in late medieval and early modern European history (to about 1750); emphasis on new methods and approaches, especially recent attempts to refine class analysis and to study both common people and elites [Surveys-major-themes-in-the-political-and-social-life-of Europe-in-comparative-perspective.--The-emphasis-will-be-on-the-period-from the-eleventh-century-to-the-early-eighteenth-century.--(Recommended-for--students-with-no-previous-courses-in-European-history-or-Western-Civilization)]

HIST 3322 The Age of Revolutions and Industrialization in Europe [Political and Social Development in Europe during the Modern and Contemporary Periods] (3 semester hours)

A study of the social, economic, and political history of Europe from 1750 to World War I; special emphasis will be placed on an analysis of the industrial and French revolutions and their continued effects on nineteenth-century Europe [Surveys major themes in the political and social life of Europe in comparative perspective. The emphasis will be on the period from the early eighteenth century to the immediate post-World War II era. (Recommended for students with no previous courses in European history or Western Civilization)]

HIST 3323 The Renaissance [Renaissance and Reformation Europe] (3 semester hours)

The Italian city of Florence is used as a case study, through which the cultural and intellectual movement known as the Renaissance may be placed squarely in its economic, political, and social context [Studies various aspects of these two processes which marked the end of many of the elements of life and thought which had characterized medieval civilization. At the instructor's discretion emphasis may shift as between the political, social, economic, and intellectual approaches to the course material]

HIST 3324 The Reformation Era (3 semester hours)

A comparative examination of the reformation movements of the sixteenth century against a backdrop of changing economic, political, and social conditions

HIST 3327 Revolts and Revolutions in Seventeenth-Century Europe (3 semester hours)

Various popular and aristocratic revolts in England, France, the Spanish Monarchy, and eastern Europe during the seventeenth century provide the focus for a comparative analysis of political and social structures from the mid-sixteenth century to the era of Louis XIV

HIST 3329 The Enlightenment and the Old Regimes in Europe (3 semester hours)

The social, political, and cultural context within which the "party of humanity" worked for reform of the old regimes in Europe; the political impact of the Enlightenment and the social limitations on reform

HIST 3330 The French Revolution (3 semester hours)

An extensive study of Europe's most important revolution; an attempt at an histoire totale examining all aspects of the revolution as well as the various historical approaches which allow us to understand it best

HIST 3331 An Introduction to European Social History (3 semester hours)

An introduction to the major problems studied, methods used, and findings reached by the "new" social historians of Europe. The principal focus of their work and of the course is on the preindustrial era

HIST 3332 The City in European History (3 semester hours)

The role of the city in European history from the eleventh into the nineteenth century; emphasis on urban planning, the premodern sense of community, social, and political structures, and changing cultural life

HIST 4320 Advanced Topics in Ancient History (3 semester hours)

HIST 4333 Advanced Topics in European Social History (3 semester hours)

HIST 4335 Advanced Topics in European Intellectual History (3 semester hours)

HIST 4337 Nationalism: Idea and Reality (3 semester hours)

A study of the development in Europe of the ideas of nationhood, nationality and citizenship, national independence, organicist interpretations of national society, and linguistic and cultural nationalism. Attention will be focused on nineteenth-century wars of national independence, the unification movements in Germany and Italy, conservative nationalism in the late nineteenth century, and the aggressive nationalist ideologies of the twentieth century

HIST 4338 Socialism and Capitalism: Idea and Reality (3 semester hours)

A survey of the basic philosophical and theoretical arguments used to justify both systems. Emphasis will be on examining the interrelationship of theory and practice in selected cases in European history since the mid-eighteenth century

HIST 4339 Hitler, Germany, and Europe (3 semester hours)

A shifting study of Adolf Hitler's personal development and career against the background of German history, 1889-1945. Emphasis in the first half of the course is on Germany's role in World War I, the Weimar Republic, and the rise to power of National Socialism in Germany. The second half of the course studies the Third Reich, World War II, and Hitler's concept of a New Order in Europe

Asian History

4. Amend "Asian History" as follows:

HIST 3349 The History of Islam to 1453 (3 semester hours)

A survey of the origins and rise of Islam in the Middle East and expansion into North Africa, Spain, India and Malaya, with some emphasis on cultural development

HIST 3350 The History of Islam, 1453 to the present (3 semester hours)

A survey of Islam from the conquest of Constantinople, with emphasis on the gradual decline of the Ottoman Empire, the partitioning of Islamic lands by Europe, and the emergence of nationalism in the twentieth century

American History

5. Amend "American History" as follows:

HIST 3365 Workshop in Dallas History (3 semester hours)

A project-oriented research course, combining methodological instruction with practical historical inquiry

HIST 3366 Race, Class, Sex and Social Change: Themes in the Social History of the United States (3 semester hours)

A one-semester course in American social history, exploring in chronological fashion changes in the family, work, sex roles, mobility, migration, urbanization, and industrialization. The focus will be on conceptualization and on sociological analysis

LANGUAGE AND LINGUISTICS

1. Amend "Linguistics Courses" as follows:

LING 3302 Linguistic Analysis [~~Introduction to Linguistics II~~] (3 semester hours)

A detailed study of problem-solving in the areas of phonology, syntax, and semantics. Historical and comparative analysis will be practiced, as well as internal analysis of modern languages. Prerequisite: LING 3301

2. Amend "Language/Cultural Courses for Business" as follows:

Arabic 3481 Arabic Language and Culture II (4 semester hours)

MUSIC

1. Amend "LOWER DIVISION PREREQUISITES" as follows:

LOWER DIVISION PREREQUISITES

Four semesters (12 - 16 hours or the equivalent) of freshman and sophomore theory (ear training, music theory, harmony, and keyboard harmony) are recommended. A minimum of two semesters are required.

One semester (2 or 3 semester hours or the equivalent) of music literature [~~or music appreciation~~].

Two semesters (preferably four semesters or the equivalent) of principal instrument (or voice) study.

If piano is not the principal instrument: Four semester hours (or the equivalent) in class or private piano instruction.

Four semesters (or the equivalent) of major ensemble (band, orchestra, chorus).

Diagnostic [Entrance] examinations may be given to students who have been admitted to aid in determining their proficiency in each of the above areas, in order that they may be provided with appropriate review courses, if necessary. [Students who do not meet music entrance requirements will be provided with appropriate review courses.]

2. Amend "UPPER DIVISION CORE REQUIREMENTS" as follows:

UPPER DIVISION CORE REQUIREMENTS (26 - 27 semester hours) [~~23 hours~~]
[~~(for Music Majors)~~]

History and Literature of Music [~~I and II~~] (6 semester hours)

(3 of these hours may be taken from the Ethnomusicology sequence.

For students intending to pursue graduate studies in Music, History and Literature of Music I and II will be required.)

Style Analysis I (3 semester hours)

Advanced Ear Training (3 semester hours)

Individual Instruction in Performance (4 semester hours)

[~~Large~~] Ensemble (refer to the various Ensemble courses available)

[~~University Chorus, University Orchestra, or University Wind Ensemble~~]
8 semester hours [~~4 hours~~]

One of the following: [~~Counterpoint-I~~]

Pedagogy (vocal, keyboard, or string) (3 semester hours)

Conducting (2 semester hours)

Orchestration (3 semester hours)

Counterpoint (3 semester hours)

Every music major will have to pass a piano proficiency examination given during the junior year. If he does not pass the examination, further study will be recommended. The examination will be repeated until the student satisfactorily meets this requirement.

3. Amend "THE OPTIONS" as follows:

THE OPTIONS

5. Music Education: This course of study is designed to meet requirements for the B.A. degree in Music and those of the Texas Education Agency [~~State-of-Texas~~] for a provisional All-Level Certificate in Music. In addition to the music core requirements this option requires the satisfactory completion of the prescribed courses in elementary and secondary music listed on page 61. Six semester hours in Curriculum and Instruction and six semester hours in student teaching [~~Twelve-semester-hours-of student-teaching~~] are also required to achieve this objective.

4. Amend "Materials and Theory of Music" as follows:

FOR MAJORS (and non-majors with permission)

MUSIC 4311 Orchestration II (3 semester hours)

Application of orchestration techniques to a specific style or genre (e.g., jazz, choral, chamber). [~~Advanced-scoring-and-score-reading-lecture-laboratory-instruction-in-applied-instrumental-techniques.~~]

MUSIC 3312-3313 [~~3210-3211~~] (3 [2] semester hours)

Introduction to the principles of musical composition. Written work modeled on analysis of representative styles and forms. Examination of representative scores, particularly those of the 20th Century.

MUSIC 4314-4315 [4210-4211] Composition III and IV (3 [2] semester hours)

Original work in traditional and non-traditional forms of musical composition. Preparation and presentation of a recital (or equivalent) of the students' original compositions.

5. Amend "History and Literature of Music" as follows:

For Non-Majors (and Majors with permission)

MUSIC 4344 [3324] Ethnomusicology II: Music and Society [~~The-Anthropology-of-Music~~] (3 semester hours)

The study of the role of music in the context of the larger society in both western and non-western traditions. Field research in the Dallas community will be encouraged. Same as ANTHRO 4312.

~~[MUSIC-3325--Folk-Music-of-the-Western-World--(3-semester-hours)~~

~~A study of the folk music styles of selected areas of the Western world. Particular attention will be paid to the social, political and psychological foundations of such music.--(3-0)]~~

MUSIC 4345 Special Topics in Ethnomusicology (3 semester hours)

Courses in selected topics to be announced by the instructor. Same as ANTHRO 4392.

MUSIC 4322 Literature and Music (3 semester hours)

(Same as COMP LIT 4322)

MUSIC 4350 Special Topics in Music and Drama (3 semester hours)

The study of the evolving relationship between music and drama as expressed by different cultures at different times in history. Such as religious drama, opera, musical comedy, and Kabuki. Since different aspects will be studied each time this course is given it may be repeated for credit. Same as THEATRE 3303.

6. Amend "Special Studies" as follows:

MUSIC 4198 Independent Studies (1 - 9 semester hours, may be repeated for credit.)

7. Amend "Performance Courses" as follows:

For Majors and Non-Majors

Course Description

MUSIC 3224 Voice & Diction (2 semester hours)

A studio course for singers, concentrating on the specific vocal solutions to problems brought about by the different languages in the vocal literature.

MUSIC 3225 Vocal Pedagogy (2 semester hours)

Techniques, methods, and materials for teaching voice at all levels.

MUSIC 3227 Keyboard Pedagogy (2 semester hours)

Techniques, methods and materials for keyboard instruction at all levels.

MUSIC 3228 String Pedagogy (2 semester hours)

Techniques, methods, and materials for string instruction at all levels.

8. Amend "Ensemble" as follows:

Ensemble

For Majors and Non-Majors

Course Description

MUSIC 3260, 3261, 4260, 4261 [3160, 3161, 4160, 4161] University Chorus V, VI, VII, VIII (2 [±] semester hours)

MUSIC 3262, 3263, 4262, 4263 [~~3162, 3163, 4162, 4163~~] University Orchestra
V, VI, VII, VIII (2 [±] semester hours)

MUSIC 3264, 3265, 4264, 4265 [~~3164, 3165, 4164, 4165~~] University Wind
Ensemble V, VI, VII, VIII (2 [±] semester hours)

MUSIC 3266, 3267, 4266, 4267 [~~3166, 3167, 4166, 4167~~] Studio Band V, VI,
VII, VIII (2 [±] semester hours)

MUSIC 3268, 3269, 4268, 4269 [~~3168, 3169, 4168, 4169~~] Chamber Ensemble
V, VI, VII, VIII (2 [±] semester hours)

MUSIC 3270, 3271, 4270, 4271 [~~3170, 3171, 4170, 4171~~] Collegium Musicum
V, VI, VII, VIII (2 [±] semester hours)

9. Amend "Music Education" as follows:

MUSIC 3383 [~~3283~~] Secondary School Music: The Large Instrumental Ensemble
(3[2] semester hours)

Techniques and materials for organizing and developing the band and
orchestra in the secondary school.

MUSIC 3384 [~~3284~~] Secondary School Music: The Choral Ensemble (3 [2]
semester hours)

Techniques and materials for organizing and developing the choral
ensemble in the secondary school.

[MUSIC-4380--Curriculum-and-Instruction-in-Elementary-School-Music
(3-semester-hours)

Same-as-ED-4380:--Methods-and-materials-for-elementary-school-music
programs:--Laboratory-experience-in-teaching-songs,-rhythms,-music
listening,-and-sight-reading:--Study-of-curriculum-guides-and
materials:--(3-0)]

[MUSIC-4381--Curriculum-and-Instruction-in-Secondary-School-Music
(3-semester-hours)

Same-as-ED-4381:--Techniques-and-materials-for-the-general-music-pro-
gram-in-the-secondary-school:--Methods-for-teaching-music-as-one-of-the
humanities:--(3-0)]

PHILOSOPHY

UPPER DIVISION REQUIREMENTS

1. Amend "Philosophy Program Options, IV. Philosophy, Science, and Technology" as follows:
 - VI. This option is for students interested in the history and philosophy of science and technology, or the history of ideas and who wish to major in philosophy. It provides solid philosophical grounding and allows for extensive work in the related fields. For course details, see the course listings both under Philosophy (below) and the History and Philosophy of Science and Technology in the catalog. Of the 21 hours in Philosophy and related areas, a student electing this option may take up to 9 hours in related fields.

Philosophy Courses

2. Amend "Special Courses" as follows:

PHIL 4370 Special Topics in Philosophy (3 semester hours)

PHIL 4375 Independent Studies in Philosophy (3 semester hours)

SPANISH LANGUAGE AND LITERATURE

- 1. Amend "THE OPTIONS" as follows:

THE OPTIONS

The student majoring in Spanish Language and Literature may choose to specialize in one of several options. Specialization in an option requires 24 [~~18~~] hours of advanced courses in Spanish Language and Literature and related studies beyond the core requirements.

- 2. Amend "Spanish Language and Literature Courses" as follows:

SPAN 3301 Intermediate [~~Beginning~~] Spanish I (3 semester hours)
Prerequisite: 3601 or 6 hours elementary language study or equivalent.

SPAN 4390 Special Topics in Spanish Literature (3 semester hours)

THEATRE

LOWER DIVISION PREREQUISITES

1. Amend "LOWER DIVISION PREREQUISITES" as follows:

Two theatre courses or production experience [None]

UPPER DIVISION CORE REQUIREMENTS

2. Amend "UPPER DIVISION CORE REQUIREMENTS" as follows:

UPPER DIVISION CORE REQUIREMENTS (21 [+8] semester hours)

History of the Theatre I and II	6 semester hours
One acting course	3 semester hours
One stagecraft course	3 semester hours
Two courses in dramatic literature	6 semester hours
<u>Theatre workshop (1 semester hour in each of 3 semesters)</u>	<u>3 semester hours</u>

THE OPTIONS

3. Amend "THE OPTIONS" as follows:

SCOPE OF PROGRAM [THE-OPTIONS]

The student majoring in Theatre must specialize in the discipline by taking 15 hours of advanced courses in Theatre and related studies beyond the core requirements. This specialization will combine substantial background in dramatic literature, classroom and directed study of the performing arts, and presentation of various artistic endeavors in public performance.

~~[The student majoring in Theatre may choose to specialize in one of two options. Specialization in an option requires 20 hours of advanced courses in Theatre and related studies beyond the core requirements.~~

- ~~1. Theatre: The study of theatre from a disciplinary perspective. Combines substantial background in dramatic literature, classroom and directed study of the performing arts, and presentation of various artistic endeavors in public performance.~~
- ~~2. Arts Criticism: Study of the theatre combined with studies in critical writing and apprenticeship with a newspaper, magazine, or other media.]~~

Theatre Courses

4. Amend "Theatre Courses" as follows:

3303 Music and Drama [History of Lyric Theater] (3 semester hours)

A study of the evolving relationships between music and drama and the aesthetics of music in the theatre, as expressed by different cultures at different times in history -- religious drama, opera, operetta, musical comedy, Kabuki, Noh, European music hall. Since different aspects will be studied each time the course is given, it may be repeated for credit.

(Same as MUSIC 4350) [A study of the evolution of opera, operetta, and the American musical;--An examination of the aesthetics of music in the theatre with some attention paid to such varied forms as the Noh theater of Japan, the classic Greek theater and the European music hall;--Material presented through a combination of lectures, demonstrations, recordings, and attendance at selected performances.]

3337 Advanced Costume Construction (3 semester hours)

The continuation of 3336, advanced techniques in all areas of costume construction, organization and management of the professional costume shop. Prerequisite: 3336 or consent of instructor.

3338 History of Costume (3 semester hours)

The development of fashion from the ancient Egyptians to the present, including footwear, accessories, hair styles, and make-up on all social classes. Attention may also be paid to developments in stage costuming through the ages, correct usage of period props, and movement in period dress.

4333 Theatrical Rendering (3 semester hours)

Practice in rendering set and costume designs for clarity, artistic quality, and marketability. Student will work in a variety of media.

4335 Fundamentals of Environmental Design (3 semester hours)

Analysis of case studies to identify relationship between people, and place; the role of scale, privacy, community, climate, etc.; synthesis through fundamental design exercises; aims to develop a design method from an understanding of relevant needs, activities, and resources which affect the shaping of spaces. (Same as VART 3371)

3256 - 3257 Class Instruction in Voice I and II (2 semester hours)

Same as MUSIC 3256 - 3257

For beginning singers.

See also MUSIC 3256 - 3257

[4353--Non-Western Dramatic Forms--(3-semester-hours)

Special topics in areas such as Japanese Noh, Kabuki, and Bunraku, Chinese Peking opera, African drama.]

[3369--Theater Production in Secondary Schools--(3-semester-hours)

(Same as Education 3369, Curriculum and Instruction in Theater Arts)

The course covers information and skills needed by the secondary school instructor faced with all aspects of producing the high school play. Consideration will be given to problems of teaching theater arts in the classroom and through practical production involvement.]

4360 Creative Dramatics (3 semester hours)

Development of materials for work with children in areas of narrative pantomime, creative pantomime, sensory awareness, improvisation, and arts appreciation. A lab session will be scheduled for required work with children from ages 5 to 12.

~~[3372--Fundamentals-of-Motion-Picture-Production--(3-semester-hours)~~

~~Theory-and-practice-of-basic-techniques-in-motion-picture-production, including-composition,-lighting,-camera-movements,-animation,-and-editing of-silent-film,-A-lab-fee-may-be-required,-See-also-VART-3374.]~~

~~[3373--Advanced-Motion-Picture-Production--(3-semester-hours)~~

~~Theory-and-practice-in-techniques-of-sound-film-production. A-lab-fee-may-be-required.]~~

3199 - 3999 Independent Studies (1 to 9 semester hours)

Individually guided work on a research project. Consent of instructor required.

VISUAL ARTS

LOWER DIVISION PREREQUISITES

1. Amend "LOWER DIVISION PREREQUISITES" as follows:

Admission RequirementsOption A: Art History, Interpretation and Criticism

Students must have 6 semester hours of art history or art appreciation and 3 semester hours of design or studio art.

Option B: Studio Art and Design

Students must have a total of 15 semester hours comprised of art studio, design, art appreciation, or art history courses.

~~[Prerequisites for admission to the Visual Arts program are 24 semester hours of freshman/sophomore art core courses. If you have at least 15 hours but less than 24, you may be admitted on condition that you remove the deficiencies as evaluated by the Visual Arts Portfolio Evaluation Committee. The 24 semester hours may be selected from the following lower division art core courses: Drawing I, II, III, IV; Design I, II, III, IV; Art History Survey I, II; Art Appreciation; Painting I, II; Sculpture I, II; Ceramics I, II; Printmaking I, II; Photography I, II; Advertising Art I, II; Interior Design I, II; Art Metals I, II; Handweaving I, II.]~~

~~Prior to acceptance in the Studio Arts or Design options, the student must present an appropriate portfolio of work to the Visual Arts Portfolio Evaluation Committee. Approval for entering the Visual Arts program to follow the Studio Arts or Design options is at the discretion of this committee. (See portfolio content description.) The letter grade C will be the minimum prerequisite grade for continuing studio courses in sequence.~~

~~Not more than 15 semester credit hours in upper level art courses may be transferred or, not more than one half of the art credits required in the degree program being pursued by the student at UTD, the courses may be counted as electives in the UTD degree curriculum. If the number of such courses exceeds the electives permitted in the student's degree program, credit for such courses will be recorded on the student's transcript but will not replace courses within the minimum hours required for the degree being pursued.~~

~~The School of Arts and Humanities reserves the right to hold for exhibition and art collection purposes examples of student work executed in Visual Art classes. Senior art majors, prior to graduation, must present an exhibition of their work demonstrating their achievement level.]~~

Studio Arts and Design Portfolios

- ~~I. A. You must submit a minimum of five (5) pieces of your work.
B. You must submit 6 to 12 drawings in a flat portfolio.~~

OR

- ~~II. A. If you submit fewer than 5 or no actual pieces of work, you must submit in plastic slide sheets between 12 and 20 slides and/or 12 to 20 8-by-10-inch or 4-by-5-inch photographs of your work. Please include several views of each three-dimensional piece. Each slide or photograph must be labeled clearly with the following data: Your name, size, title, medium, date, and top.
B. You must submit a representative selection of 6 to 12 drawings in a flat portfolio.]~~

UPPER DIVISION CORE REQUIREMENTS

2. Amend "UPPER DIVISION CORE REQUIREMENTS" as follows:

UPPER DIVISION [CORE] REQUIREMENTS

In addition to the University requirements of 6 hours of Interdisciplinary Studies, Visual Arts students in all option areas are required to take 12 semester hours of Visual Arts core courses and 24 hours of advanced work in option related areas. Students concentrating in option area A must include 6 hours of coursework from option area B. Students concentrating in option area B must include 6 hours of coursework from option area A.

CORE COURSES:

VART 3301 The Arts and Society
 VART 3302 Perception and Expression in Art and Design
 VART 3303 The Human Image [~~VART-3390--Studies-in-Individual-Artists~~]
 IS 4310 The Creative Process [~~VART-4302--Environments-and-Events~~]

THE OPTIONS

3. Amend "THE OPTIONS" as follows:

A. Art History, Interpretation and Criticism

The history and interpretation of works of art and their role in human experience

B. Studio Arts and Design

Studio Arts: Creation of original works in a variety of media.

Requirements: VART 3351, Two Dimensional Design
 VART 3361, Three Dimensional Design

Design: Understanding the process of generation of man-made forms in our physical environment. Work is directed toward development of design and communication skills.

Requirements: VART 3351, Two Dimensional Design
 VART 3361, Three Dimensional Design

The student majoring in Visual Arts may choose to specialize in one of several options;--Specialization in an option requires 24 hours of advanced courses in Visual Arts and related studies beyond the core requirements.

- 1.--History of Art:--The study of works of art and the role of art in human experience.
- 2.--Studio Art:--Creation of original works of art in a variety of media.
- 3.--Design:--Advertising, Visual, and Environmental;--The shaping of our visual and physical environment; art as architecture, urban design, graphic design, and the design of visual communication through film and other media.
- 4.--Arts Criticism:--The study of visual arts combined with studies in critical writing and apprenticeship with a newspaper, art journal, or other media.
- 5.--Teacher Certification Track in Visual Art:--Preparation for secondary teaching in art.

Visual Arts Courses

4. Amend "Core Courses" as follows:

The Visual Arts Core Courses are designed to introduce the student to various aspects of the study of art and are required of all Visual Arts students. In some cases a course may be waived if the student demonstrates sufficient knowledge of the material.

VART 3303 The Human Image (3 semester hours)

A consideration of the images with which man has expressed himself throughout the ages. We will study both forms and subjects, with special attention to uses of abstraction and realism, mythology and religion.

IS 4310 The Creative Process (3 semester hours)

Examination of the creative process in the aesthetic expressions of man. Information is directed toward expanding one's awareness of self and creativity.

[VART-4302--Environments and Events--(3-semester-hours)

An event or environment is qualified by the participation of the audience in the act of creation.--A new dialogue is established apart from the traditional dialogue between the viewer and the "art object."--That is to say that through a change in dealing with the accepted concept of the "art object"--(structure-art-and-passive-dialogue)--the dialogue is transformed to a constant "activated state."--The course exists and expands from two educational parallels.--The first point of reference is teaching the young artists to seek out their freedoms through direct communications media. The second mainstay of the course is to bring about or to encourage a freedom and/or awareness of materials available to them within the visual arts.]

Art History Courses

5. Amend "Art History Courses" as follows:

~~[VART 3304 Art and the Arts (3 semester hours)~~

~~A study of the Gesamtkunstwerk: The development in the nineteenth and twentieth centuries of the dream of the unity of the arts. (3-0)]~~

VART 3305 Introduction to Art History I (3 semester hours)

An introduction to the history of art from cave painting to the end of the medieval period.

VART 3306 Introduction to Art History II (3 semester hours)

An introduction to the major movements in art history from the Renaissance to the 20th century. Planned as a continuation of VART 3305, but not necessary to take both.

NOTE: VART 3305 and VART 3306 are designed and intended for students from major and option areas other than Art History.

VART 3307 Visual Perspectives (3 semester hours)

An introduction to the changing modes of Visual Perspectives. Students will read and discuss selected writings which illustrate a variety of approaches to art history.

~~[VART 3310 Greek Art and Archaeology (3 semester hours)~~

~~Study of the art of Crete, the Cyclades, and the Greek mainland from the Bronze age through the fifth century, B.C. (3-0)]~~

VART 3311 The Art of Greece and Rome (3 semester hours)

Consideration of ancient art, architecture and city planning. Emphasis will be on the change of styles as reflective of changing definitions of man, with special attention to the development and use of the classical style. A continuing topic will be the function of art in each society.

VART 3326 Art in Non-Western Cultures: Selected Areas (3 semester hours)

A survey of Visual Arts of selected regions, specific regional focus to be announced each semester. May be repeated for credit. (Same as Anthropology 3352.)

~~[VART 3335 Modern Painting, Sculpture and Architecture (3 semester hours)~~

~~A study of twentieth-century trends and movements in European and American art and architectures. (3-0)]~~

VART 3342 Native American Art (3 semester hours)

An introduction to Eskimo and American Indian Art, pre-Columbian to contemporary. (Same as Anthropology 3352)

VART 4305 Definitions of Contemporary Art (3 semester hours)

Examination of the changing definitions of art in contemporary context.

VART 3396 Arts Criticism I: Writing Workshop (3 semester hours)

A workshop in the writing of arts criticism. Sections limited to 20. (Same as English 3396)

VART 4394 Arts Criticism II: Writing Workshop (3 semester hours)
Advanced workshop and internship in arts criticism.
Prerequisite VART 3396 or the permission of the instructor. Sections
limited to 20. (Same as English 4396)

~~[VART-4311--Hellenistic-and-Roman-Art--(3-semester-hours)
 Study-of-architecture,-sculpture,-and-painting-from-the-time-of
 Alexander-the-Great-through-the-period-of-Constantine.--(3-0)]~~

VART 4320 The Art of the Baroque (3 semester hours)
Consideration of the art and architecture of the 17th and 18th
centuries in Europe. Emphasis is on the social, economic and religious
bases of the Baroque style and on the impact of certain artistic
personalities.

~~[VART-4327--Studies-in-Primitive-Art--(3-semester-hours)
 Arts-of-prehistoric-and-primitive-man-in-Europe,-the-pre-Columbian
 Americas,-Oceania,-and-Africa.--(3-0)]~~

VART 4377 Individually Directed Study (3 semester hours)
Open only to advanced students who wish to carry out a special
project or research under supervision. Admission requires prior
approval of the Visual Arts faculty member who will direct the work
and of the Visual Arts program director. May be repeated for credit.

VART 4390 Advanced Topics in Art History [Visual-Arts]
(3 semester hours)
Topics will vary from semester to semester, and the course may
be repeated for credit. Topics covered will include more intensive
examination of issues raised in the survey courses. [Topics-will
vary-from-year-to-year.--(3-0)]

Studio Arts Courses

6. Amend "Studio Arts Courses" as follows:

Studio Courses for Non-majors

VART 3312 Studio Experience in Drawing and Painting (3 semester hours)
VART 3313 Studio Experience in Design (3 semester hours)
VART 3314 Studio Experience in Sculpture (3 semester hours)
VART 3315 Studio Experience in Ceramics (3 semester hours)
VART 3316 Studio Experience in Photography (3 semester hours)
VART 3317 Studio Experience in Printmaking (3 semester hours)

These courses are designed to provide studio experience for students
from option areas other than studio art and design. They may be taken
for a Pass/Fail grade, may be repeated for credit, and are closed to
Visual Arts Majors with a studio/design option.

~~[VART-3351--Studies-in-Two-Dimensional-Design--(3-semester-hours)
 An-investigation-of-the-principles-of-art-structure,-form-and
 color-taught-through-a-series-of-experimental-exercises-in-two
 dimensions.--A-primary-objective-of-this-course-is-to-aid-the
 student-in-developing-a-personal,-visually-aesthetic-point-of-view
 by-carrying-an-idea-through-in-any-media-or-combination-of-medias
 that-is-most-suitable-to-the-idea.--(3-0)]~~

[VART-4351--Advanced-Two-Dimensional-Design-Workshop--(3-semester-hours)
 (formerly-VART-3375)--Prerequisite+--VART-3351-and-VART-3353
 The-use-of-images-and-sound-in-time-applying-design-principles
 to-expand-the-students'-organizational-abilities-and-perceptions-of
 their-immediate-environment.--(3-0)]

VART 3348 Introductory Jewelry Workshop (3 semester hours)
Techniques dealing with direct metal construction -- cutting,
shaping, and soldering techniques.

[VART-4355--Painting-Workshop-I--(3-semester-hours)
 Prerequisite:--VART-3353-or-permission-of-instructor
 A-course-designed-to-further-develop-the-student's-skills-in-basic
 principles,-techniques,-and-media-of-painting.--(3-0)]

[VART-4356--Painting-Workshop-II--(3-semester-hours)
 Prerequisite:--VART-4355
 The-course-emphasizes-the-further-exploration-of-painting-media
 and-the-development-of-the-individual-aesthetic-growth-of-the-student.
 (3-0)]

[VART-3361--Z.A.P.S./Z-Biometric-Pantologic-Sculptura--(3-semester-hours)
 This-course-is-directed-toward-helping-the-individual-both-use-and
 expand-upon-the-desire-to-understand-basic-concepts,-material-innovations,
 and-the-necessary-equipment-needed-to-produce-ideas-within-a-sculptural
 content.--The-establishment-of-a-foundation-to-provide-for-flexibility,
 breadth,-and-freedom,-to-pursue-the-sculptural-arts-is-the-determination
 of-the-course.--(3-0)]

[*VART-4365-Z.A.P.S.-II--(3-semester-hours)
 This-course-is-attuned-to-the-individual-who-wishes-to-develop-his
 or-her-own-set-of-concepts-and-mannerisms-in-dealing-with-either-actively
 temporal-or-actively-permeating-SCULPTURAL-interactions.--Prerequisite+
 6-hours-in-sculpture,-3-hours-of-sculpture-and-VART-3361-or-Three
 Dimensional-Design-equivalent,-or-permission-of-instructor.--(3-0)]

[*VART-4366--Z.A.P.S.-III--(3-semester-hours)
 Prerequisite+--VART-4365-or-permission-of-instructor
 Same-as-VART-4365-but-more-advanced.--Z=Zenith-distance.--Abiogenetic=
 the-production-of-living-things-from-inanimate-matter;-spontaneous
 generation.--Pantologic=asystematic-view-of-all-human-knowledge.
 Sculptura=sculpture.--(3-0)]

[*VART-4361--Luminetics--(3-semester-hours)
 Prerequisite+--Senior-standing-or-permission-of-instructor
 Study-of-light-systems-and-their-use-as-formal-media-of-expression.
 (3-0)]

[*VART-3340--Weaving-Workshop-I--(3-semester-hours)]

[*VART-3341--Weaving-Workshop-II--(3-semester-hours)]

[*VART-3374--Introductory-Cinematography--(3-semester-hours)

Prerequisite:--VART-3351

Introductory-motion-picture-production-including-camera-work,
lighting,-basic-editing-techniques-and-processes,-and-script-writing-
(3-0)]

[VART-4374--Photography-Workshop--(3-semester-hours)

Prerequisite:--Introductory-Photography-course

Emphasis-on-camera-and-darkroom-techniques-utilizing-advanced
design-concepts,--The-course-includes-visiting-artists-workshops,---(3-0)]

Design Courses

7. Amend "Design Courses" as follows:

VART 3361 Studies in Three-Dimensional Design Concepts (3 semester hours)

This course is directed toward helping the individual both use and expand upon the desire to understand basic concepts, material innovations, and the necessary equipment needed to produce ideas within a sculptural content.

*VART 4378 Advertising Design II (3 semester hours)

Prerequisite: Advertising Design I VART 3376

Advanced study of advertising art promotion and production. May be repeated.

IS 4311 Creativity and Consciousness (3 semester hours)

Prerequisite: IS 4310. Continuation of IS 4310, The Creative Process.

Discussion of human creative potential and development of an expanded sense of self and the constructed universe.

VART 3371 Environmental Design I [Fundamentals of Environmental Design] (3 semester hours)

Development of fundamental design processes based on an understanding of human needs and activities, space potentiality, and materials. [Analysis of case studies to identify relationship between people, purpose, and place; the role of scale, privacy, community, climate, etc.; synthesis through fundamental design exercises; aims to develop a design method from an understanding of relevant needs, activities, and resources which affect the shaping of spaces. --(3-0)]

VART 3375 Environmental Design II (3 semester hours)

Prerequisite: Environmental Design I VART 3371

Continuation of Environmental Design I. Increased complexity of projects, expansion of communication skills. May be repeated.

VART 3331 Visual Communications Skills (3 semester hours)

Accelerated training in basic techniques of visual communication.

*VART 3332 Design Application Opportunities (3 semester hours)

Analysis of orthodox and unorthodox alternatives for economic survival of the artist/designer.

*VART 4391 Professional Seminar/Workshop [Studio-Workshop-II] (3 semester hours)

Special topics, seminars, and workshops directed by area professionals. Topics to vary each semester. May be repeated.

[Off-campus-on-the-job-training-in-area-of-billboard-design--Student will work with sign designers and painters.--Prerequisite--Studio Workshop-I--VART-3391.--May-be-repeated-twice.--(3-0)]

[VART-3381--Commerical-Design-I--(3-semester-hours)

Prerequisite:--VART-3351-and-VART-3353

Study-of-lettering,-alphabets,-and-type-specifications.--May include-writing-copy.--May-be-repeated-twice.--(3-0)]

[VART-4381--Commerical-Design-II--(3-semester-hours)

Prerequisite:--Commerical-Design-I--VART-3381

Actual-campaigns-and-TV-and-magazine-promotions.--May-be repeated-twice.--(3-0)]

[VART-3391--Studio-Workshop-I--(3-semester-hours)

Off-campus-on-the-job-training-with-studio-or-agency-in conjunction-with-UFB.--Prerequisite:--VART-3351-and-VART-3353. May-be-repeated-twice.--(3-0)]

[VART-4393--Individual-Problems--(3-semester-hours)

Design-or-illustration-concentration.--Prerequisite:--Senior Standing-or-permission-of-instructor.--May-be-repeated-twice.--(3-0)]

[VART-3323--Commerical-Art-Survey--(3-semester-hours)

Survey-course-stressing-newest-techniques-and-study-of eommerical-art-history.--Prerequisite:--VART-3351-and-VART-3353. (3-0)]

[*VART-3370--Urban-Design--(3-semester-hours)

An-introduction-to-some-basic-social,-technological,-and cultural-factors-of-the-modern-urban-environment,-with-special emphasis-on-the-problems-of-form-giving-and-visual-communication. (3-0)]

8. Amend "Art Certification Course" as follows:

[Art-Certification-Course]

[VART-3300--Curriculum-and-Instruction-in-Visual-Arts--(3-semester-hours)

A-seminar-examining-recent-developments-in-secondary-art education,-creative-and-mental-growth,-and-the-organization-of-an art-curriculum-in-secondary-schools.--Workwhops-will-be-concerned with-the-theoretical-and-practical-aspects-of-planning,-developing, and-evaluating-visual-art-learning-experiences.]

GENERAL STUDIES

1. Add a section on "COURSES" with two new courses as follows:

COURSES

GS 4301 Special Topics (may be repeated only once for credit)
(3 semester hours)

GS 4302 Independent Study (may be repeated only once for credit)
(3 semester hours)

PSYCHOLOGY

UPPER DIVISION CORE REQUIREMENTS

1. Amend "UPPER DIVISION CORE REQUIREMENTS" as follows:

Social Psychology
 Cognitive Psychology
 Personality [~~and-Abnormal-Psychology~~]
 Physiological Psychology [~~and-Perception~~]

THE OPTIONS

2. Amend "THE OPTIONS" as follows:

3. The Criminal Justice Option: (a cooperative program with the School of Social Science.) Social Science Research Methods, Data Analysis and Statistics, 1 Developmental course, 3 Psychology courses related to Criminal Justice. [~~Statistics, 4 psychology courses related to Criminal Justice, 3 courses in social science related to Criminal Justice.~~]

CERTIFICATION IN PSYCHOLOGICAL TECHNOLOGY

3. Amend "CERTIFICATION IN PSYCHOLOGICAL TECHNOLOGY" as follows:

Students with a 3.2 grade point average at the end of their Junior year may select 12 semester hours from the offerings in Psychological Technology. These courses provide special training in skills such as [~~data-analysis;~~] behavior modification, child management, [biofeedback methodology, child-care;] testing. This additional training will entitle the student to local certification as a Psychological Technologist -- which should increase (but will not guarantee) employment potential. The Technology courses may not substitute for major requirements, but may fulfill elective requirements.

GRADUATE STUDY

4. Amend "GRADUATE STUDY" as follows:

[~~GRADUATE-STUDY~~]

[~~Students-completing-an-undergraduate-major-with-a-3-2-average will-be-admitted-to-the-graduate-program-without-being-required-to take-the-Graduate-Records-Examination,-and-will-be-exempt-from-certain graduate-course-requirements---(Not-applicable-to-Criminal-Justice optionees-unless-Strategies-of-Research-and-Experimental-Projects-have been-taken-as-electives.)~~]

Psychology Courses

5. Amend "Psychology Courses" as follows:

PSY 4331 Personality [~~and Abnormal Psychology~~] (3 semester hours)

A comparative survey and analysis of theories of personality, including consideration of research on personality and its techniques.
~~[Organization of the normal personality, and the nature of the dis-organizations that accompany abnormal behavior]~~

PSY 4343 Abnormal Psychology (3 semester hours)

Considers patterns of abnormal human behavior, approaches to psychotherapy, and related research.

PSY 4361 Physiological Psychology [~~and Perception~~] (3 semester hours)

The nature of the brain processes underlying human behavior, including consideration of basic neurology, sensory processes, and the physiology of learning and emotion. [~~The study of perceptual phenomena in vision, audition, and other senses and how they relate to neurological processes.~~]

~~[PSY-4332--Personality-Development--(3-semester-hours)~~

~~Forces affecting growth of the personality, and development of the sense of identity from childhood through adolescence to maturity.]~~

PSY 4362 Perceptual [~~and Physiological~~] Development (3 semester hours)

Considers the processes by which the individual gathers information from the external world, and the physiological basis of those processes, and how they develop throughout the lifespan of the individual. [~~A developmental approach to the maturation, structure, and function of the nervous, muscular, and perceptual systems.--The lifespan approach will be emphasized]~~

PSY 3332 Social and Personality Development (3 semester hours)

The study of the forces affecting the socialization of children. Emphasis will be placed on the child's interaction with others, and how this influences his development in such areas as self-concept, identity, and morality. [~~Sociocultural factors influencing development. How conceptions of morality, rules, and justice change with age]~~

PSY 3335 Psychology of Play (3 semester hours)

A broad examination of play including theories of play (Psycho-analytic, cognitive, ethological) and research on play (social play and object play.) Relevance of play for therapy and education are discussed.

PSY 4342 Analysis of Interpersonal Processes (3 semester hours)

Study of human interaction in two-person conversations and in groups, including interaction coding systems. Practical exercises are integrated with lectures and readings.

PSY 4382 Psychology and Physiology of Sleep (3 semester hours)

The course deals primarily with the brain mechanisms which control sleep and waking behavior. Neuroanatomical, biochemical, and electro-physiological aspects of sleep will be considered. Also covered will be topics such as circadian rhythms, the function of sleep, the actions of sleeping pills, and the meaning of dreams.

Special Topics in Psychology

6. Amend "Special Topics in Psychology" as follows:

PSY 4350-4650 Special Topics in Personality [~~and-Abnormal-Psychology~~]
(3-6 semester hours)

PSY 4380-4680 Special Topics in Physiological Psychology [~~and Perception~~] (3-6 semester hours)

7. Amend "Independent Study Courses" as follows:

PSY 4351-4651 Independent Study in Personality [~~and-Abnormal-Psychology~~]
(3-6 semester hours)

PSY 4381-4681 Independent Study in Physiological Psychology [~~and Perception~~] (3-6 semester hours)

Educational Psychology

8. Amend "Educational Psychology" as follows:

[~~PSY-3337--Effective-Teacher-Communication--(3-semester-hours)
Training-in-communicating-effectively-with-parents,-colleagues,
principals,-and-students--(Same-as-ED-3337)~~]

PSY 3370 Psychology and Education of the Aged (3 semester hours)

This course will consider the mature and aged adult from a developmental perspective. It will cover such broad topics as the adult body, the performing adult, the adult personality, the social adult, vocations and avocations, marital status, the family, and the aged adult.

Psychological Technology

9. Amend "Psychological Technology" as follows:

[~~PSY-4394--Recording-and-Analyzing-Videotaped-Behavior--(3-semester-hours)
Videotaping-children-and-adults-in-naturalistic-situation,-and
scoring-behavior-(from-slow-motion-playback)-on-a-variety-of-dimensions-
(Recommended-prerequisite:--Social-Ethology)~~]

[PSY-4395--Measuring-Auditory-and-Visual-Processing--(3-semester-hours)
Recording-and-analyzing-high-speed-reactions-to-auditory-and
visual-stimuli,-using-special-equipment.--(Recommended-prerequisite:
Attention-and-Memory)]

[PSY-4394--Recording-and-Analyzing-Videotaped-Behavior--(3-semester
hours)
Videotaping-children-and-adults-in-naturalistic-situation,-and
scoring-behavior-(from-slow-motion-playback)-on-a-variety-of-dimensions.
(Recommended-prerequisite:--Social-Ethology)]

[PSY-4395--Measuring-Auditory-and-Visual-Processing--(3-semester-hours)
Recording-and-analyzing-high-speed-reactions-to-auditory-and
visual-stimuli,-using-special-equipment.--(Recommended-prerequisite:
Attention-and-Memory)]

SPECIAL EDUCATION

Special Education Courses

1. Amend "Course Description" as follows:

SPEC ED 3315 Practicum in Appraisal and Programming for Exceptional Learners (3 semester hours)

Supervised practicum designed to provide training in the interpretation and implementation of the educational plan provided for each exceptional learner through tutorial and small group experiences in a classroom. Students will analyze the plan, utilize assessment procedures, and implement the plan using appropriate instructional materials and techniques (Prerequisite: SPEC ED 3305; Concurrent registration in a Disability Seminar required)

SPEC ED 3326 Interdisciplinary Practicum at the UAF (3 semester hours)

Participation on an interdisciplinary team at the University Affiliated Facility to assess and program for children with developmental disabilities. Includes observation and intervention with developmentally disabled children in a diagnostic classroom setting.

~~[SPEC-ED-4370--Selection,-Use-and-Evaluation-of-Special-Instructional Media -(3-semester-hours)~~

~~A-workshop-course-designed-to-introduce-the-use-of-media-methods, library-resources,-and-programming-procedures-into-the-education-of exceptional-children.--Multimedia-programs-will-be-used-to-demonstrate how-to-maximize-the-receptivity-of-information-by-exceptional-children. The-course-will-require-prescriptive-programming-and-media-projects-in cooperation-with-local-educational-institutions]~~

~~[SPEC-ED-4320--Intrapersonal-Dynamics-in-Special-Education (3-semester-hours)~~

~~Small-group-exploration-of-intrapersonal-factors-essential-to-understanding-roles-and-interpersonal-techniques-in-teaching-exceptional children]~~

~~[SPEC-ED-4332--Environment-and-Disability--(3-semester-hours)~~

~~Effect-of-environment-on-children-with-disability-and-the-contribution of-environment-to-the-development-of-certain-disabilities,-with-consideration-given-to-the-environments-of-families,-clinics,-schools,-institutions, communities,-and-their-relation-to-the-functioning-of-exceptional-children]~~

~~[SPEC-ED-4390--Issues-in-the-Education-of-Exceptional-Children (3-semester-hours)~~

~~Analysis-of-major-research-regarding-contemporary-trends,-issues, and-programs-for-the-exceptional,-consideration-of-comparities-and differences-among-exceptional-children]~~

SPEC ED 4338 Interdisciplinary Studies in the University Affiliated Facility (3 semester hours)

Participation on interdisciplinary team to assess and program for children with developmental disabilities. Includes observation of children in classroom, observation of staffings by interdisciplinary team, and student discussion of cases.

SPEC ED 4339 Interdisciplinary Studies in the University Affiliated Facility (3 semester hours)

Participation in classrooms for developmentally disabled children who are being diagnosed and evaluated for further medical and educational services. Students will assist in setting up testing situations, attend educational staffings, conduct observations of developmentally disabled children in the classroom.

SPEC ED 4391 Undergraduate Topics in Special Education (3 semester hours)

May be repeated for credit)

Topic 1: Physically Handicapped

Topic 2: Blind/Defective Vision

Topic 3. Mentally Retarded

Topic 4. Deaf/Severly Hard of Hearing

SPEC ED 4392 Methods of Teaching Exceptional Learners (3 semester hours)

(May be repeated for credit)

SPEC ED 4398-4698 Observation and Student Teaching in Special Education (3 [±]-6 semester hours)

Observation of teaching and experience in the preparation of plans for teaching followed by the experience of teaching under the supervision of an experienced special education teacher. (Same as ED 4396-4696) [May be-repeated-for-credit]

SPEECH PATHOLOGY AND AUDIOLOGY

1. Amend "Speech Pathology and Audiology Courses" as follows:

SPAU 4307 Aural Rehabilitation (3 semester hours)
Methods and materials of speech reading; auditory training and speech
conservation for persons with hearing impairment. Prerequisite:
SPAU 3341.

SPAU 4180-4680 Directed Individual Study in Speech Pathology and Audiology
(1-6 semester hours)
(May be repeated for credit.) Prerequisite: Consent of the
instructor. (varying from 0-3 to 0-18)

SPAU 4198-4698 Research in Speech Pathology and Audiology (1-6 semester
hours)
(May be repeated for credit.) Prerequisite: Consent of the
instructor. (varying from 0-3 to 0-18)

BUSINESS AND PUBLIC ADMINISTRATION

Business and Public Administration Courses

1. Amend "Business and Public Administration Courses" as follows:

ACCT 4361 Accounting for Governmental/Not-For-Profit Organizations
(3 semester hours)

Special features of budgetary and fund accounting as applied to municipalities, other governmental units, and institutions such as schools and hospitals. Prerequisite: ACCT 3332.

~~[BAPA-4336--Economic-Accounting--(3-semester-hours)~~

~~An-examination-of-the-accounting-concepts-and-techniques-necessary-to measure-economic-activities-of-national-(macro)-and-government-units; similarities-and-contrasts-of-problems-in-enterprise,-government-and national-income-accounting.--Determination-of-value-added;-classification and-valuation-difference.--Appraisal-of-macro-accounting-statements;-flows and-balances;-e.g.-;-national-income-and-product-accounts;-input-output tables;-flow-of-funds-accounts;-and-national-balance-sheets.--Use-of-macro and-micro-accounts-for-private-and-public-sector-economic-analysis;-policy and-planning-in-the-allocation-of-national-resources;-social-indicators and-corporate-social-performance-measurement;-human-resource-accounting. Prerequisite:--Advanced-accounting-status-and-permission-of-instructor. (3-0)]~~

~~[BAPA-4337--International-Dimensions-of-Accounting--(3-semester-hours)~~

~~International-measurement-and-reporting-problems-in-accounting;-the accounting-function-and-activities-in-various-international-environments. Accounting-concepts;-standards;-methods;-and-practices-in-foreign-countries and-their-relationship-to-U.S.-accounting.--Foreign-currency-translation; taxation;-performance-measurement-of-international-entities.--Accounting for-international-operations-and-multinational-enterprise-accounting. Comparative-accounting-systems.--Financial-reporting-of-foreign-and multinational-corporations.--Case-studies.--Prerequisite:--Advanced accounting-status-and-permission-of-instructor.--(3-0)]~~

BAPA 3302 Business and The Legal Environment (3 semester hours)

Laws affecting the conduct of trade and industry. The course focuses primarily on the nature, influence, and requirements of the various federal, state and local regulatory agencies; including the: Securities and Exchange Commission, Environmental Protection Agency, Fair Trade Commission, other similar agencies and commissions, and their state and/or local counterparts.

MMS 3360 Probability and Statistics for Non-Majors (3 semester hours)
Prerequisites MMS 3591 or Equivalent.

BAPA 3365 Marketing and Distribution Management (3 semester hours)
Introduction to marketing principles, including marketing planning, the decision making environment; market measurement, product decisions, promotion, pricing and distribution. Special emphasis will be placed upon the determination and evaluation of market segments. Prerequisite: None. [~~Lower-division-accounting-and-co-requisite-MS-3360~~]

BAPA 3373 International Corporate Finance (3 semester hours)
Review of international monetary systems. Function of international capital markets. Financing of international trade and investment. (3-0)

BAPA 4305 Policy Administration (3 semester hours)
Integrative course in management administration. Topics in finance, production and marketing analyzed in decision-making format. Case study orientation. Prerequisite: Completed core courses or permission of instructor. [~~Senior-Standing~~]

BAPA 4363 Motivation and Leadership (3 semester hours)
Systematic insights into individual motivation and group leadership processes. Intrapersonal, intragroup, and environmental factors affecting the motivation of group members and the emergence of group leaders. Determining the effectiveness of various leadership styles will also be considered. Reviewed will be the works of authors such as Maslow, Herzberg, McGregor, Likert, Fielder, Stogdill, Bowers, etc. Prerequisite: BAPA 3361. [~~BAPA-4334-or-BAPA-4362~~]

BAPA 4399 Honors Thesis or Project (3 semester hours)

BIOLOGY

LOWER DIVISION PREREQUISITES

1. Amend "LOWER DIVISION PREREQUISITES" as follows:

For B.S. and B.A. candidates

General [~~introductory~~] biology with laboratory - 2 semesters
General [~~introductory~~] chemistry with laboratory - 2 semesters
 Organic chemistry with laboratory - 2 [~~1~~] semesters

For B.S. candidates only

Calculus - 2 semesters
General physics (calculus-based) with laboratory - 2 semesters

Students deficient in these prerequisites may be admitted to the Biology Program upon approval of the Biology Program Office. Such students should expect to take equivalent course work in their first year or in the summer immediately preceding. [~~Two-semester-each-of-physics-(with-laboratory)-and-calculus-are-highly-recommended-and-will-be-required-before-graduation-for-those-intending-to-pursue-the-Bachelor-of-Science Option.]~~

THE DEGREE OPTIONS

2. Amend No. 2, "Bachelor of Arts in Biology:" as follows:

In either degree option the Biology electives and Science electives may not include Interdisciplinary Studies courses. Science electives typically include additional Biology electives or electives from other degree programs in the School of Natural Sciences and Mathematics, such as CHEM 3411 Physical Chemistry, MMS 3331, Introduction to Computing, or PHYS 3328, Electronics for Scientists. Science electives and free electives may include organic chemistry, calculus or physics if these are taken as upper division work at UT-Dallas.

Upper-level Biology courses taken at other institutions may be included as part of a degree plan. For example, a student interested in marine biology might include courses offered in summer sessions by The University of Texas Port Aransas Marine Science Institute (past examples: Biological Oceanography, General Marine Physiology, Marine Invertebrates, Marine Microbial Ecology). However, every degree plan must include a minimum of 12 semester hours of Biology core and elective courses taken at UT-Dallas.

Pre-Medical or Health Profession requirements are set by the individual professional schools, whose specific requirements should be reviewed with the help of the Health Careers Advisory Committee. The requirements of most medical schools would be met by the Bachelor of Science Degree. [~~by-students-planning-such-careers.--(The-requirements-of-most-medical-schools-include-introductory-biology,-introductory-chemistry,-organic-chemistry,-physics-for-science-majors,-and-mathematics-through-calculus-and-allow-either-a-broad-science-or-a-liberal-arts-major-)]~~

BIOLOGY COURSES

3. Amend "BIOLOGY COURSES" as follows:

General Biology and General Chemistry are prerequisites for all Biology courses except General Courses. Additional prerequisites are specified in the course description. Course prerequisites may be waived by the instructor with the approval of the Biology Program Office. [The lower division prerequisites apply to all courses listed except those carrying the statement "No prerequisites." Any additional prerequisites are specified in the course description. Course prerequisites may be waived by the instructor with the approval of the Biology Office.]

Course Description

4. Amend "Course Description" as follows:

GENERAL COURSES

These courses may not count for credit toward the major in Biology.

BIO 3390 Biological Basis of Health (3 semester hours)

Fundamentals of human physiology. Nature of illness and its avoidance or minimization. Effects of drugs. (No prerequisites.)

BIO 3391 General and Human Genetics (3 semester hours)

Heredity (chromosomes, gene theory and function, genotype and phenotype), population genetics (mutations, factors in evolution and species formation, human evolution), human genetics (hereditary diseases, genetic engineering, heredity and environment, heredity and behavior, twin research). (No prerequisites.)

BIO 3392 Birds of Texas (3 semester hours)

Common Texas birds in relation to those in the Eastern and Western United States and Northern Mexico. Migratory routes and wintering grounds on the Gulf Coast. Identification of birds and study of their behavior on field trips with emphasis on those species common in the Dallas area. (No prerequisites.)

Core Courses

5. Amend "Core Courses" as follows:

BIO 3301 Molecular and Cell Biology I (3 semester hours)

Mechanisms of generation and storage of metabolic energy, biosynthesis of macromolecules, and regulation of gene expression, with major emphasis on their overall role in the function of a cell. Required for B.S. or B.A. degree. (Prerequisite: organic chemistry.)

BIO 3280 Chemical Basis of Biology Laboratory (2 semester hours)
 Basic laboratory methods for quantitatively characterizing and investigating biological substances. Required for the B.S. degree.
 (Prerequisite: organic chemistry.)

Electives

6. Amend "Electives" as follows:

BIO 3306 Comparative Animal Physiology [Cellular-Metabolism]
 (3 semester hours)
Comparison of invertebrate and vertebrate organ systems, their functional integration, and their role in the adaptation of the organism to, and its interaction with the environment. Review of fundamental cellular processes as needed. [The role of enzymes, cofactors and vitamins in respiration and in the synthesis and degradation of nucleic acids, nucleotide proteins, amino acids, polysaccharides, sugars, and lipids; regulatory mechanisms of the enzymes involved in these processes.]

BIO 3309 Neurobiology (3 semester hours)
Brain and behavior in vertebrates and invertebrates. Neuroanatomical, neurophysiological, and neurochemical fundamentals at molecular and higher levels. Topic areas under brain; membrane physiology, sensory processing, receptor physiology, and coding in the nervous system. Topic areas under behavior: seeing, hearing, and memory. [A survey of brain mechanisms mediating behavior in vertebrates and invertebrates; general neuroanatomical, neurophysiological, and neurochemical principles at molecular and higher levels.]

[BIO-3312--Plant Physiology and Autecology--(3-semester hours)
Principles of structure and functioning of higher plants; uptake of water; transpiration; mineral units; photosynthesis respiration; and chemosynthesis; plant metabolism; growth; differentiation and movements of plant cells and the chemical and physical factors affecting these parameters; adjustments of plants to their ecological niches.]

BIO 3315 Aquatic Biology (3 semester hours)
 Aquatic organisms, their interactions, and responses to the environment: effects of chemical pollutants on individuals and whole populations. Laboratory includes field trips. (2 hrs. lecture, 2 hrs. laboratory.)

[BIO-3646 Marine Biology--(6-semester hours)
Any of the courses in marine biology offered in summer session by the Port Aransas Marine Station (The University of Texas).--Specific courses and their prerequisites announced annually by the Station. (Past examples:--Biology of Microalgae, Ecology of Fishes, Marine Chemistry, Physical Oceanography, Marine Invertebrates, Microclimatology, Biology of Seagrass Ecosystems.)--Admission by separate application. Students intending to apply should consult their advisors or the biology Program Office by the beginning of the spring semester to insure that the necessary steps are taken before the deadline.]

[BIO-4307--Cellular-Physiology--(3-semester-hours)

Genetic-and-chemical-bases-of-the-function-of-pro-and-eukaryotic cells.]

[BIO-4310--Mycology--(3-semester-hours)

Introduction-to-the-morphology,-biochemistry,-taxonomy,-genetics, and-ecology-of-fungi.]

[BIO-4320-Enzymology--(3-semester-hours)

The-structure-of-enzymes-and-how-they-work;-application-of-enzymology in-industry-and-medicine.]

[BIO-4321--Electronics-for-Scientists--(3-semester-hours)

Basic-and-practical-A.C.-and-D.C.-circuits;-operation-of-transistors; circuit-building-and-analysis-of-circuit-diagrams;-digital-electronics- 2-hours-lecture-and-2-hours-laboratory.--(Prerequisites:--Calculus, Physics)]

BIO 4345 Immunobiology (3 semester hours)

(1) structure and function of immunoglobins and antigens, and biological aspects of immunoglobulin formation, (2) serological reactions: precipitation, agglutination, complement, and phagocytosis, (3) cell-mediated immunity: hypersensitivities, autoallergy, tissue transplantation and tumor immunology. (Prerequisite: organic chemistry.)

[Antibody-formation,-structure,-and-reactions-with-antigens;-complement antibody-mediated-sensitivity;-blood-group-substances-and-transplantation immunity.]

BIO 4100-4900 Special Topics in Biology (1-9 semester hours)

Courses for Biology Honors Students [(3-semester-hours,-may-be repeated-for-credit)]

BIO 5000 During the last 12 hours of senior work, students may, with the permission of the instructor and the Biology Program Office, enroll in the 5000 level courses listed for the Graduate Program in Biology. Such course work cannot apply as credit towards a bachelor's degree.

CHEMISTRY

LOWER DIVISION PREREQUISITES

1. Amend "LOWER DIVISION PREREQUISITES" as follows:

LOWER DIVISION PREREQUISITES

One year [of] each of general chemistry with laboratory, general physics with laboratory, and calculus. The general physics course should be calculus-based. Organic Chemistry (2 semesters with Laboratory) and Quantitative Analysis (1 semester) are strongly recommended. Differential Equations is desirable if the student's schedule permits. [~~A lecture course in organic chemistry is strongly recommended. Quantitative analysis and differential equations are desirable if the student's schedule permits.~~]

UPPER DIVISION CORE REQUIREMENTS: (10 semester hours)

2. Amend "UPPER DIVISION CORE REQUIREMENTS" as follows:

(CHM 3331-3233-3332-3234 [Covalent Chemistry I and II with laboratory] must be added if organic chemistry is not presented at entrance. In this case the upper division core requirements are increased to 20 hours and the unspecified hours below are decreased accordingly. Similarly, Chemistry 3451 must be added if quantitative analysis is not presented at entrance.)

Chemistry Courses

3. Amend "Chemistry Courses" as follows:

CHM 3332 Organic [Covalent] Chemistry II (3 semester hours)
Continuation of Organic Chemistry I. Methods of structure determination. Synthesis, degradation, spectroscopy. Naturally occurring compounds: carbohydrates, amino acids and proteins, lipids, alkaloids.
Prerequisite: Organic Chemistry I. [Relationship between structure and reactivity. Methods of structure determination. Chemical synthesis, degradation, spectroscopic techniques. Naturally occurring compounds; biochemistry. Satisfies basic organic chemistry lecture requirements for pre-health profession students. Prerequisite: Covalent Chemistry I]

CHM 3234 Organic [Covalent] Laboratory II (2 semester hours)
Continuation of Organic Chemistry Laboratory I. Prerequisite: Organic Chemistry Laboratory I. [Experiments dealing with the effect of structure on reactivity. Determination of the structures of organic and covalent inorganic compounds. Prerequisite: Covalent Chemistry Laboratory I]

[GHEM-5309--Special Topics/TAGER--(3-semester-hours)]

[CHEM-5411--Introduction to Chemical Physics--(4 semester hours)

Survey of fundamental ideas of classical, quantum, and statistical mechanics; with examples drawn from atomic structure, chemical bonding, spectra and dynamics; relation of bulk properties to microscopic interactions.--Prerequisite:--Physical Chemistry-II]

[CHEM-5312--Chemical Dynamics--(3 semester hours)

Contemporary experimental methods for reaction rate data; theory of uni-, bi- and termolecular reactions; phase space and collision theories of reaction; mechanisms of reactive collision.--Prerequisite:--Physical Chemistry-II]

[CHEM-5313--Statistical Mechanics--(3 semester hours)

Classical and quantum statistical mechanics; localized and non-localized ensembles; thermodynamic properties in terms of partition functions for atoms and molecules; equations of state of non-ideal gases and liquids; Fermi-Dirac and Bose-Einstein statistics with emphasis on extreme degenerate regions; introduction to the Darwin-Fowler method. Prerequisite:--Physical Chemistry-II]

[CHEM-5431--Advanced Organic Chemistry--(4 semester hours)

Modern concepts of bonding and structure in covalent compounds.--Static and dynamic stereochemistry and methods for study.--A survey of the relationships between structure and reactivity.--Prerequisite:--Organic or Covalent Chemistry-II]

[CHEM-5332--Physical Organic Chemistry--(3 semester hours)

Reaction Mechanisms.--Techniques for determining reaction mechanisms; reactive intermediates, and applications to synthesis.--Prerequisite: Advanced Organic Chemistry]

[CHEM-5333--Synthetic Organic Chemistry--(3 semester hours)

A survey of modern synthetic methods in organic chemistry. Prerequisite:--Physical Organic Chemistry]

[CHEM-5341-5342--Advanced Inorganic Chemistry--(3 semester hours)

Atomic structure; ionic bonding and crystal structures.--Valence bond theory, molecular orbital theory, hybridizations and delocalization. Introduction to structure and bonding of transition metal complexes. Crystal field theory, ligand field theory, and spectra.--Prerequisite: Physical Chemistry-II]

[CHEM-5352--Advanced Analytical Chemistry--(3 semester hours)

Applications of instrumental techniques to structure determination of organic and inorganic compounds.--Lecture only; laboratory skills may be gained by registering in an appropriate research course.--Prerequisite: Organic or Covalent Chemistry-II, Physical Chemistry-II, Instrumental Analysis]

[GHEM-5381--Chemistry,--Technology--and--Society--(3-semester-hours)

The-principles-of-chemical-bonding-and-reactivity-are-applied-to-the
system-earth,-our-resources-and-technology-for-manufacture-of-materials
such-as-paper,-plastic,-and-concrete.--The-regularities-of-the-periodic
table-will-be-emphasized.--Prerequisite+-+Consent-of-instructor]

GEOSCIENCES

UPPER DIVISION CORE REQUIREMENTS

1. Amend "UPPER DIVISION CORE REQUIREMENTS" as follows:

Bachelor of Arts: None. [~~GEOS-3420-(or-equivalent-Historical-Geology-)~~]

Bachelor of Science: GEOS 3461, 3462, 3470 and a Field Course (GEOS 4405, 4483 or 4606). One year of General Physics (if not taken previously), two semesters of Calculus; and a course in statistics or differential equations.

GEOSCIENCES COURSES

2. Amend "GEOSCIENCES COURSES" as follows:

~~[GEOS-3420--Essentials-of-Earth-History--(4-semester-hours)~~

~~Historical-geology-and-stratigraphy;-development-of-life;-evolution of-organisms-through-time;-the-use-of-organisms-to-establish-a-stratigraphic framework;-the-geological-time-scale;-organic-and-inorganic-evolution-of the-Earth-as-related-to-continental-drift-and-plate-tectonics;--Laboratory course;--Field-trip]~~

~~[GEOS-4370--Structural-Geology--(3-semester-hours)~~

~~Introduction-to-behavior-of-materials;-stress-and-strain;-failure criteria;-fault-analysis;-rheologic-properties-of-geologic-materials; fold-analysis;-survey-of-major-structural-provinces-in-North-America and-Europe;--Lab-includes-descriptive-structural-geology-map-interpretation;-stereophoto-analysis;-use-of-stereographic-projections. Prerequisite:--Trigonometry;--Laboratory-course;--Field-trip]~~

GEOS 3421 [4421] Stratigraphy & Sedimentology (4 semester hours)

Fundamental principles of stratigraphy and sedimentology. Physical and chemical sedimentation, study of sedimentary structures and hand specimen and thin section petrography and biostratigraphy. Laboratory course. Field trips. [~~Prerequisite:--3420-or-its-equivalent~~]

GEOS 3461 Introduction to Mineralogy - Petrology I (4 semester hours)

Hand specimen mineralogy and fundamentals of crystallography and optical mineralogy. Laboratory course. Prerequisite: General Chemistry or General Physics.

GEOS 3470 Introduction to Structural Geology (4 semester hours)

Introduction to behavior of materials, stress, and strain, failure criteria, fault analysis, rheologic properties of materials, fold analysis; survey of major structural provinces in North America and Europe. Lab includes descriptive structural geology map interpretation, stereophoto analysis, use of stereographic projections. Prerequisite: Trigonometry. Laboratory course. Field trip.

GEOS 4334 Paleocology (3 semester hours)

Relations between sediment type, organism distribution, diagenesis, and the historical continuity of community organization. Laboratory course. Field trip. Prerequisite: Geosciences 3421, 3430. [3429]

GEOS 4343 Sedimentary Environments (3 semester hours)

The interpretation of ancient sedimentary environments of deposition based on the study of primary sedimentary structures, grain size analysis, fossils, trace fossils, unit geometry, quartz grain surface textures, trace element, geochemistry, etc. Deals with clastic terrigenous as well as carbonate sediments. Laboratory course. Field trip. Prerequisite: Geosciences 3421, 3430. [3343]

GEOS 4365 Mineral and Energy Resources (3 semester hours)

The geology, distribution and economics of oil and gas, metallic and nonmetallic mineral deposits; also discussion of geothermal, nuclear, and other energy sources. Prerequisite: Geosciences 3360, or 3461-3462.

GEOS 4405 Field Geology (4 semester hours)

An introduction to the interrelation of geologic features in the field including the fundamental principles and techniques of geologic mapping. Course consists of lectures, 8 days of detailed field mapping and preparation of a report in professional form. Prerequisite: GEOS 3470.

GEOS 4109-4909 Senior Research in Geology (1-9 semester hours, may be repeated for credit.)

MATHEMATICAL SCIENCES

THE OPTIONS

1. Amend "THE OPTIONS" as follows:

~~[2.a. Applied Mathematics with Applied Concentration: For those interested in applied mathematics but with a particular area of application in mind. The students will train in both applied mathematics and the chosen area of application.]~~

~~[4.a. Statistics with Applied Concentration: For those interested in analysis of quantitative information in some particular area of application.]~~

Mathematical Science Courses

2. Amend "Mathematical Science Courses" as follows:

MMS 3309 Multivariable Calculus (3 semester hours)

Calculus of functions of several variables: multiple integration and partial differentiation. Prerequisite: Univariate calculus.

MMS 3310 Theoretical Concepts of Calculus (3 semester hours)

Mathematical theory of calculus. Limits, types of convergence, power series, differentiation and Riemann integration. Prerequisite: Univariate calculus.

MMS 311-3312 Modern Algebra (3 semester hours each)

Algebraic systems: Groups, rings, fields, polynomials, and other selected topics. Prerequisites: MMS 3309 and 3310. [High-school-algebra]

~~[MS-3325-3326 Advanced Calculus (3 semester hours each)]~~

~~Mathematical theory of limits, types of convergence, power series, calculus of functions of several variables; introduction to ordinary differential equations. Prerequisite: One year of college-level calculus. (3-0)]~~

MMS 3360 Probability and Statistics for Non-Majors (3 semester hours)

Probability theory including independence, conditioning, density functions, frequently used families of distributions, random variables, expectation, moments and the central limit theorem; statistical inference including sampling, estimation, hypothesis testing, regression and decision theory. Prerequisite: MMS 3591 or equivalent. [Three lectures and two labs per week. The lab sections will be divided along disciplinary interests. Prerequisite: Basic college algebra.]

MMS 3374 Partial Differential Equations (3 semester hours)

Methods of solution of common partial differential equations; emphasis on applications. Prerequisites: MMS 3309 and 3371

MMS 4301-4302 Introduction to Analysis (3 semester hours each)

Sets, real number system, metric spaces, real functions of several variables. Riemann-Stieltjes integration and other selected topics. Prerequisites: MMS 3309 and 3310. [MS-3326]

MMS 4371-7372 Methods of Applied Mathematics (3 semester hours each)

This is a survey of many of the frequently used tools in applied mathematics: Topics chosen from such things as special series, infinite products, line and surface integrals, divergence, gradients, Green's functions, tensors, elementary complex function theory, calculus of residues, transforms, orthogonal function systems. Prerequisites: MMS 3309 and 3310. [MS-3326]

PHYSICS

Physics Courses

1. Amend "Physics Courses" as follows:

PHYS 3103 Fundamentals of Physics Laboratory I (1 semester hour)

A Laboratory in general physics designed to complement PHYS 3301.
Topics covered include mechanics, heat and sound.

PHYS 3104 Fundamentals of Physics Laboratory II (1 semester hour)

A laboratory in general physics designed to complement PHYS 3302.
Topics covered include electricity and magnetism, electrical oscillations,
light, and other electromagnetic waves.

~~[PHYS 3203--Fundamentals of Physics Laboratory--(2-semester-hours)~~

~~A laboratory sequence in general physics designed to complement~~
~~Physics 3301 and 3302.--Topics covered include mechanics, heat, sound,~~
~~electricity and magnetism, mechanical and electrical oscillations,~~
~~light, and other electro-magnetic waves.]~~

PHYS 3305 Natural Phenomena and the Scientific Method

The scientific method of inquiry through observation, reason and experi-
ment will be applied to the understanding of natural phenomena. Use will
be made of simple apparatus to vividly demonstrate many physical phenomena
and allow understanding of the physical realities of the world in which we
live.

SCHOOL OF SOCIAL SCIENCES

SOCIAL SCIENCE COURSES

1. Amend "SOCIAL SCIENCE COURSES" as follows:

SOC SCI 3300 Contemporary Issues in the Social Sciences (3 semester hours)
An examination of important contemporary issues in the Social Sciences.
Specific topics to be chosen by the instructor.

SOC SCI 3303 Social Science Through Film (3 semester hours)
An exploration of some of the major concerns of the social sciences
through the use of feature length and short films, as well as still photo-
graphs. The course will often be organized around a special theme, such
as urban life, poverty, and warfare.

SOC SCI 4301 Methods in Survey Research (3 semester hours)
Explanation of the design and implementation of survey research
techniques. Topics covered include research design, sampling technique,
questionnaire construction, field methods, coding and editing of completed
survey, data preparation, and analysis and reporting of results.
Prerequisites: SOC SCI 3401 and SOC SCI 3402 or consent of instructor.

ANTHROPOLOGY

Course Description

1. Amend "Course Description" as follows:

ANTHRO 3324 The Physiological Basis of Cultural Behavior (3 semester hours)
A review of anthropological research from the point of view of an attempt to assess the contribution of physiology to the cultural behavior of the individual.

ANTHRO 3355 Nonverbal Communication (3 semester hours)
Human communication by nonverbal means. The study of gesture, facial expression, proxemics, communication through objects, and other realms of communicative behavior.

ANTHRO 3356 Dance and Society: The Anthropology of Dance (3 semester hours)
Introduction to the scope and methods of dance. Emphasis on the nature and function of dance in society through historical time and across geographical space. Film and live observation.

ANTHRO 4396 Selected Topics in Anthropology (3 semester hours)
May be repeated for credit.

ANTHRO 4197-4997 Independent Study (1-9 semester hours)
May be repeated for credit.

~~[ANTHRO-4391--Advanced-Topics-in-Cultural-and-Social-Anthropology (3-semester-hours)
 Selected-topics-in-Cultural-and-Social-Anthropology-by-arrangement with-instructors.--Prerequisite:--Senior-Standing]~~

~~[ANTHRO-4392--Special-Topics-in-Ethnomusicology--(3-semester-hours)
 Courses-in-selected-topics-announced-by-the-instructor]~~

~~[ANTHRO-4393--Advanced-Topics-in-Urban-Anthropology--(3-semester-hours)
 Selected-topics-in-the-description-and-analysis-of-urban-social organization;-by-arrangement-with-faculty.--Prerequisite:--Senior Standing]~~

~~[ANTHRO-4198-4998--Field-Work-or-Internship--(1-9-semester-hours)]~~

~~[ANTHRO-4199-4999--Senior-Research--(1-9-semester-hours)]~~

ECONOMICS

THE OPTIONS

1. Amend "THE OPTIONS" as follows:

THE OPTIONS

The student majoring in Economics may choose to specialize in one of three options. Specialization in an option requires 22 [24] hours of advanced courses in Economics and related studies beyond the core requirements.

1. Economics: The study of Economics from a disciplinary perspective;
2. Political Economy: The study of the relationship between political and economic issues; [the-analysis-of-the-economic-basis-of-politics-and-the-study-of-the-politics-of-the-economy-(with-political-science)-]
3. Urban Studies: The study of urban issues with an emphasis on economic analysis.

A student should consult with the College Master or his or her adviser about specific course required by each option.

Students who complete the Economics Option may elect to receive either a B.A. or a B.S., depending upon their course of study: Students in the Economics Option who elect the B.S. degree must take both ECO 4351 and ECO 4355. Students completing either the Political Economy Option or the Urban Studies Option will receive the B.A. degree.

Economics Courses

2. Amend "Economics Courses" as follows:

[~~ECO-4363--Selected-Topics-in-Political-Economy--(3-semester-hours)~~]

[~~ECO-4385--Topics-in-Economic-History--(3-semester-hours)
Selected-topics-in-economic-history.~~]

[~~ECO-4395--Advanced-Topics-in-Economics--(3-semester-hours)
Topic-I;--The-Political-Economy-of-International-Oil~~]

GEOGRAPHY

Geography Courses

1. Amend "Geography Courses" as follows:

GEOGRAPHY 4376 Selected Topics in Geography (3 semester hours)
May be repeated for credit.

~~[GEOGRAPHY-4380---Topics-in-Social-Geography---(3-semester-hours)
 Discussion-of-selected-topics-in-social-geography]~~

~~[GEOGRAPHY-4384---Selected-Topics-in-Economic-Geography---(3-semester-hours)
 Different-topics-will-be-selected-from-semester-to-semester]~~

~~[GEOGRAPHY-4199-4999---Senior-Research---(1-9-semester-hours,-may-be
 repeated-for-credit)]~~

POLITICAL SCIENCE

POLITICAL SCIENCE COURSES

1. Amend "POLITICAL SCIENCE COURSES" as follows:

POL SCI 4332 Personality and Politics [~~Congress and Public Policy~~]
(3 semester hours)

A comparative analysis of such problems as the interaction of the political leader's personality with historical circumstance, cultural expectations and institutions, and the interaction between aggregate personality, social-political movements, and political culture. [~~This course will portray Congress---the institution and its activities. Various aspects of congressional activity will be examined with a view to the manner in which they affect public policy. Topics will include considerations of size, norms of behavior, strategic premises, constituency relations, executive relations, and relations with the bureaucracy.~~]

POL SCI 4396 Selected Topics in Political Science (3 semester hours)
May be repeated for credit.

[~~POL-SGI-4380--Selected-Topics-in-Comparative-Polities--(3-semester-hours)~~
~~Discussion-of-selected-topics-in-comparative-polities.~~]

[~~POL-SGI-4381--Selected-Topics-in-American-Politics--(3-semester-hours)~~]

[~~POL-SGI-4382--Selected-Topics-in-International-Relations~~
~~(3-semester-hours)~~]

[~~POL-SGI-4383--Selected-Topics-in-Political-Theory-and-Methodology~~
~~(3-semester-hours)~~]

[~~POL-SGI-4385--Selected-Topics-in-Political-Science-Methodology~~
~~(3-semester-hours)~~
~~Model-building-and-quantitative-methods-for-political-science~~
~~research-are-developed-and-explored.~~]

[~~POL-SGI-4386--Selected-Topics-in-Public-Policy--(3-semester-hours)~~]

[~~POL-SGI-4387--Selected-Topics-in-Public-Administration~~
~~(3-semester-hours)~~]

[~~POL-SGI-4405--Introduction-to-Political-Research--(4-semester-hours)~~
~~A-workshop-course-focused-on-a-class-research-project-in-which~~
~~various-political-strategies-will-be-evaluated.--Selected-topics-in~~
~~advanced-analytic-techniques-will-be-offered-as-needed.--The-use-of~~
~~the-computer-as-a-research-tool-will-be-stressed.~~]

SOCIOLOGY

UPPER DIVISION REQUIREMENTS

- 1. Amend "UPPER DIVISION REQUIREMENTS" as follows:

UPPER DIVISION REQUIREMENTS (17 [~~14~~] semester hours)
 Social Science Research Methods (SOC SCI 3401)
 Statistics and Data Analysis (SOC SCI 3402)
 Sociological Theory (SOC 3303)
 Social Stratification (SOC 3302) [~~or~~]
 Social Control (SOC 3332)

THE OPTIONS

- 2. Amend "THE OPTIONS" as follows:

The student majoring in Sociology must choose one of four options in which to concentrate his work. Specialization in an option requires 19 [~~24~~] hours of advanced courses in Sociology and related fields beyond the core requirements listed above.

- 1. Sociology: A general preparation in the discipline of sociology. Courses should be arranged with your advisor to combine a broad coverage of sociology with emphasis on your special interests.
- 2. Urban Studies: The analysis of urban processes, policies, and problems. Requirements: Soc 3230 (Urban Sociology), plus four additional courses related to urban studies to be arranged with your advisor.
- 3. Criminal Justice: The social, behavioral, and political aspects of law enforcement and the judicial processes. Requirements: Soc 3360 (Criminal Justice and the Community) and either Soc 3361 (Criminology) or Soc 3362 (Juvenile Delinquency), plus three additional courses related to criminal justice, to be arranged with your advisor.
- 4. Social Psychology: Processes of socialization, person to person interaction, and the individual's relationship to society. Requirements: Soc 3340 (Social Structure and Personality) and Soc 3341 (History and Theory of Social Psychology), plus three additional courses related to social psychology, to be arranged with your advisor.

Sociology Courses

3. Amend "Course Description" as follows:

~~[S06-4380--Advanced-Topics-in-Sociological-Theory--(3-semester-hours)
Selected-advanced-topics-in-sociological-theory]~~

~~[S06-4381--Advanced-Topics-in-Deviance-and-Control--(3-semester-hours)
Discussion-of-selected-social-problems]~~

~~[S06-4382--Advanced-Topics-in-Comparative-Social-Institutions
(3-semester-hours)
Discussion-of-selected-topics-in-comparative-social-institutions]~~

~~[S06-4383--Advanced-Topics--(3-semester-hours)
Specialized-areas-of-sociological-investigation]~~

~~[S06-4196-4996--Directed-Reading-in-Selected-Sociological-Topics
(1-9-semester-hours)
Independent-reading-under-the-direction-of-one-or-more-faculty]~~

SOC 4396 Selected Topics in Sociology (3 semester hours)
May be repeated for credit.

SOC 4197-4997 Independent Study [Directed-Research-in-Selected
Sociological-Topics] (1-9 semester hours)
May be repeated for credit. [~~Independent-Research-under-the
direction-of-one-or-more-faculty~~]

SOC 4198-4998 Field Work or [in] Internship (1-9 semester hours)
May be repeated for credit.

SOC 4199-4999 Senior Research (1-9 semester hours)
Required for honors students. May be repeated for credit.
~~[Independent-research-project-for-seniors]~~

EDUCATION

1. Amend "Teacher Education" as follows:

The role of teacher education at the University is to insure that prospective teachers acquire the knowledge and competencies required in today's schools and the techniques for extending their education after graduation. Teachers should be prepared not only in what they teach, but should also have an understanding of whom they teach, and of the societal context in which learning takes place, before they are recommended for teacher certification.

The role of teacher education at the University actively confirms its interdisciplinary philosophy. The University does not intend to offer degrees in Education. The University regards as a significant role the preparation of teachers and other professional personnel to serve the public and private schools of the state and nation. It provides an interdisciplinary approach to teacher preparation by which course requirements related to the cultures of students, their personalities and human potential complement rigorous training in the subject matter of the teacher's chosen discipline.

Course work and field experiences leading to degrees and to teacher certification are planned and implemented through the Office of Teacher Education, under the aegis of the Council on Teacher Education, and in coordination with the Deans of Schools in the various disciplines. Content and procedures of these curricula have regularly been subject to review and advisement by the Texas Education Agency, the Dallas Teacher Education Council and the Northeast Texas Suburban Teacher Education Council.

~~[The preparation of professional personnel for the school systems of our nation is a significant responsibility for any institution. It is especially important for The University of Texas at Dallas since the objectives of the University recognize the vital role of education in our democratic society.]~~

~~The legislation creating The University of Texas at Dallas, effective September 1, 1969, which may be found in Chapter 70 of the Texas Education Code, charged the Board of Regents with the responsibility of providing courses customarily offered at leading American universities. Pursuant to that authorization, The University of Texas at Dallas has developed curricula appropriate for the preparation of professional personnel for service in public and private school systems.~~

~~The Teacher Education instruction at The University of Texas at Dallas has been developed by the Council on Teacher Education, consisting of persons from the various faculties of the University and University administrative officials. The Texas Education Council provides guidance and consultation in the development of instruction in teacher education.]~~

Admission

2. Amend "Admissions" as follows:

Students aspiring to earn a degree and to achieve a teaching certificate at the University are advised to plan carefully and seek counselling assistance for the accomplishment of those dual goals, even during the first two years of their collegiate experience.

Application for admission should be made first to the University. On being admitted, students should then discuss their interest in teaching with the Office of Teacher Education in order to draw up a certification plan.

A student will only be admitted to Teacher Education after he has developed a degree plan with his academic advisor in his major field AND has had a Certification Plan prepared by the Office of Teacher Education which interfaces with his degree plan.

Each student who applies for admission to Teacher Education will receive consideration based upon the following criteria: [Students desiring Teacher Education instruction at The University of Texas at Dallas should apply for admission in the Office of Teacher Education upon completion of the process of admission to the University. Applications for admission to Teacher Education will be considered on the basis of the following criteria.]

1. Indication of a serious intent to enter the field of teaching as shown in a petition for admission, including documentation of experiences in working with children or young people and how this experience relates to the intent to pursue the teacher preparation program.
2. Completion of at least 54 semester hours or its equivalent with a grade point average of 2.5 on a 4 point scale at the time of official entrance. A student with less than 2.5 at the time of application for admission will be given an opportunity to demonstrate a 2.5 grade point average in the first twelve (12) semester hours taken at UT-Dallas.
3. An application on file with the Director of Teacher Education requesting admission to Teacher Education and approved by the student's faculty adviser.
4. A formal degree plan on file in the Office of the University Registrar, and a Certification Plan on file in the Office of Teacher Education.

Secondary Certification, Grades 7-12

3. Amend "Secondary Certification, Grades 7-12" as follows:

The following are subject areas in which the University offers approved teaching fields leading to teacher certification.

PLAN I Certification

(Two teaching fields of at least 24 hours each, plus 18 hours of Professional Education) [~~Students must complete a minimum of 24 semester hours in each of two specializations selected from the following fields of interest plus 18 semester hours of professional development in education.~~]

Biology	[*] Geography
Chemistry	* [*] German
Computer Information Science	History
[*] Drama	[*] Latin
Earth Science	Mathematics
English	Physics
* [*] French	[*] Sociology
*Generic Special Education	Spanish
	[Government]

*Generic Special Education, although technically a "teaching field" for a Provisional Secondary Certificate, does in fact provide certification that permits a school district to employ a teacher in a variety of roles at any grade level of students from age 3 to 21. A second teaching field should be chosen which will appropriately complement the special education specialization.

*Degrees will not be offered in these subjects for students entering the University for academic year 1977-78. [~~*May be offered subject to approval of the Texas Education Agency~~]

PLAN II Certification

(A single composite field of at least 48 hours, plus 18 hours of Professional Education.)

[~~Students must complete a minimum of 48 semester hours in one of the following composite fields of interest plus 18 hours of professional development in education.~~]

Science
[*] Social Studies

[~~*May be offered subject to approval of the Texas Education Agency.~~]

All-Level Certification, Grades 1-12

(A single field of at least 48 hours, plus 18 hours of Professional Education.)

Music (6 hours must be in Elementary Music and 6 hours in Secondary Music. Professional Education must include 3 hours of Elementary methods and 3 hours of Secondary methods. Student teaching must be done at both elementary and secondary levels.)

~~[All-level-certification-is-available-in-the-field-of-music-Student-must-complete-a-minimum-of-48-semester-hours-in-music-plus-18-hours-of-professional-development-in-education]~~

Student Teaching

4. Amend "Student Teaching" as follows:

(The 18 hour Professional Education requirement in each of the options above must include 6 hours of Student Teaching.)

Students must apply for admission to student teaching with the Director of Student Teaching within one week after the first day of classes of the semester before they enroll in the supervised teaching course, i.e., in order to teach in the Fall they must seek admission in the previous January, and in order to teach in the Spring they must seek admission in the previous September. ~~[at-the-beginning of-the-semester-before-they-enroll-in-the-supervised-student-teaching course]~~ Student may be admitted to student teaching when they have completed the following requirements:

1. Admission to the Teacher Education Program
2. Completion of 6 semester hours of Professional Education courses
3. Classification as seniors
4. Approval of faculty adviser and the Director of Field Experiences

Typical Program

5. Amend "Typical Program" as follows:

A typical program in Secondary Certification will include the following:

Lower Division Preparation	
Academic foundations prescribed	
English	12 semester hours
American History	6 semester hours
Texas & Federal Constitutions	6 semester hours
From two (Mathematics, Science, Foreign Language)	12 semester hours
Institutional prerequisites	
Psychology (may include a course in child or human development)	3 semester hours

Lower Division prerequisites for entrance to selected specialization areas	Consult program office
*Community Service	
Academic Specialization	
Secondary Plan I	
24 hours in first teaching field (plus additional upper level courses to achieve a 36 hour major for the bachelor's degree) and 24 hours in second and related teaching field	
Electives	6 semester hours
Professional Development	
Professional Education, junior level and above	12 semester hours
Student Teaching	6 semester hours

Programs of study leading to other categories of certification
may be formulated with assistance from the Office of Teacher Education.

*The student working for Teacher Certification must present evidence of working with children and/or adolescents in a variety of settings. Students are encouraged to accomplish this experience in the first two years of college in order to test their desire and ability to work with children and young people.

Professional Education Courses

6. Amend "Professional Educational Courses" as follows:

[~~ED-3337--Effective-Teacher-Communication--(3-semester-hours)
Training-in-communicating-effectively-with-parents,-colleagues,
principals,-and-students.--(Same-as-PSY-3337)~~]

[~~ED-3342--Cognitive-Psychology--(3-semester-hours)
Theory-and-research-on-learning,-thinking,-psycholinguistics,
and-memory.--(Same-as-PSY-3361)~~]

[~~ED-3367--Curriculum-and-Instruction-in-the-Visual-Arts
(3-semester-hours)
The-student-will-be-given-the-opportunity-to-demonstrate-a-level-of
competence-in-one-or-more-of-the-studio-arts-that-will-be-conducive
to-the-role-of-the-art-teacher-in-the-secondary-school.--The-course
will-also-provide-opportunity-to-relate-such-areas-as-art-history-and
aesthetics-to-a-perception-of-art-and-design-to-the-end-that-the
student-will-be-competent-to-share-with-others-a-valid-appreciation-of
art-as-expression~~]

ED 4380 Curriculum and Instruction in Elementary and Secondary School
Music - Vocal (3 semester hours)
Methods and materials for the choral programs, from elementary
school through the secondary school music program. Laboratory experience
in teaching songs, rhythms, music listening and sight reading. Study of
curriculum guides and materials. [~~(Same-as-MUS-4380.)--Methods-and--~~
materials-for-elementary-school-music-programs,-Laboratory-experience-in
teaching-songs,-rhythms,-music-listening,-and-sight-reading.]

ED 4381 Curriculum and Instruction in Elementary and Secondary School Music - Instrumental (3 semester hours)

Methods and materials for teaching and organizing instrumental ensembles at the elementary and secondary levels. Methods and materials in Keyboard and Instrumental pedagogy are included in this category.

Study of curriculum guides and materials [~~(Same as MUS-4381.)~~
~~Techniques and materials for the general music program in the secondary school. -- Methods for teaching music as one of the humanities]~~

[ED-4315--Education and Social Change in North America-I
(3-semester-hours)

~~A study of the social aspects of education; development of institutions for mass schooling; social reform and education; education of blacks and immigrants; social changes and educational development; patterns of school attendance and other related themes. An intensive course in reading and research.]~~

[ED-4316--Education and Social Change in North America-II
(3-semester-hours)

~~Continuation of themes studied in the first half of the course. Individual and group research reports. -- New trends of analysis; new methods and new interpretations from a comparative perspective. Prerequisite: -- Education and Social Change in North America-I]~~

INTERDISCIPLINARY STUDIES

College Interdisciplinary Seminars

1. Amend "College Interdisciplinary Seminars" as follows:

College I (Natural Sciences and Mathematics)

IS 4181-4681 Special Interdisciplinary Topics in the Natural Sciences and Mathematics (1-6 semester hours) (May be repeated for credit)

College II (Human Development)

IS 4182-4682 Special Interdisciplinary Topics in Human Development (1-6 semester hours) (May be repeated for credit)

Colleges III - IV (Business and Public Administration)

IS 4183-4683 Special Interdisciplinary Topics in Business and Public Administration (1-6 semester hours) (May be repeated for credit)

Colleges V - VI (Social Sciences)

IS 4185-4685 Special Interdisciplinary Topics in the Social Sciences (1-6 semester hours) (May be repeated for credit)

Periodically the School of Social Science will offer special I.S. Seminars which will deal with topics of contemporary interest. Generally these seminars will not be repeated.

~~[IS-4340--Film-as-Human-Document--(3-semester-hours)~~

~~A-survey-of-the-use-of-film-in-the-Arts,-Humanities,-and-Social Sciences-for-interpreting-and-documenting-the-human-condition.--Topics-for-study-include:--Historical-overview;-techniques-of-ethnographic, historical-and-propaganda-filmmaking;-identification-of-major-cultural themes-from-anthropological-and-literary-sources.]~~

~~[IS-4341--The-Human-Condition-in-American-Culture--(3-semester-hours)~~

~~An-interdisciplinary-evaluation-of-contemporary-American-culture. College-V-Faculty-will,-from-each-of-their-own-disciplines'-perspective, address-themselves-to-the-human-condition-in-American-culture.--The course-will-be-organized-around-specific-problems-rather-than-one-of overall-theme.--The-aim-is-to-improve-students'-ability-to-conceptualize problems-and-to-formulate-meaningful-questions-regarding-their-own culture]~~

IS 4186-4686 Social Science Seminar (1-6 semester hours) (May be repeated for credit.)

The Social Science Seminar will allow an interdisciplinary faculty team to consider a common intellectual problem. Subjects and instructors will vary.

IS 4345 Public Policy, Ethics and the Aging Society (3 semester hours)

This course brings together the views of social ethicists, social scientists, biomedical scientists and policy makers in exploration of selected policy issues of the aged.

IS 4348 The Family in History (3 semester hours)

An introduction to the changing roles, functions, and structures of the family during modern western history. Through a topical analysis the seminar will focus on the interaction of the family and social change, and will consider various theoretical and conceptual approaches to historical family analysis. Innovative research techniques, multidisciplinary perspectives, and a comparative thrust will be keynotes of the course. Finally, students will be given an opportunity to apply the concepts of the course in individual research projects.

College X (Aesthetic Studies)

IS 4187-4687 Special Interdisciplinary Topics in Aesthetic Studies (1-6 semester hours) (May be repeated for credit.)

[IS-4302--The-Mask-in-Art-and-Society--(3-semester-hours)

A-study-of-the-mask-as-an-adornment,-a-symbol,-and-an-instrument of-psychic-transformation---By-combining-the-disciplines-of anthropology-and-theater,-this-course-will-explore-the-uses-of-the mask-in-religious-and-theatrical-ritual]

IS 4303 The Dehumanization of Art: 20th Century Painting and Literature (3 semester hours)

In the 20th century, many artists turn away from the idea of art as a transparent medium used to portray "reality" and refocus on the nature of the medium itself. This course will investigate the formal characteristics as well as the sociological consequences and the psychological motivations of these innovations, the isms of the recent past.

IS 4304 The American Family: Image and Reality (3 semester hours)

An investigation of the image of the family in American literature, theater, and other arts set against the perspectives on the family offered by history and social psychology.

IS 4305 The Aesthetic Phenomenon (3 semester hours)

A broad inquiry into the nature, functions, and experience of the work of art. Close attention will be paid to the material, psychophysical and cultural components of the aesthetic experience. Through the carefully orchestrated points of view of the interdisciplinary faculty we will expand the understanding of the phenomena of art whose incorporation into our lives will point toward individual integration and richness.

College VIII (Arts and Humanities)

IS 4188-4688 Special Interdisciplinary Topics in the Arts and Humanities (1-6 semester hours) (May be repeated for credit)

IS 4315 School and Society: Past and Present (3 semester hours)

This seminar will combine an approach to the sociology of education with the history of schooling within a western and U.S. framework. Its primary concern will be the delineation of the relationship between the school and the culture and social structure and with their changes over time. Alternative conceptions of education and social change form the theoretical basis of the course; and discussion of the varying interpretations (functionalist, conflict, assimilationist, integrative, etc.) and their historical appropriateness will integrate our inquiries.

IS 4316 Growing Up in the Past (3 semester hours)

This seminar will focus on childhood and adolescence in history, providing a chronological and cross-cultural introduction to the processes of 'coming of age'. Beginning with growing up in traditional society, the seminar will examine the relationship of social change, modernization, and industrialization to socialization. The changing roles of family and external institutions will be stressed, as will differences between societies, regions, classes, and ethnic groups.

College IX (General Studies)

IS 4189-4689 Special Interdisciplinary Topics in the College of General Studies (1-6 semester hours) (May be repeated for credit.)

College Interdisciplinary Courses

2. Amend "College Interdisciplinary Courses" as follows:

College I (Natural Sciences and Mathematics)

IS 3181-3681 Interdisciplinary Study in the Natural Sciences and Mathematics (1-6 semester hours) (May be repeated for credit.)

~~[IS-3360--Physics-and-Man*--(3-semester-hours)~~

~~The-course-is-centered-around-problems-of-contemporary-society which-have-important-bases-in-science-and-technology]~~

IS 3363 Geology and Man (3 semester hours)

Economic and quality of life significance of earth resources; environmental implications of their use and depletion; land usage and consequences of interference with geological processes. Field trip.

IS 3364 The Phenomenon of Life (3 semester hours)

Historical survey of concepts of the nature of life and living things. Outline of the essential ideas of modern biology, particularly at the molecular level. Use of both historical and modern knowledge in attempts to evaluate philosophical views of the nature of man, particularly those arising from considerations of the origin and evolution of life.

IS 3365 Genes, Viruses, and Man (3 semester hours)

A review of recent developments in biology and medicine that are likely to have a major impact on society and are thus of concern to scientist and non-scientist alike. The review will present the scientific background on which rest the principles, potentials, and limitations of such issues as: tissue transplantation and immunity, genetic engineering, viruses, mutations and the origins of cancer, and the ecology of the biosphere.

IS 3366 Understanding the Earth (3 semester hours)

Volcanism and earthquakes; composition and layering of the earth; age of the earth; formation of mountain ranges and basics of mineralogy, petrology, and structural geology. Field trip.

IS 3367 The Oceans (3 semester hours)

Physical, chemical, and geological oceanography. History of oceanographic studies; chemistry of oceans and the history of seawater; ocean basin evolution; composition of the ocean floor; origin and distribution of economic deposits in the ocean; results of ocean floor drilling.

IS 3368 Controlling the Weather (3 semester hours)

Introduction to synoptic meteorology; forecasting, man's effect on the weather; weather modification; hail suppression, rain-making, legal implications; air pollution, the pollutants, dispersions, effects on man; the regulations; severe weather, tornadoes, hurricanes, clear air turbulence; future possibilities in meteorological sciences, man-made mountains, man-made oceans.

IS 3369 Astronomy and Man (3 semester hours)

An essentially descriptive course which attempts to give the students an appreciation of man's place in the universe. The bases and ideas of Astrology are contrasted with those of astronomy in order to illustrate the use of scientific method, the nature of determinism, and the meaning of free will. The origin of planets; the probability of the development of life and intelligence on planets; and the possibility for communicating with intelligent life in our galaxy.

IS 3371 The Physical Phenomena of Nature (3 semester hours)

The object of this course is to give students some understanding of the physical realities of the world in which they are living. It is centered around vivid demonstrations of elementary natural phenomena. It makes use of essentially simple apparatus, avoiding as far as possible all technological complexity. This course is elementary, in the sense that it assumes no prior exposure to the natural sciences; but students of physics will benefit from the directness and simplicity of its approach, and from its concentration on observable physical reality.

College II (Human Development)

IS 3182-3682 Interdisciplinary Study in Human Development (1-6 semester hours) (May be repeated for credit.)

[IS-3351--The-Impact-of-Literacy--(3-semester-hours)

A-comparison-of-literate-and-non-literate-cultures-from-the perspective-of-the-anthropologist,-philosopher,-and-cultural-historian. This-course-will-investigate-the-significance-of-literacy-and-what-it means-to-be-a-member-of-a-society-in-which-literacy-is-regarded-as normative]

[IS-3353--Forms-and-Meanings-of-Folklore--(3-semester-hours)

An-examination-of-some-of-the-major-forms-of-folklore,-including myths,-legends,-folktales,-riddles,-jokes,-superstitions,-proverbs, and-games-with-particular-emphasis-on-their-psychological-and-cultural significance]

IS 3354 Psychohistory: An Inquiry [Investigation] (3 semester hours)

Selected case studies of individuals and groups; historical processes studied and analyzed through application of clinical or other contemporary psychological theories. Topics vary according to the study of different eras, problems, or events in psychohistorical perspective. [An-interpretation-and-analysis-of-the-individual-and collective-psychological-dilemmas-of-society-as-viewed-through-the experience-of-Germany-during-the-Third-Reich.--Emphasis-will-be-given to-clinical-and-other-contemporary-psychological-approaches-to collective-behavior]

IS 3355 Language Development and Usage (3 semester hours)

The course covers the phonological, syntactic, and semantic aspects of child language and is designed for all who work with children. It provides a broad overview of the philosophical aspects of child language which should be of practical interest to students in regular and special education, psychology, English, linguistics, sociology, philosophy, communication disorders, and anthropology.

Colleges III - IV (Business and Public Administration)

IS 3183-3683 Interdisciplinary Study in Business and Public Administration (1-6 semester hours) (May be repeated for credit.)

IS 3321 Values in American Life: Societal, Personal, Corporate (3 semester hours)

Examination of what scholars from various disciplines (anthropology, history, sociology) have said are values typical of contemporary American middle class society; how values are transmitted from generation to generation; the extent to which personal values are changeable and how social psychologists have attempted to measure the values of the individual; ways in which corporate values have been conceptualized by various analysts.

[IS-3323--Computers+--Their-Changing-Technology-and-Impact-Upon Organizations*--(3-semester-hours)

The-course-includes+--Advances-in-telecommunications-delivery, basic-hardware,-logic-and-miniaturization,-and-distributed-processing. The-impact-of-these-developments-on-backing,-retain-business,-and health-care]

2104

Colleges V - VI (Social Sciences)

IS 3185-3685 Interdisciplinary Study in Social Sciences
(1-6 semester hours) (May be repeated for credit.)

IS 3337 Latin America (3 semester hours)

The intent of this course is to convey the diversity which exists within Latin America from "primitive" headshrinking tribes to modern cities and nations containing multinational corporations, slums, skyscrapers and pollution. The different aspects of Latin America and their development will be analyzed using materials from anthropology, sociology, economics, literature and film. The lectures will be supplemented by guest lecturers who have some particular expertise on Latin America. The students are not merely expected to learn a series of "cultural traits of Latin America." Rather, they will explore the interrelationships among aspects of Latin American culture and society.

IS 3338 Law and Legal Environment (3 semester hours)

Introduction to law and the legal process. An interdisciplinary approach is taken to explain the complexities and problems of the American legal environment. Emphasis is placed on the interrelationship between law and society.

IS 3339 Inequality in America (3 semester hours)

This course examines a number of central problems associated with inequality-social status, poverty, who has political power, the effects of taxes, who benefits from government spending, the position of blacks and women, and what to do about welfare. Looking successively at inequalities in status, power and income, the course seeks to provide both a firm grounding in the facts and an introduction to the more important theories in the field.

IS 3341 The Role of Planned Change in Modern Society [The-Social Sciences-and-the-Development-of-Modern-Society] (3 semester hours)

This course will focus on attempts of human societies to anticipate and direct social change with reference to a plan or set of goals. The course will consider not simply the mechanics of social planning, but the broader social impacts of such planning. [An examination-of-the-processes-of-intellectual-and-social-change-and-the role-of-theories-of-society-in-the-formation-of-the-modern-world. Examples-will-be-drawn-from-both-cultural/social-philosophy-and analytical-social-history]

IS 3344 The Political Economy of Texas (3 semester hours)

A study of the demographics, institutions, politics, and economics of the State of Texas with the objective of developing an understanding of the competing forces which determine public policy outcomes toward business, government, labor, consumers, and other interest groups. The economic and political influence of the State of Texas upon the rest of the U.S., and vice versa, is also explored. Independent study in various topics such as industrial structure, state and local government, taxation, labor problems, and energy will be encouraged. (Fulfills one-half of the legislative requirement of six hours of American government.)

[IS-3342--Anthropology-and-the-Arts--(3-semester-hours)]

A-broadly-based-inquiry-into-the-definition-of-a-truly-anthropological study-of-the-work-of-art;-its-cultural-structure;-functions;-and-dynamics]

IS 3345 The City: International and Interdisciplinary Perspectives
[in-History] (3 semester hours)

A general introduction to the study of the city. Various perspectives including those of anthropology, economics, history, environmental psychology, political science, sociology, comparative literature and the cinema will be explored. [Examines-the-development-of-the-city-through-time---It-will-attempt-to-supply-an-overview-of-the-variety-of-forms-which-urbanization-assumes---Special-emphasis-will-be-on-the-political-impacts-of-urbanization]

College X (Aesthetic Studies)

IS 3187-3687 Interdisciplinary Study in Aesthetics (1-6 semester hours) (May be repeated for credit.)

IS 3300 Film as Reflection of Society [+German-and-Soviet-Cinema, 1917-1940] (3 semester hours)

Studies the cinema in its historical, economic, propagandistic, and symbolic relationship to society. Topics vary according to studying films in different eras and nations. [An-analysis-of-the-artistic,-political,-and-economic-significance-of-cinema-as-a-reflection-of-popular-culture.]

IS 3301 Ethnomusicology and the Interdisciplinary Study of Music
(3 semester hours)

The cross-cultural study of music from an interdisciplinary viewpoint. Disciplines that will be brought to bear on this course include musicology, ethnomusicology, anthropology, social psychology, linguistics and experimental psychology. The first portion of the course will be an introduction to the cross-cultural study of music; the second part will be the study of special topics in music from an interdisciplinary perspective.

~~[IS-3302--Business-and-the-Businessman-in-America--(3-semester-hours)~~

~~This-course-would-treat-historically-(from-the-Civil-War-to-the-present-day)-the-role-of-business-and-the-businessman-in-American-culture---Topics-will-include--The-"robber-barons"-and-the-rise-of-large-business-corporations-in-the-late-19th-century;-business-and-public-policy,-including-national-movements-for-business-reform-in-the-Progressive-and-New-Deal-periods,-the-image-of-the-businessman-in-American-culture;-the-fundamental-attachment-of-most-Americans-to-the-business-culture-and-the-distaste-many-intellecutuals-hold-for-it;-business-and-American-foreign-relations.]~~

IS 3303 Literature and Sociology (3 semester hours)

Examination of sociological theories of literature and of literary modes of the analysis of society. Readings in Tocqueville, Taine, Leavis, Lowenthal and post-war fiction (Golding, Waugh, Davies, Leguin). Critical analysis of such key terms as patronage, ideology, audience, and mass culture.

IS 3304 Autobiography as Art and as Truth (3 semester hours)

A reading of several Western autobiographies and of selections on the theory of autobiography within the complementary frameworks of aesthetic theory, cultural history, and literary criticism. Emphasis on a philosophical analysis of the writer's effort to marry art and truth, or poetry and truth, in the single form of the self-narrated, individual life-history as a work of art and as historical document.

IS 3305 Modern Abstract Theatre Workshop (3 semester hours)

In tribal societies the symbols and images of the "collective consciousness" evoke, during ceremony and ritual, a collective experience of the sacred. This course seeks to explore, within the framework of contemporary theatre, the residual and the newly-arising elements of today's "mythic reality" by drawing on anthropology, the visual and plastic arts, the sociology of group process, dance, and the tradition of the theatre itself. Development of stylized symbols and images in gesture; bodily posture; sound; masks; and puppets, along with sequences and patterns for their presentation.

College VIII (Arts and Humanities)

IS 3188-3688 Interdisciplinary Study in the Arts and Humanities (1-6 semester hours) (May be repeated for credit.)

~~[IS-3312--The-Sociological-Imagination-in-Modern-Literature (3-semester-hours)~~

~~This-course-will-deal-with-novels,-plays,-and-short-stories which-concern-themselves-in-a-direct-fashion-with-important-social problems---It-will-examine-from-a-literary-perspective-major-trends in-Western-European-and-American-societies-from-1890-to-the-present. Literature-will-be-treated-as-a-source-of-sociological-knowledge]~~

College IX (General Studies)

IS 3189-3689 Interdisciplinary Study in the College of General Studies (1-6 semester hours) (May be repeated for credit.)

IS 3330 Venus to Vampire: A History of Images of Women (3 semester hours)

Starting with the Greeks, this course will explore the female as a constant source of inspiration and vehicle of expression during the major periods of western art up to the present time. Emphasis will be on the social and philosophical context in which these images were created and on the persistence and change of types of images from period to period.

IS 3331 The Status of Women in American Society (3 semester hours)

The bases of sex roles. Trends and patterns in women's family roles, education, employment, and occupational position. The ideology of the women's movement.

PHYSICAL INSTRUCTION

. Amend "PHYSICAL INSTRUCTION" as follows:

The UT-Dallas program in physical instruction is designed to provide experiences in a variety of sport, dance, exercise, and recreational activities. The courses are designed to offer opportunity for physical exercise, increase skill level in specific activities, and as a source of recreation and enjoyment. The program is designed to meet student needs and interests, is voluntary, and is coeducational. Students may repeat any of the courses for credit for a maximum of three credit hours. The emphasis of the program is in the lifetime sports areas. Courses in Physical Instruction may not be applied toward fulfillment of the University's 60-hour upper level requirement.

HYS INST 3105 Beginning Archery (1 semester hour)

An introduction to the basic shooting techniques and the equipment required.

HYS INST 3154 Hatha Yoga, Intermediate (1 semester hour)

Class designed for students who have completed beginning yoga and wish learn more advanced variations of asanas, as well as breathing and relaxation techniques.

HYS INST 3201 Recreation for the Handicapped (1 semester hour)

A course designed to provide the handicapped student with adapted sports and recreational activities. Instruction will vary according to individual needs.

HYS INST 4150 Soccer (1 semester hour)

Skill instruction in the basic fundamentals and style of playing. Emphasis on techniques, conditioning, and play patterns.

THE UNIVERSITY OF TEXAS AT DALLAS

Amendments to the Graduate Catalogue.

GRADUATE PROGRAMS

1. Amend last sentence in section, GRADUATE PROGRAMS, as follows:

Approval of the following programs is pending at the Coordinating Board, Texas College and University System:

Applied Chemistry (Ph.D.)
Human Development (Ph.D.)
Special Education (Ph.D.)
American Studies (M.A.)

1. Amend the section, TEACHER PREPARATION AND PROFESSIONAL DEVELOPMENT, as follows:

The University of Texas at Dallas offers opportunity for graduate study as a means of professional development, and as a means for achieving certification or additional certificate endorsements in selected fields for teachers and other school personnel. These opportunities are offered in response to identified needs of professional school people in the North Texas area.

The Master of Arts in Teaching degree is one of subject matter orientation, and is aimed at developing a master teacher whose competence in the discipline is enhanced by the ability to create a learning environment in the classroom. The degree is designed to fulfill requirements for the Professional Teaching Certificate*while earning the M.A.T. The Master of Science in Special Education is also designed to achieve Professional Certification*. The Master of Science in Management and Administrative Sciences with an education option includes appropriate graduate study for managers in educational settings and may, with some additional work, lead to the Administrator (Mid-Management) Certificate.

All students enrolling for the M.A.T. or the M.S. degrees listed above should seek counsel in the Office of Teacher Education early in their graduate matriculation.

* Professional Teacher Certificates require the applicant to hold or be eligible for the Provisional Certificate (before admission to the program) and to have had three years of teaching experience prior to being recommended for the Professional Certificate.

~~[Special opportunities for teacher preparation and for the professional development of teachers are offered by the University of Texas at Dallas. These opportunities are designed in response to identified needs in the field and are built upon special strengths of the University. The degree of Master of Arts in Teaching (M.A.T.) is one which emphasizes subject matter orientation. Its aim is to develop the master teacher whose competence in single or interdisciplinary areas is enhanced by the ability to encourage an environment and attitude conducive to learning. At present, this degree is offered in Mathematical Sciences, Science Education, Human Development, and Humanities. The M.A.T. will be offered in other areas in the future. In addition, a program leading to the Master of Science degree (M.S.) is offered in Special Education for teacher preparation in that field. Other post-baccalaureate programs in Special Education are 1) Language/Learning Disabilities Endorsement on a Provisional Certificate and 2) Generic Special Education Endorsement on a Provisional Certificate. Prior to their first registration at UT Dallas, all M.A.T. students are encouraged to visit the Office of Teacher Education for additional information concerning professional teacher certification in support of their professional objectives. It is possible to fulfill requirements for the Professional Certificate concurrently with the earning of the M.A.T. In order to attain this combined objective, the candidate will take nine semester hours of professional education, including three semester hours in multi-cultural studies. The Professional Certificate~~

requires the applicant to hold or be eligible for the Provisional Certificate (before admission to the professional program) and to have had three years of teaching experience (prior to being recommended for the Professional Certificate).

This description is not intended to delimit the interests which the University has in teacher preparation. The planning of programs will continue to be sensitive to the needs of those confronted with both the challenge and the opportunity of teaching at all educational levels. For further information about teacher preparation and Professional Certification, consult the Bulletin as follows:

Human Development (M.A.T.)	71
Humanities (M.A.T.)	77
Mathematical Sciences (M.A.T.)	101
Science Education (M.A.T.)	125
Special Education (M.S.)	127
Special Education (Provisional Certificate Endorsements)	127]

EXPENSES AND FINANCIAL AIDS

3112

OTHER CHARGES

1. Add a section as follows:

*LATE REGISTRATION FEE

For late registration there shall be a compulsory fee of \$1.00 per class day not to exceed \$5.00. This fee is not refundable.

2. Add a section as follows:

*DISSERTATION FEE

There is a required fee of \$31.00 for microfilming doctoral dissertations and recording them with Dissertation Abstracts International.

3. Amend the section, GRADUATION FEE, as follows:

Each degree candidate pays a \$6.00 diploma fee which is non-refundable.

Each degree candidate wishing to participate in formal graduation ceremonies must obtain the proper regalia through the UTD Bookstore on a rental or purchase basis.

~~[A fee of \$8.00 is charged for cap and gown rental and each degree candidate pays a \$6.00 diploma fee. These fees are non-refundable.]~~

4. Amend the section, TRANSCRIPT FEE, as follows:

The fee for each official transcript is \$2.00 [~~\$1.00~~]*. No partial or incomplete transcript or copies of documents from other universities will be issued. Where copies of transcripts from other institutions that are on file in the Registrar's Office are requested, the fee for each institutional copy will be \$2.00; these copies will carry the notation that they are copies of records in the UT-Dallas Records File. [See "Transcripts" entry under Admission to the Graduate Program for information regarding alteration of records.]

*This change is being considered by the Board of Regents as an agenda item. The fee structure will be conformed to comport with the action of the Board of Regents.

GENERAL ACADEMIC REGULATIONS

ADMISSION TO THE GRADUATE PROGRAMS

0210

1. Add a section as follows:

SPECIAL STUDENTS

A Special Student is a college graduate who does not intend to seek a degree and does not enroll for more than six hours of graduate credit in one semester. Not more than fifteen hours of such course work credit may be transferred to any degree Program at UT-D; acceptance of any of these hours is at the discretion of the Dean of the School into which the student wishes to be accepted.

2. Add a section as follows:

REGISTRATION

Students must be registered for any session during which they are taking courses, or taking required examinations, or receiving guidance in preparation of a thesis or dissertation, or at the end of which (session) they expect to graduate.

3. Amend the section, COURSE LOAD, as follows:

The normal course load for a graduate student during the long session is twelve (12) semester hours. The minimum course load for a graduate student to be considered full time during the long session is nine (9) semester hours; the maximum is fifteen (15) semester hours. The normal course load for a graduate student during the Summer session is nine (9) [ten-(10)] semester hours. The minimum course load for a graduate student to be considered full time during the Summer session is six (6) hours; the maximum is twelve (12) semester hours.

4. Add a sentence to the section, TRANSFER OF CREDIT, as follows:

In any case, all students must take at least 18 semester hours at The University of Texas at Dallas in order to qualify for a University of Texas at Dallas degree.

5. Add a section as follows:

REPEAT OF COURSE WORK

Courses may be repeated when a student wishes to improve a grade. The earlier grade will remain in the student's record and will be included in any transcript and is used in computing grade-point average.

6. Add a section as follows:

UNDERGRADUATE REGISTRATION FOR GRADUATE COURSES

Advanced undergraduates may take graduate courses in the 5000 series. This is restricted to six (6) hours, which can only be taken during the

last twelve hours of work for the baccalaureate degree (the within-twelve-hour restriction is specified by the Coordinating Board). The credit earned in taking such graduate courses may be counted as either graduate credit or undergraduate credit, but not both, and it must be declared at the time of registration which credit is desired. Permission of the instructor to enroll in the course is also required.

GRADUATE DEGREE REQUIREMENTS

1. Add two paragraphs as follows:

The student is responsible for fulfilling degree requirements and enrolling for courses that fit into his degree program. He is likewise responsible for awareness of the University regulations with regard to the standard of work required for continuance in the Graduate Program. For a complete list of requirements for a particular degree, the general requirements are given below and the special requirements are listed under the specific Program to which he is admitted.

The minimum University requirement for a Master's degree is 33 semester hours graduate-level credit, but most Programs require more. The minimum University requirement for the doctoral degree is 90 semester hours graduate-level credit, again Program requirements frequently exceed this limit. A grade-point average of 3.0 for all work taken while in graduate status at UT-D is required for graduation. (If a graduate student enrolls in undergraduate courses, the grade-point average requirement must be satisfied separately for all courses taken while in graduate status at UT-D and for all graduate-level courses.)

GRADUATE PROGRAM IN BIOLOGY

BIOLOGY COURSE DESCRIPTIONS

1. In the section, COLLATERAL COURSES, delete a course as follows:

[5552] [~~Methods-in-Molecular-Biology-III-(5-semester-hours)---Staff
Biological-experiments-in-molecular-biology---Individual
laboratory-instruction,-demonstration-and-lectures---(2-6)
P-F-grading]~~

2. In the section, SPECIAL ELECTIVES, add and delete courses as follows:

BIO 6321 Procaryote Virology

A survey of procaryote viruses and their hosts. The emphasis is on a small number of bacterial viruses which are extensively used in modern biological research: the physical structure of their genetic material, regulation of gene activities, replication, maturation, and assembly. (3-0)

[6424] [~~Fungal-Genetics-(4-semester-hours)-----Staff
Genetics-of-Ascomycetes-and-Basidiomycetes,-including
cytoplasmic-inheritance,-genetics-of-development---(P-F
grading)-(May-be-repeated-for-credit)-(2-4)]~~

3. In the section, TOPICS IN CELL BIOLOGY, delete a course as follows:

[6444] [~~Developmental-Biology-(4-semester-hours)-----Staff
Cellular-differentiation-in-protzoa-and-multicellular
organisms---Regulation-of-macromolecular-synthesis-during
early-cleavage---Selected-examples-of-developmental-pro-
cesses-in-plants-(e.g.,-phytohormones,-response-to-external
factors,-phytochrome-systems,-internal-growth-rhythms)-
(4-0)]~~

GRADUATE PROGRAM IN CHEMISTRY

SPECIFIC DEGREE REQUIREMENTS

1. In the section, MASTER OF SCIENCE, amend as follows:

The Master of Science degree will be awarded after the successful completion of thirty-six (36) semester hours of graduate course work, as specified below:

(1) All M.S. students in Chemistry are expected to demonstrate fundamental knowledge of lecture and laboratory skills by successfully completing the following courses: CHM 5431, Advanced Organic Chemistry; CHM 5341, Advanced Inorganic Chemistry; CHM 5415, Advanced Physical Chemistry; CHM 5352, Spectrometric Identification of Compounds; CHM 7451, Laboratory Techniques in Organic Chemistry (or CHM 7461, Laboratory Techniques in Biological Chemistry). Well prepared students may request waiver of portions of these requirements.

(2) The remaining semester hours requirement may be satisfied in one of two ways:

(a) presentation and defense of a written Master's thesis, plus additional elective courses. A Supervising Committee will be appointed to guide the student's thesis work and to assess the completed thesis.

(b) completion of an internship at an industrial or government laboratory, plus additional elective courses. A Supervising Committee must approve such an internship in advance, and will assess it upon completion.

~~[All M.S. students in Chemistry are expected to demonstrate fundamental knowledge of lecture and laboratory skills by successfully completing the following courses: CHM 5431, Advanced Organic Chemistry; CHM 5341, Advanced Inorganic Chemistry; CHM 5415, Advanced Physical Chemistry; CHM 5352, Advanced Analytical Chemistry; CHM 7451, Laboratory Techniques in Analytical Chemistry; and CHM 7431, Laboratory Techniques in Organic Chemistry (or CHM 7461, Laboratory Techniques in Biological Chemistry). Well prepared students may request waiver of portions of these requirements. In addition, a student must complete 17 hours of further graduate coursework and present and defend a written thesis. A Supervising Committee will be appointed to guide the student thesis work and to assess the completed thesis.]~~

2. In the section, DOCTOR OF PHILOSOPHY, amend as follows:

The Chemistry faculty participates actively in the supervision of research by Ph.D. students in Biology, Environmental Sciences, and Physics. A student may, after satisfying the core requirements of one of these programs, develop a research project with a member of the Chemistry faculty as his major professor. Such joint projects, in general, require prior approval by the student's home program.

Admission to these Ph.D. programs can be obtained directly upon entrance to the University, or after acquiring a Master of Science degree in Chemistry.

Doctor of Philosophy [Chemical-Physics]

~~[The Chemical-Physics Program is a course of study leading to the Ph.D. in Physics, with a selection of courses chosen mainly from Physics and Chemistry Program offerings, and a dissertation under a faculty member in either the Chemistry or Physics Programs. A wide range of flexible options is available to physical chemists in this program. The specific degree requirements include, in addition to the general institutional requirements, completion of a Physics core (PHY-5400, -5401, -5313, and -5421); a set of elective courses to be arranged by the student and his advisers (typically to include courses such as CHM-5312, -5314, -5332, -6322, and PHY-5402, -6400, -6351, -6352, -6353, and -6354 and all other general requirements for a Ph.D. in Physics.]~~

~~Admission to the Chemical-Physics Program can be obtained either directly upon entrance to the University, or after acquiring a Master-of-Science degree in Chemistry.]~~

3. In the section, CHEMISTRY COURSE DESCRIPTIONS, delete and add courses as follows:

[5300] ~~[Organic Chemistry (3 semester hours)-----Werbin
Chemical Bonding, stereochemistry, physical properties,
reactions, and mechanism. Characterization by spectroscopic
techniques. Primarily for Biology graduate students. (3-0)]~~

CHM 5382 Chemical Instrumentation

An introduction to basic chemical laboratory instruments, including ultraviolet, visible and infrared spectrophotometers, gas chromatographs and nuclear magnetic resonance spectrometers. Includes both lecture and laboratory practice. (May not be counted as credit toward the M.S. degree in Chemistry.) (2-1)

CHM 5384 Special Topics in Chemistry/M.A.T.

Various special topics in Chemistry of interest to teachers will be discussed. May be repeated for credit. (May not be counted as credit toward the M.S. degree in Chemistry.) (3-0)

CHM 5431 Advanced Organic Chemistry

Modern concepts of bonding and structure in covalent compounds. Static and dynamic stereochemistry and methods for study. A survey of the relationships between structure and reactivity. (4-0)

CHM 6190 Seminar

Presentations of current work by faculty and outside speakers. (May be repeated.) (1-0)

~~[6319] [Special Topics in Theoretical Chemistry (3 semester hours)~~

~~Subject matter will vary and the course may be repeated for credit. Examples of topics include inelastic scattering in ion-atom collisions, theoretical calculation of molecular potential curves, semi-classical methods in inelastic scattering theory. Prerequisite: CHM-5415, strongly recommended: CHM-6322. (3-0)]~~

CHM 8971 Chemistry Internship

Available for students who choose internship with chemical industries or agencies. Requires prior approval by Supervising Committee, which may also require reports and/or seminars.

GRADUATE PROGRAM IN COMMUNICATION DISORDERS

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COMMUNICATION DISORDERS COURSE DESCRIPTIONS

1. In the section, SPEECH SCIENCE, SPEECH PATHOLOGY, AND LANGUAGE, add courses as follows:

COMD 6328 Disorders of Stuttering

A comprehensive study of the etiology, symptomatology, diagnosis, and treatment of stuttering behavior, with emphasis on recent research concerning theories of stuttering and techniques of treatment. (3-0)

COMD 6129-6329 Instrumentation for Speech and Language

Operating principles of the sound spectrograph, speech synthesizer and other clinical and laboratory equipment. (1-0 to 3-0)

COMD 7363 Disorders of Voice

Advanced study of the normal and pathological vocal mechanisms. Research techniques employed to investigate and analyze laryngeal function, including administration of laryngeal examinations and therapeutic techniques. Medical management, personal and social problems, and speech rehabilitation of the laryngectomized patient. Prerequisite: SPAU 3340 or consent of instructor. (3-0)

COMD 7372 Speech Perception

A survey of contemporary theories and research issues in speech perception. Includes topics such as: categorical perception and "innate" mechanisms for speech perception; the motor theory; distinctive feature systems; dichotic listening and central auditory processing of speech; the use of speech synthesis in the study of perception. Prerequisite: COMD 6305 or consent of instructor. (3-0)

- In the section, HEARING SCIENCE AND AUDIOLOGY, add courses as follows:

COMD 6116-6316 Instrumentation for Audiology and Hearing Science

Operating principles of hearing aids, auditory training equipment, audiometers, and sound measuring and other laboratory equipment. (1-0 to 3-0)

COMD 6134 Anatomy and Physiology of Audition

Structure and function of the neural pathways underlying audition. Emphasis on both peripheral and central mechanisms and including study of human evoked responses and auditory psychophysics. (3-0)

COMD 7318 Audiological Considerations of Special Populations

Etiological, medical, legal, and genetic considerations relevant to exceptional populations including: infants, deaf-blind and retarded children, and the aged. Prerequisite: COMD 6304. (3-0)

COMD 7337 Sensory Receptors

In-depth study of the neuroanatomical, neurophysiological, and neurodevelopmental aspects of sensory systems. Emphasis on single unit and evoked potential studies, and the relationship between electrophysiological and behavioral studies of sensory processes. Prerequisite: COMD 7343 or consent of instructor. (3-0)

COMD 7348 Psychology of Hearing

Basic psychological phenomena and processes in hearing.
Prerequisite: COMD 6304, 6314 or consent of instructor.
(3-0)

COMD 7380 Anatomy and Physiology of Auditory Brain Mechanisms

Detailed survey of fundamental neuroanatomical and
neurophysiological principles of the auditory system.
Electrical activity of central nervous system and stimulus
processing by single neurons and networks of neurons in the
brain. Prerequisite: consent of instructor. (3-0)

3. In the section, BEHAVIORAL, BIOLOGICAL, AND MEDICAL ASPECTS OF COMMUNICATION DISORDERS, add courses as follows:

COMD 6331 Introduction of Manual Communication

Survey of the languages used for manual communication.
Instruction in the fundamentals of Seeing Essential English
(SEE) and/or American Sign Language. (May be repeated for
credit.) (3-0)

COMD 7342 Neuroanatomy

Study of the central nervous system from spinal cord to
cortex with emphasis on organization of brain centers and
pathways. Demonstrations and student participation in
microscopic, macroscopic, and gross examination of human
and animal nervous systems. Prerequisite: consent of
instructor. (3-0)

COMD 7343 Brain Function

An overview of brain function. Emphasis on the neural
mechanisms underlying sensory processing and behavior.
Prerequisite: COMD 7342 or consent of instructor. (3-0)

COMD 7366 Principles in Neuropsychology

Neural mechanisms in learning, memory, attention and
perception. Consideration of both normal and pathological
functioning. Prerequisite: COMD 7343. (3-0)

COMD 7371 Cognition

A study of the development of cognitive function across
the life span. Emphasis on cognitive and language function-
ing in communicatively disordered persons. Piagetian
theory will be the focus with other frameworks contrasted
and compared. Prerequisite: consent of instructor. (3-0)

- In section, SUPPORT COURSES, add a course as follows:

COMD 6140-6340 Electronics for Communication Disorders

Simple d.c. and a.c. circuits. Consideration of
mechanical, acoustical, and electrical equivalents.
(1-0 to 3-0)

GRADUATE INSTRUCTION IN EDUCATION

Amend the section, OBJECTIVES, as follows:

The University of Texas at Dallas offers course work in education which complements the academic specialization of students seeking certain degrees at the University, and which may lead to Advanced Teacher Certification and which provides an avenue for professional development at the graduate level.

Degrees with which such education-related activities are designed to be integrated and which may lead to Professional Certification are listed below along with the numbers of the pages where the Programs are further described. The degree requirements in each case are 36 semester hours (45 in the case of the M.S. in Management and Administrative Sciences with the Administrator Certificate), including 9 hours of professional education for the M.A.T. and a specified multicultural component for the M.S. in Special Education.

Master of Arts in Teaching

<u>Subject Area</u>	<u>Professional Certificate</u>	<u>Page</u>
<u>Mathematical Sciences</u>	<u>Mathematics</u>	_____
<u>Science Education:</u>		
<u>Biology</u>	<u>Biology</u>	_____
<u>Chemistry</u>	<u>Chemistry</u>	_____
<u>Geosciences</u>	<u>Earth Sciences</u>	_____
<u>Physics</u>	<u>Physics</u>	_____
<u>Humanities:</u>		
<u>Aesthetic Studies</u>	<u>Music</u>	_____
<u>Comparative Literature</u>	<u>English</u>	_____
<u>History of Ideas</u>	<u>History</u>	_____
<u>Human Development</u>	<u>Psychology</u>	_____

Master of Science

<u>Subject Area</u>	<u>Professional Certificate</u>	<u>Page</u>
<u>Special Education</u>	<u>Generic Special Education</u>	_____
<u>Management and Administrative Sciences</u>	<u>Administrator Certificate (Mid-Management)</u>	_____

Professional Teacher Certificates require the applicant to hold or be eligible for the Provisional Certificate before admission to the program and have had three years of teaching experience prior to being recommended for the Professional Certificate.

Students who are interested in the Professional Certificate, the Mid-Management Administrator Certificate, or one of the special endorsement programs are advised to contact the Teacher Certification Officer at The University of Texas at Dallas.

[A sequence of graduate professional education courses has been developed which will complement the academic specialization of those students seeking the Master of Arts in Teaching Degree at The University of Texas at Dallas. The University does not offer a graduate degree in education, but rather offers those education related activities which promote professional development and may lead to advanced teacher certification.

Some of these professional education courses, such as the Seminar in Education and Psychology of Learning, are equally appropriate to any of the disciplines in which the student does his graduate work. They are designed to enhance understanding of the learning process and thus bring new insight to the role of the teacher. Certain other graduate professional education courses such as, for example, the Interdisciplinary Teaching of the Humanities, are more tightly focused upon specific academic areas.

Students who are interested in advanced certification in a teaching field, in professional career development, or in special endorsement programs are advised to consult the Teacher Certification Officer at The University of Texas at Dallas.

A description of the certification track on the M.A.T. degree and of the other options available for professional educators are discussed in an earlier portion of this Bulletin.]

In the section, EDUCATION COURSE DESCRIPTIONS, delete and add courses as follows:

[5333-Philosophy of Early Childhood Education-(3-semester-hours)
Analysis of a number of different kindergartens and nursery schools which reflect various educational philosophies.]

ED 5336 (HUD 5356) Variations in Kindergarten
Gives primary attention to various curricula and instructional procedures in early childhood education. Special attention will be placed upon open education, the Montessori Method, Piagetian approach to early childhood education, Project Follow Through, and language. (3-0)

ED 6312 Curriculum Organization
An overview of theories, principles, and issues in curriculum construction and selection in the contemporary school setting. Prerequisite: teaching or administrative experience. (3-0)

ED 6314 Designs for Instruction
Examination of instructional organization and strategies with emphasis on promising practices and evaluative methodology. Prerequisite: teaching or administrative experience. (3-0)

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GRADUATE PROGRAM IN ENVIRONMENTAL SCIENCES

1. In section, OBJECTIVES, add last sentence as follows:

There is also an opportunity to pursue a Ph.D. through joint studies cosponsored by the Chemistry and Environmental Sciences Programs. This joint endeavor permits students to undertake disciplinary study and research in Chemistry which is applicable to the solution of practical problems in the chemistry of water, air, solid wastes or energy in the environment.

2. In the section, ENVIRONMENTAL SCIENCES COURSE DESCRIPTIONS, add courses as follows:

ENSC 6323 Special Topics in Environmental Chemistry

An in-depth examination of selected chemical processes in air or water environments. Prerequisites: ENSC 5302 and 6313 or permission of instructor. (May be repeated for credit.) (3-0)

ENSC 6325 Advanced Analytical Techniques in Aquatic Chemistry I

Solving specific problems in aquatic chemistry by application of advanced instrumentation and laboratory methods. Prerequisites: ENSC 5302, 6313 and 6418 or permission of instructor. (2-3)

ENSC 6326 Advanced Analytical Techniques in Aquatic Chemistry II

A sequential course to ENSC 6325 for students interested in experience with additional instrumentation and techniques. This course will also concentrate on the solution of specific environmental problems. Prerequisites: ENSC 5302, 6313 and 6418 or permission of instructor. (2-3)

ENSC 6327 Environmental Spatial Analysis and Mapping

Environmental inventories utilizing mapping and computer applications. Analysis of such inventories over space and time. Prerequisite: permission of the instructor. (1-2)

ENSC 6330 Mathematical Ecology

A general survey of the mathematical and statistical aspects of modern ecology; population biology; diversity and stability; food chains and webs. Prerequisite: ENSC 5311 or permission of instructor. (3-0)

ENSC 6331 The Ecosystem Concept in Environmental Science

Presents an historical perspective of holistic thinking in ecology; considers the development and utilization of various ecological principles such as closed loop structure and nutrient cycling, diversity, succession, response to perturbation and "balance of nature;" and discusses how ecological principles should be viewed within the context of current environmental problems. Students will study and research several current problem areas and discuss them within the context of ecology. (3-0)

ENEG 6355 Advanced Solar Energy

A detailed discussion of power plant design, and the use of solar energy as a main power source to produce electricity. Other applications of solar energy include use of solar energy for water purification, for waste treatment plants, and in agricultural applications. Prerequisite: ENEG 6347. (3-0)

ENSC 7370 Advanced Economic Analysis of Finite and Renewable Resources

Investigation of the economic theory of extracting and harvesting resources. Includes consideration of optimal use rates and the efficiency of various market structures. Familiarity with variational methods in mathematics is essential to successful completion of this course. Prerequisite: ENSC 5335 or permission of instructor. (3-0)

ENSC 7389 Environmental Noise Measurements

The fundamentals of sound. Criteria for environmental noise measurements. Effects and sources of environmental noise. Use of noise measuring equipment. The design of environmental noise assessment surveys. (3-0)

GRADUATE PROGRAM IN GEOSCIENCES

GEOSCIENCES COURSE DESCRIPTIONS

1. In the section, GEOCHEMISTRY, add and delete courses as follows:

GEOS 5455 Introductory Geochronology

Rubidium-strontium, potassium-argon and uranium-lead radiometric age dating as applied to the solution of geologic problems. Laboratory course. (3-3)

~~[6454-Geochronology-(4-semester-hours)-----Halpern
Rubidium-strontium, potassium-argon and uranium-lead radiometric age dating as applied to the solution of geologic problems. Laboratory course. (3-3)]~~

2. In the section, PETROLOGY-MINERALOGY, add a course as follows:

GEOS 5464 Mineral Resources

Principles and relationships of economics and politics to the utilization of mineral and industrial deposits; ore mineralogy; classification of commercial earth materials; geochemical cycle of various elements; geology, distribution, characteristics, formation, enrichment and localization of various economic mineral and industrial deposits. Relationship of mineral and industrial deposits to global tectonics. Field Trips. (3-3)

3. In section, STRUCTURAL GEOLOGY-TECTONICS, delete and add courses as follows:

~~[5371-Advanced-Structural-Geology-I-(3-semester-hours)-----Staff
Introduction to tensor description of stress and strain, fundamentals of elasticity theory and failure criteria as they relate to fracture and fault analysis. Study of the effects of such environmental parameters as temperature, pressure and time on the rheology of geologic materials. Analysis of folds and development of rock fabric. Laboratory course. Prerequisites: Analytic Geometry, Calculus. (2-3)]~~

GEOS 5476 Analysis of Geologic Structures

Introduction to strain analysis and the origin of tectonic fabrics, including use of stereonet and petrographic microscope to outline deformational and metamorphic history. Prerequisites: GEOS 3470, 3462 with 3421 recommended. Laboratory course. (3-0)

GEOS 5377 Structure of Crystal Aggregates

Introduction to tensor mathematics as applied to stress and strain. Examination of crystallographic effects on elastic response, failure criteria, fracture analysis, and ductile deformation mechanisms with an introduction to experimental rock deformation and microstructural analysis using the universal stage and transmission electron microscope. Prerequisites: GEOS 3470, 3462, Calculus with Matrix Algebra recommended. (3-0)

~~[6371-Advanced-Structural-Geology-II-----Staff~~

~~Introduction to behavior of materials, plastic and recovery deformation mechanisms in rocks, experimental rock deformation, theoretical analysis and analysis of rock deformation including application of finite element and finite difference techniques to deformation in the earth's crust and mantle. Prerequisite: Advanced Structural Geology I. (3-0)]~~

4. In the section, GENERAL GEOPHYSICS, add and delete courses as follows:

GEOS 5382 Principles of Geophysics

Introduction to classical and modern geophysical methods; principles of measurement and interpretation; the structure, internal constitution, deformation, and dynamics of the solid earth as revealed by surface geophysical measurements; survey of the results of refraction seismology, earthquake seismology, earth gravity, geomagnetism, geoelectricity, heat flow, high-pressure laboratory geophysics and integrated regional geophysics. (May not be taken for graduate credit by geophysics majors.) (3-0)

GEOS 5385 Potential Methods in Geophysics

Fundamental existence theorems; potential theory emphasizing application to geophysical problems such as gravity, magnetics, and heat flow; geopotential and the physical surfaces of the earth; harmonic analysis integral equation techniques; numerical methods for analyzing potential field data. Prerequisite: permission of instructor. (3-0)

~~[5485-Geophysical-Principles-and-Techniques-(4-semester-hours)-Covers Seismology,-magnetics,-gravity,-etc.-as-tools-for-understanding-the-earth-and-its-mineral-deposits.--Prerequisite: Permission-of-instructor.--(2-6)]~~

GEOS 6380 Physics of the Earth's Interior

Seismological methods and data for studying the physical and mechanical properties of the Earth's crust, mantle, and core. Gravitational field, geodesy, density, and elastic constants. Seismicity, volcanism, deformation, mobility, and rheology. Electrical conductivity, temperature and thermal history. Prerequisite: permission of instructor. (3-0)

GEOS 6386 Heat Flow/Geothermal Literature

Review and discussion of selected references related to heat transfer in geological environments; analysis and correlation of geothermal observations with other geological, geochemical, and geophysical data to examine and solve problems related to the thermal state, temperature distribution, thermal history, and geothermal resource distribution of the earth. Must be taken concurrently with GEOS 6384. Prerequisite: permission of instructor. (3-0)

GEOS 6387 Electrical Exploration Methods

Electrical properties of earth materials; theoretical foundations and fundamentals of prospecting with direct current resistivity methods in multilayered media; instrumentation; electrode configurations and resistivity distributions; analysis and interpretation of sounding data with geological applications. Prerequisite: permission of instructor. (3-0)

GEOS 6388 Tellurics, Magnetotellurics, and Geomagnetic Variometry
Origin and characteristics of magnetotelluric fields and telluric currents; elementary electromagnetic theory for geophysical applications; basic theoretical problems; instrumentation; analog and digital processing of field records; interpretation of sounding data with geological applications.
Prerequisite: permission of instructor. (3-0)

GEOS 6389 Geophysical Inverse Theory
Mathematical techniques for estimating properties of systems related to the earth from data that are insufficient, inaccurate, and/or inconsistent to permit accurate specification of important system parameters; emphasis on concepts of information, resolution, and stability of data sets; theory and techniques are fairly general with broad applicability in geophysical data interpretation. Prerequisite: permission of instructor. (3-0)

GEOS 7381 Seminar in Geophysics
Review and discussion of problems of current interest in geophysics; subject matter varying from term to term. (May be repeated for credit.) (3-0)

~~[7387-Seminar in Rock Magnetism (3-semester-hours) (3-0)]~~

~~[7389-Seminar in Paleomagnetism (3-semester-hours) Current topics in paleomagnetism and their relation to geology and geophysics. (3-0)]~~

5. In section, SEISMOLOGY, delete and add courses as follows:

~~[6390-Physics of the Interior of the Earth (3-semester-hours) Landisman Seismic studies of the crust, mantle, and core; physical and mechanical properties of the thermal history of the earth and the mechanics of tectonics and orogenic processes. (3-0)]~~

~~[6391-Applied Geophysics II (3-semester-hours) Ward Discussion of seismic reflection exploration methods including sources, recording instrumentation, velocity analysis, static and dynamic corrections, and horizontal and vertical wave tests. The use of numerical modeling and borehole logs in the interpretation of processed seismic reflection sections will be studied. Seismic refraction techniques will also be covered. Prerequisite--GEO-5391. (3-0)]~~

GEOS 6393 Advanced Seismology
Advanced methods of theoretical seismology; discussion of head waves, normal modes, leaky modes, and exact synthetic reflection seismograms in layered media; asymptotic ray theory; seismic scattering due to lateral heterogeneity of the earth; near-field and far-field analysis of seismic radiation from elastic dislocations. Prerequisites: GEOS 5391, PHY 5401. (3-0)

GEOS 6394 Applied Seismology

Discussion of seismic reflection exploration methods including sources, recording instrumentation, velocity analysis, static and dynamic corrections, and horizontal and vertical wave tests. The use of numerical modeling and borehole logs in the interpretation of processed seismic reflection sections will be studied. Seismic refraction techniques will also be covered. Prerequisite: GEOS 5391.
(3-0)

GRADUATE PROGRAM IN HUMAN DEVELOPMENT

HUMAN DEVELOPMENT COURSE DESCRIPTIONS

1. In the section, BRAIN PROCESSES AND COGNITION, add a course as follows:

HUD 5356 (ED 5336) Variations in Kindergarten

Gives primary attention to various curricula and instructional procedures in early childhood education. Special attention will be placed upon open education, the Montessori Method, Piagetian approach to early childhood education, Project Follow Through, and language.

2. In the section, SEMINARS IN BRAIN PROCESSES AND COGNITION, add a course as follows:

HUD 6344 Psychology and Physiology of Sleep

The course deals primarily with the brain mechanisms which control sleep and waking behavior. Neuroanatomical, biochemical, and electrophysiological aspects of sleep will be considered. Also covered will be topics such as circadian rhythms, the function of sleep, the actions of sleeping pills, and the meaning of dreams.

GRADUATE PROGRAM IN THE HUMANITIES

1. In the section, SPECIFIC DEGREE REQUIREMENTS, amend as follows:

Students are admitted to the M.A., M.A.T., or Ph.D. programs. By maintaining an acceptable academic average, and after completing a specified number of course hours, a student qualifies as a degree candidate. Included in the requirements for qualifying for candidacy is the completion of the requirement in one approved foreign language.

Master of Arts

- (1) Core Courses (9 semester hours)

HUMA 5300

Two Proseminars (HUMA 8313, 8314, or 8315)

- (2) Specialization (15 semester hours)

15 hours in one of the areas of specialization selected in consultation with the adviser.

- (3) Second Area (6 semester hours)

6 hours in a second area selected in consultation with the adviser.

- (4) HUMA 5304 or an independent studies course emphasizing research or methodology. (3 semester hours)

- (5) Thesis (3 semester hours)

HUMA 8304

(Total: 36 semester hours)

- ~~[4. M.A. Course Requirements:--The student will be eligible for the Master of Arts degree upon satisfactory completion of the following requirements:~~

- ~~a. Core courses (15 semester hours)~~

~~Humanities 5300, 5304, 5305~~

~~Two of the following:--Humanities 8313, 8314, 8315~~

- ~~b. Courses in major and secondary areas of specialization (18 semester hours)~~

- ~~c. Master's Essay (3 semester hours)~~

~~The Master's Essay is a publishable, article-length essay treating a problem in the student's area of specialization from an interdisciplinary perspective.~~

~~The M.A. student, in the process of working toward the M.A. degree, has accumulated a portfolio which he may present to the Ph.D. committee to request permission to proceed to the Ph.D. if he/she would like to continue in the program. The portfolio includes records and analyses of past educational and life experiences, progress in course work and teaching during the M.A. program, and evaluation of the Master's Essay. A student may proceed to the Ph.D. candidacy only upon completion and committee approval of the portfolio.]~~

Master of Arts in Teaching

The program is designed primarily for teachers employed during the academic year, but who are relatively free during the summer months. Full-time students, however, may be admitted to the program if they already have a teaching certificate or are close to completing the requirements for one. The M.A.T. offers to experienced teachers the possibility of completing the requirements for a Professional Certificate concurrent with earning the degree.

- (1) Core Courses (9 semester hours)
HUED 5300
Two Proseminars (HUMA 8313, 8314, or 8315)
- (2) Specialization (12 semester hours)
12 hours in one of the areas of specialization in consultation with the adviser.
- (3) Second Area (6 semester hours)
6 hours in a second area selected in consultation with the adviser.
- (4) HUMA 8306 (3 semester hours)
- (5) Education Course (3 semester hours)
Students must take ED 6300 if they have not already taken a course in multicultural aspects of teaching in order to receive certification in Texas. In other cases, students may choose from the courses listed in the Education section of this Catalog.
- (6) Casebook HUMA 8398 (3 semester hours)

(Total: 36 semester hours)

[MASTER-OF-ARTS-in-TEACHING-(M.A.T.)

OBJECTIVES

The program leading to the degree of Master of Arts in Teaching the Humanities is designed to develop teachers who combine competence in various humanistic disciplines with the ability to stimulate learning in the classroom. The program provides broad and rigorous training in these disciplines and particular training in the teaching of the humanities. It meets an important need expressed by secondary teachers.

The program is designed primarily for teachers employed during the academic year, but who are relatively free during the summer months. Nevertheless, full-time students are encouraged to enroll in the program. The M.A.T. program is designed for students and professionals with significant ability in a discipline as well as a serious commitment to teaching. It constitutes an effective opportunity for the professional development of experienced teachers in that it is possible to complete requirements for the Professional Certificate concurrently with earning the M.A.T. degree.

The student in this program will choose to specialize in one of three areas: Aesthetic Studies, Comparative Literature, and History of Ideas. Some work must also be taken in one of two remaining areas.]

Doctor of Philosophy

- (1) Core Courses (9 semester hours)
HUMA 5300
Two Proseminars (HUMA 8313, 8314, or 8315)
- (2) Specialization (24 semester hours)
24 hours in one of the areas of specialization selected in consultation with the adviser.
- (3) Second Area (18 semester hours)
18 hours in a second area selected in consultation with the adviser.
- (4) Electives (12 semester hours)
In either of the first two areas, from the third area within the Graduate Program in Humanities, in independent studies, or in courses in another UT-D Graduate Program with permission of the student's adviser and the Head of the other Program.
- (5) Internship (3 semester hours)
May be waived in favor of any other 3 hour course if the student has demonstrable teaching, research, or related experience. HUMA 5305 may be offered in lieu of an internship at the doctoral level.
- (6) Dissertation HUMA 8399 (24 semester hours minimum)
Non-traditional dissertations in the form of publishable research reports of case studies undertaken on humanistic questions are, with the approval of the Supervising Committee, permitted in partial fulfillment of the general degree requirements. Such non-traditional dissertations will include an extensive essay on the rationale for pursuing the project, an exhaustive annotated bibliographic essay treating the scholarly literature relevant to the subject of the research, and a formal, thorough, analytical and authoritative report of findings, interpretations, and conclusions. The non-traditional dissertation must aim at augmenting or reinterpreting the knowledge of its field of inquiry with respect either to the field's intellectual substance or its professional practice.
- (7) Foreign Languages: The Ph.D. degree requires demonstrated reading proficiency in two approved foreign languages. Guidelines for fulfillment of language requirements are issued by the Graduate Program Committee. These are available to each student through the Office of the Director of Graduate Studies.
- (8) Qualifying Examinations: After completion of 60 hours of graduate work or its equivalent, graduate students may take the qualifying examinations. These cover: 1) the first area of specialization, 2) the second area, and 3) interdisciplinary aspects of the program. Specific guidelines for the Qualifying Examinations are available from the Office of the Director of Graduate Studies in the Humanities.

~~[The student admitted to the Ph.D. program must complete the following requirements toward the degree.]~~

~~[5. Ph.D. Requirements.~~

- ~~a. Courses in area of specialization (18-21 semester hours).~~
- ~~b. Internship: Humanities 8302-8602 (3-6 semester hours).~~
- ~~c. Qualifying Examination.~~
- ~~d. Ph.D. Casebook (6 semester hours)~~
~~Depending on the doctoral candidate's career interests, he/she will design a course or prepare an exhibit which demonstrates his/her mastery of subject material, analysis of important research dealing with the subject, and competence in curriculum or project design and evaluation. The course or exhibit is not a theoretical design; it must actually be given or take place. The final Casebook contains an essay by the degree candidate analyzing-evaluating the total process.]~~

~~[SPECIFIC DECREE REQUIREMENTS~~

- ~~1. For general degree requirements, see "Procedures and Requirements for Graduate Degrees".~~
- ~~2. Prior to admission, a student who chooses to specialize in Aesthetic Studies of History of Ideas must demonstrate a strong reading knowledge of one foreign language related to the field of specialization. A student who chooses to specialize in Comparative Literature must have a working knowledge of two language and literature areas, one of which may be English. A student whose language proficiency is inadequate will be required to take additional coursework which will not be counted toward the degree.~~
- ~~3. A student must maintain a B average in the core courses and in courses in his/her primary of specialization.~~
- ~~4. The following course requirements must be completed:~~
 - ~~a. M.A.T. Core Courses (12-15 semester hours):~~
 - ~~Humanities Education 5300~~
 - ~~Humanities 5300~~
 - ~~Two courses from Humanities 8313, 8314, 8315-~~
 - ~~Humanities 5304 for students planning to write a Master's Essay.~~
 - ~~b. Courses in major area of concentration (12 semester hours)~~
 - ~~c. Courses in second area of concentration (3 semester hours)~~
 - ~~d. Courses in Professional Education (3-6 semester hours) --~~
~~Students completing requirements for the Professional Certificate should complete 6 semester hours which must include HUED 5300.~~
 - ~~e. Master's Essay or Casebook (3 semester hours)~~
- ~~5. At the culmination of the student's program, he develops either a Master's Essay or Master's Casebook.~~
~~If the student chooses to write a Master's Casebook, he must take Humanities 5304 and produce an article length, publishable essay written from an interdisciplinary perspective.~~
~~If the student chooses to develop a Master's Casebook, he designs a teaching unit to be applied to the classroom setting in which he works. The Casebook includes a statement of the problem, and evaluation of relevant research on the subject matter, a statement of goals for the unit, a total design of the unit, and a report of the outcome of teaching the unit, including evaluation.]~~

HUMANITIES COURSE DESCRIPTIONS

2. In the section, AESTHETIC STUDIES, delete and add courses as follows:

~~[HUAS-6300--Foundations-of-Music-Education--(3-semester-hours)
Examination-of-the-philosophical-rationale-for-music-in-education.
Graduate-study-directed-at-behavioral-aspects-involved-in-the
teaching-of-music.]~~

HUAS 6303 Culture and Ideology

Studies in ideological views of the arts in the 19th and 20th centuries. Readings in Ruskin, Nietzsche, Marx, Ortega, etc. Consideration of the genesis, meaning and application of such terms as decadence, kitsch, mass culture, dehumanization, modernism, and avant-garde. Topics vary by semester.

HUAS 6305 Topics in Aesthetics

A critical consideration of problems concerning art as it relates to nature, people, and language. Such topics may be studied as the nature, scope, and communicability of aesthetic judgment, form and content in the work of art, and standards of critical judgment and of taste.

HUAS 6307 Structural Aesthetics

An examination of the major theories and theorists of the structuralist/systems theory approach to the arts, including Saussure, Jakobson, Levi-Strauss, Greiman, Bremond, Todorov, Piaget and Bertalanffy. This course will concentrate on the critical analysis of the structuralist perspective as a tool for the examination of aesthetic values.

HUAS 6308 The Metaphysics of Modern Art

The intellectual foundations of modern art. Conceptual relationships among art, science and philosophy.

HUAS 6309 The Creative Imagination

Psychological, cultural and philosophical perspectives on aesthetics including theories of creativity; the nature of the psychological function of aesthetic value within a culture.

HUAS 6312 (HUHI 6312) The City: Rome

A survey of the growth and development of Rome from its inception to the present day. The course will focus on the particular historical and cultural conditions of Rome with emphasis on its physical growth, planning, and the art which it produced. It will also consider general questions of urban growth and theory.

HUAS 6313 Studies in Asian Art

HUAS 6326 Modern Art Criticism

A study of the shifting standards in modern criticism. The course will involve readings in recent art theory and criticism. Written criticism of local exhibitions will also be read for evaluation.

HUAS 6328 Foundations of Music Education

Examination of the philosophical rationale for music in education. Graduate study directed at behavioral aspects involved in the teaching of music.

In the section, HUMANITIES COURSE DESCRIPTIONS AESTHETIC STUDIES, delete and add courses as follows:

~~[HUAS-6300--Foundations-of-Music-Education--(3-semester-hours)-
Examination-of-the-philosophical-rationale-for-music-in-education.
Graduate-study-directed-at-behavioral-aspects-involved-in-the
teaching-of-music.]~~

HUAS 6303 Culture and Ideology

Studies in ideological views of the arts in the 19th and 20th centuries. Readings in Ruskin, Nietzsche, Marx, Ortega, etc. Consideration of the genesis, meaning and application of such terms as decadence, kitsch, mass culture, dehumanization, modernism, and avant-garde. Topics vary by semester.

HUAS 6305 Topics in Aesthetics

A critical consideration of problems concerning art as it relates to nature, people, and language. Such topics may be studied as the nature, scope, and communicability of aesthetic judgment, form and content in the work of art, and standards of critical judgment and of taste.

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HUAS 6313 Studies in Asian Art

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HUAS 6328 Foundations of Music Education

Examination of the philosophical rationale for music in education. Graduate study directed at behavioral aspects involved in the teaching of music.

HUAS 6335 (HUCL 6335) Literature and Music as Temporal Form

A comparative study of the structures of literature and music. Forms to be considered are the song form, the lyric form, the theme and variation, the rondo, the coda, the sonata form, the novel, and the fugue.

HUAS 6350 Ethnomusicology

Studies in the music of nonliterate people; in folk music and in the music of non-Western high cultures.

~~[HUAS-6390--Special-Topics-in-Art-History--(3-semester-hours)]~~

~~[HUAS-6391--Special-Topics-in-Theater-History--(3-semester-hours)]~~

~~[HUAS-6392--Special-Topics-in-Music-History--(3-semester-hours)]~~

~~[HUAS-7301--Problems-in-Cultural-Historiography--(3-semester-hours)~~

~~The-conceptual-foundations-of-historical-study-in-the-arts; the relation-between-history-and-theories; modes-of-explanation-in-cultural-history.]~~

~~[HUAS-7311--Studies-in-Asian-Art--(3-semester-hours)]~~

HUAS 6364 Dramatic Theory

Reading and analysis of theories of the drama in historical context and with application to the present. (Not to be offered in 1977/1978.)

HUAS 6370 Film Analysis

The study of aesthetic, conceptual, and historical approaches to the cinema. Selected films used for analysis and criticism.

HUAS 8303 Independent Readings in Aesthetic Studies

Individual or group readings in Aesthetic Studies. These are to be arranged with individual faculty supervisors. (May be repeated for credit.)

HUAS 8305 Independent Research in Aesthetic Studies

Individual or group research projects in various aspects of Aesthetic Studies. These are to be arranged in consultation with individual faculty supervisors. (May be repeated for credit.)

HUAS 8307 Studio Workshops in Aesthetic Studies

Individual or group studio workshops in creative writing, dance, music, theatre and the visual arts. These are to be arranged in consultation with individual faculty supervisors. (May be repeated for credit.)

3. In the section, COMPARATIVE LITERATURE, add and delete courses as follows:

HUCL 6310 Prose Narrative Through the 18th Century

Prose narrative through the 18th century, with selections from major writers.

HUCL 6312 The Development of Prose Narrative in the 20th Century

Prose narrative in the 20th century, with selections from major writers.

[HUCL-6330--Society, Self and Voices of Autobiography--(3-semester-hours)
 Reading of a number of American and European autobiographies from the seventeenth century to the present with some attention to earlier forms contrasted with the modern genre and to related genres like diaries, journals, letters and travel literature. Lectures and discussion will emphasize both practice and theory of autobiography seen as a cultural necessity in Western history since approximately 1600.]

[HUCL-7305--Theater, East and West--(3-semester-hours)--
 A comparative study of Oriental and Western dramas, with emphasis on drama as literature as well as theater.]

HUCL 6321 Studies in Romance

Readings in narrative using the romance mode, for example, epic, romance, fantasy, and science fiction.

HUCL 6353 Contemporary Literature

Literature of the last two decades from the Americas, the Caribbean, Africa, the Middle East, and Europe. A major portion of the reading material will be drawn from manuscripts recently published in literary journals and magazines. Also discussions of the current publishing scene and projects in editing of literary journals.

HUCL 6364 The Literature and Thought of Medieval Europe

A consideration of the basic ideas, assumption, and achievements of the European Middle Ages as reflected in major literary texts. Topics to be announced.

HUCL 6376 Naturalism

A study of the Naturalist movement of the late nineteenth century in Europe and the United States. Consideration will be given to the philosophical, social and scientific background. Readings will include dramas and novels.

HUCL 7306 African Literature

A comparative study of modes of literary expression from Africa and the African diaspora. Topics will vary. (May be repeated for credit.)

[HUCL-7310--French Language Literature--(3-semester-hours)

Analysis of texts from the standpoint of language and style, with oral and written presentations aimed at developing literary expression.]

[HUCL-7315--Spanish Language in Literature--(3-semester-hours)

Analysis of texts from the standpoint of language and style, with oral and written presentations aimed at developing literary expression.]

[HUCL-7321--Special Topics in Classical Literature--(3-semester-hours)

May be repeated for credit.]

[HUCL-7330--German Language in Literature--(3-semester-hours)

Analysis of texts from the standpoint of language and style, with oral and written presentations aimed at developing literary expression.]

~~[HUCL-7350--The--History--and--Development--of--the--English--Language--(3-semester-hours)
Advanced-Studies-in-the-history-and-development-of-English-as-a-language.]~~

~~[HUCL-7393--Advanced-Workshop-in-Spanish--(3-semester-hours)
May-be-repeated-for-credit.]~~

~~[HUCL-7394--Advanced-Workshop-in-German--(3-semester-hours)
May-be-repeated-for-credit.]~~

~~[HUCL-7395--Advanced-Workshop-in-Latin--(3-semester-hours)
May-be-repeated-for-credit.]~~

~~[HUCL-7396--Advanced-Workshop-in-Greek--(3-semester-hours)
May-be-repeated-for-credit.]~~

~~[HUCL-7397--Advanced-Workshop-in-Russian--(3-semester-hours)-
May-be-repeated-for-credit.]~~

HUCL 8303 Independent Readings in Comparative Literature

HUCL 8305 Independent Research in Comparative Literature

HUCL 8307 Studio Workshops in Comparative Literature
Individual or group studio workshops in language and translation.
These are to be arranged in consultation with individual faculty supervisors. (May be repeated for credit.)

In the section, HISTORY OF IDEAS, add and delete courses as follows:

HUHI 5310 Workshop in Applied History

An introduction to social historical analysis, its relationship to the social sciences, and its implications for both social theory and social policy. The course will emphasize concepts of social process and social change, within a conceptualization of social structure. Topics selected for discussion may include the family, urbanization, industrialization, mobility. It is probable that the seminar will focus primarily on only one of these topics in any given year.

HUHI 6308 Topics in Moral Philosophy

A critical consideration of problems concerning persons in the private and public conduct of their lives. Such topics may be studied as the clash between personal values and professional duties, the philosophy of violence, the evaluation of persons and their traits, men and women and morals, and censorship in the arts.

~~[HUHI-6352--Psychohistory,-Biography,-and-the-History-of-Ideas--(3-semester-hours)~~

~~Considers-a-variety-of-ways-of-applying-psychological-modes-of-analysis-and-interpretation-to-issues-in-the-history-of-ideas.--Examines-the-formal-writings-of-several-artists-and-philosophers-in-light-of-their-biographies,-as-well-as-looking-at-trends-of-movements-in-the-history-of-ideas-in-view-of-collective-psychological-interpretations-of-them.]~~

HUHI 7342 American Studies

A graduate-level introduction to the methodology and bibliography of American Studies, enabling the student to plan and teach a basic academic course in American Studies. Reading and discussion of a number of "classic" analyses of American culture by historians, literary critics, social scientists, and foreign observers.

HUHI 7344 Literacy and History

A topical study in the literacy-society relationship. From the premise that neither literacy nor literature, not to say education, may be understood without a grasp of the social correlates of literacy we will consider literacy in traditional societies, the impact of printing, social structural relationships, among other topics. (Not to be offered in 1977/78.)

HUHI 7346 (HUCL 7346) Women in the Nineteenth Century

Through readings and discussion, the course will focus on the status and position of women in the nineteenth century. We will attempt to combine an explicit focus on literary and social historical perspectives, examining women and work, women and the family, middle class women, sexuality, servants, kinship, family limitation, and social change.

HUHI 7352 The European Enlightenment

The social, political, and cultural context within which the "party of humanity" worked for reform of the old regimes in Europe: the political impact of enlightened attitudes and the social limitations on reform. (Not to be offered in 1977/78.)

HUHI 7353 Origins of the Modern World

Through comparative social historical analysis, this course will inquire into the social processes which 'make' for change and modernization. The origins of capitalism, the 'modern' world-system, urbanization, industrialism, population change, bureaucratization/institutionalization, and other topics will be considered.

HUHI 7357 The City in European History: Idea and Reality

The role of the city in European history; urban communities as ideal constructs and social realities from the eleventh to the nineteenth century.

HUHI 7359 The University: Idea and Reality

A study of the university-its purposes, uses, and misuses-from the medieval period to the modern. We shall consider not only the cultural significance of the university but also the aesthetic implications. Readings will include John Henry Newman, Ortega y Gasset, Robert Hutchins, Clark Kerr, James Joyce, Kingsley Amis, Dorothy Sayers, Johannes Brahms, and Carl Orff.

HUHI 7361 Nationalism: Idea and Reality

An intensive study of the ideas of nationhood, nationality and citizenship, national independence, organicist interpretations of national society, and cultural and linguistic nationalism. The development of nationalism as an ideology will be studied from the eighteenth century to the present. Emphasis will be on ideas and realities of the nineteenth century nationalism in Europe, but examples from the twentieth century-including ones in the Third World-may also be examined.

HUHI 7363 Imperialism: Idea and Reality

This course will be an examination of the philosophy and practice of imperialism throughout history via the study of specific examples. Theoretical approaches will be juxtaposed with the actions of various historic imperialistic polities.

HUHI 7365 Capitalism and Socialism: Idea and Reality

A graduate level survey of the basic philosophical and theoretical arguments used to justify both systems. Emphasis will be on examining the interrelationship of theory and practice in several selected cases. The tension between the philosophical underpinnings of an economic theory, the theoretical structure itself, and the problems involved in applying social/economic theory in specific historical situations will be the focus of this course. (Not to be offered in 1977/78.)

HUHI 7375 Man and the Cosmos

This seminar will focus on the historical development of the conception of the universe from the Middle Ages to the present. The concepts of space and time will serve as fundamental organizing principles for the study of painting, sculpture, architecture, music, and literature. Four main topics will be discussed: Gothic space and scholasticism; the Renaissance and the rise of rationalization; Romanticism and organic time; and Cubism and the decline of the absolute.

HUHI 8303 Independent Readings in History of Ideas

HUHI 8305 Independent Research in History of Ideas

HUHI 8307 Workshop in Applied History and Social Thought

Individual or group workshops in the application of historical analysis and social thought to contemporary problems in society. These are to be arranged in consultation with individual faculty supervisors. (May be repeated for credit.)

5. In the section, RESEARCH AND INTERNSHIP, add a course as follows:

HUMA 8306 Master of Arts in Teaching Internship

Assigned approved tutorial in one of the undergraduate interdisciplinary courses at UT-D. An outline of guidelines and procedures issued by the Graduate Studies Committee in the Humanities stipulates the conditions of an internship. Must be approved in writing by the supervising faculty member.

GRADUATE PROGRAM IN INTERDISCIPLINARY STUDIES

Under section, INTERDISCIPLINARY STUDIES COURSE DESCRIPTIONS, add a course as follows:

MAIS 5301 Special Project.

GRADUATE PROGRAM IN INTERNATIONAL MANAGEMENT STUDIES

In the section, INTERNATIONAL MANAGEMENT COURSE DESCRIPTIONS, add courses as follows:

IMS 6321 International Trade

Examines the impact of international trade and investment on the world economy. Systematic review of tariff and non-tariff barriers to international trade. Examination of determinants of pattern of world trade. Prerequisite: IMS 5300 or permission of instructor. (3-0)

IMS 6322 International Monetary Systems

Analysis of alternative systems for international payments. Central bank reserve policies. Examination of structure of world capital markets. Prerequisite: IMS 5300 or permission of instructor. (3-0)

IMS 6380 International Investment Analysis

Techniques of appraising foreign direct investments. Comparison of OECD, UNIDO and World Bank procedures of project appraisal with special emphasis on distinction between financial and economic profitability. Prerequisite: IMS 5300 or permission of instructor. (3-0)

GRADUATE PROGRAM IN
MANAGEMENT AND ADMINISTRATIVE SCIENCES

MANAGEMENT AND ADMINISTRATIVE SCIENCES COURSE DESCRIPTIONS

In the section, ACCOUNTING COURSES, add the following courses:

ACCT 5302 Tax Accounting and Auditing Procedures

Introduction to tax accounting and principles of auditing for students with limited previous accounting background. This course, devoted about 50% to taxation issues and 50% to auditing procedures, or its equivalent, is a prerequisite to ACCT 6333 and ACCT 6351. Prerequisite: ACCT 5301. (3-0)

ACCT 6331 Financial Accounting II

Advanced topics in financial accounting including: accounting for business combinations, home-office and branch accounting, estates and trusts, actuarial accounting, bankruptcy, not-for-profit accounting, and other unique accounting areas. Prerequisite: ACCT 5301 (formerly MAS 5331). (3-0)

ACCT 6332 Contemporary Accounting Issues

Conceptual foundations upon which contemporary accounting practices and procedures rest, and identification of existing unresolved issues in accounting. Accountant's attest function and legal liability; objectives of accounting; measurement and communication in accounting; the institutional framework for developing accounting principles; and other special topics. Prerequisite: ACCT 6331 required; ACCT 4332 recommended. (3-0)

ACCT 6333 Auditing and Audit Research

Auditing procedures and the relationship of public accountants to management, stockholders, governmental agencies; labor and the general public. Auditing as a means of corporate control; requirements for auditing financial statements under SED regulations. Prerequisite: ACCT 5302 or permission of instructor. (3-0)

ACCT 6342 Managerial Decision Making and Quantitative Methods

The application of accounting systems, measurement and quantitative data for planning and control. Survey of approaches and techniques employed at strategic, managerial and operational levels. An understanding of the usefulness of mathematical methods in accounting. The relationship of accounting models to measures used in decision making e.g. capital budgeting. Prerequisite: ACCT 6341 or permission from the instructor. (3-0)

ACCT 6351 Corporate Taxation and Tax Research

Income taxes on corporations and associations, reorganizations, and corporate distributions. Emphasis on tax research and planning for corporate business organizations. Prerequisite: ACCT 5302 or equivalent. (3-0)

ACCT 6363 Governmental and Not-For-Profit Accounting

Governmental accounting, including accounts of institutions, municipalities, and state and federal government. Performance budgeting and systems analysis. Accounting and economic decisions. Prerequisite: ACCT 5301 or permission of instructor. (3-0)

ACCT 6364 Petroleum Accounting

Accounting measurement and reporting pertaining to oil and gas operations, including legislative and regulatory aspects, depletion allowances, partnership and association problems, foreign oil and gas industry activities. Prerequisite: ACCT 6341. (3-0)

In the section, MANAGEMENT AND ADMINISTRATIVE SCIENCES COURSES, add and delete courses as follows:

MAS 6302 Graduate Administrative Law

Laws affecting the conduct of trade and industry; nature and scope of competition at law. Regulatory laws, including Securities and Exchange Act requirements. Prerequisite: none. (3-0)

MAS 6307 Strategic Planning in Administration

An examination of the management functions planning and programming, including analysis of the elements of plan making; developing a process model for plan making; utilizing decision making models and basic planning tools; creative problem solving; implementing and evaluating the delivery system. Prerequisite: permission of instructor. (3-0)

MAS 6308 (ED 6323) School Law

Legal basis for organizing and conducting public and private school systems; statutes and court decisions affecting educational functions. (3-0)

~~[6325--Operations-Research-Techniques-for-Environmental-Quality
(3-semester-hours)-~~

~~Applications-of-operations-research-techniques-to-problems-of-environmental-quality.--Critical-review-of-current-literature.
Prerequisite:--MAS-6313.--(3-0)]-~~

~~[6326--Seminar-on-the-Rural-Urban-Interface-(3-semester-hours)~~

~~The-process-and-problems-of-urban-development-in-the-perspective-of-law,-social-and-mathematical-sciences.--(3-0)]~~

~~[6327--Land-Use-and-Development-Policies--(3-semester-hours)~~

~~Seminar-or-selected-topics-in-optimal-land-use-models-and-in-the-environmental-economic-trade-offs-necessary-for-effective-management.--(3-0)]~~

~~[6330--International-Dimensions-of-Accounting--(3-semester-hours)-~~

~~International-measurement-and-reporting-problems-in-accounting;-the-accounting-function-and-activities-in-various-international-environments.--Accounting-concepts;-standards;-methods;-and-practices-in-foreign-countries-and-their-relationship-to-U.-S.-accounting.-Foreign-currency-translation;-taxation;-performance-measurement-of-international-entities.--Accounting-for-international-operations-and-multinational-enterprise-accounting.--Comparative-accounting-systems.-Financial-reporting-of-foreign-and-multinational-corporations.--Case-studies.--Prerequisites:--MAS-5331-or-permission-of-instructor.--(3-0)]~~

~~[6331--Accounting-II--(3-semester-hours)~~

~~The-role-of-accounting-systems-and-information-in-the-process-of-management-decision-making-and-control-for-private-and-public-organizations-of-a-profit-and-nonprofit-nature.--Topics-will-include~~

~~measurement-of-costs-and-benefits-information-evaluation-and-proces-
sing, managerial-planning, budgeting-and-control; decision-and-per-
formance-models-in-accounting. Attention-will-be-given-to-relating
advances-in-quantitative-and-social-sciences-to-the-accounting-
activities. Prerequisite: MAS-5331-or-permission-of-instructor.
(3-0)]~~

[6332--Accounting-Systems,-Evaluation-and-Administration-(3-semester
hours)

~~Problems-and-procedures-in-designing,-evaluating-and-installing
accounting-systems-for-private-and-public-organizations. Governmental
accounting,-including-accounts-of-institutions,-municipalities,-and
state-and-federal-government. Performance-budgeting-and-systems-
analysis. Accounting-and-economic-decisions. Integration-between
micro-and-macro-accounting-systems. Prerequisite: MAS-5331-or-
permission-of-instructor. (3-0)]~~

[6334--Economic-Accounting-(3-semester-hours)

~~An-examination-of-the-accounting-concepts-and-techniques-necessary
to-measure-economic-activities-of-national-(macro)-and-governmental
units; similarities-and-contrasts-of-problems-in-enterprises,-govern-
ment-and-national-income-accounting. Determination-of-value-added;-
classification-and-valuation-differences. Appraisal-of-macro
accounting-statements,-flows-and-balances,-e.g., national-income-and
product-accounts; input-output-tables;-flow-of-funds-accounts;-and
national-balance-sheets. Use-of-macro-and-micro-accounts-for-private
and-public-sector-economic-analysis,-policy-and-planning,-e.g., allo-
cation-of-national-resources;-social-indicators-and-corporate-social-
performance-measurement;-human-resource-accounting. Prerequisite:
MAS-5331-or-equivalent. (3-0)]~~

MAS 6353 Information Systems Management

Development and control of information systems. Topics included
are: the scope and nature of information systems and their relation-
ship to management, management of the development of a system and
management of an information center. Case studies illustrate the
topics. Prerequisites: MAS 6351, MAS 6352 or permission of
instructor. (3-0)

MAS 6354 Security and Privacy of Information Systems

Study of organization, hardware, and software requirements for
security and privacy of computer-based data. Tools discussed include
cryptography, key transformation and access control, protector-
intruder cost/benefit analysis, hardware architecture for imple-
menting protecting rings and federal and local legislation. Pre-
quisites: MAS 6351, MAS 6352 or permission of instructor. (3-0)

MAS 7314 Optimization in Combinatorial Structures

Optimization methods for combinatorial problems, e.g., those
independence systems, blocking/antiblocking systems, matroids,
graphs and hypergraphs. Polyhedral representation of convex hull of
solutions and related optimization algorithms. Graph theoretic and
algebraic characterizations of problems involving (totally, locally)
unimodular, balanced, perfect matrices. Prerequisites: MAS 6313,
MAS 7313 or permission of instructor. (3-0)

[7325--Simulation-of-Management-Systems-for-Environmental-Evaluation
(3-semester-hours)]

Application-of-simulation-languages-and-methodologies-to-problems
of-environment.--Analysis-of-data-generated-by-simulation-models-and
validation-of-models-and-results.--(3-0)]

[7326--Economic-Planning-of-the-Public-Sector-(3-semester-hours)-

Presents-a-variety-of-applications-of-operations-research-tech-
niques-in-the-areas-of-economics,-environmental-engineering-and-urban
planning.--Several-quantitative-models-are-examined-and-the-advantage
of-limitations-on-each-are-investigated-from-a-methodological-and
practical-viewpoint.--(3-0)]

[7327--Urban,-Regional-and-Social-Problems-in-Environmental-Design
(3-semester-hours)]

Theory-of-economic-discrimination,-racial-composition-of-employ-
ment-and-unemployment,-discrimination-in-housing-and-their-enviro-
nment-interface.--Topics-also-include-taxation,-rural-poverty,-and
transportation.--(3-0)]

[7328--Problems-in-Environmental-Health,-Sanitation-and-Community
Planning--(3-semester-hours)]

Seminar-on-the-relationship-of-environmental-health-to-sanitation
and-community-planning.]

MAS 7350 Advanced Data Processing

A survey of software technology and its impact on the design of
current and future management information systems. Topics will be
chosen from operating systems design, design of algorithms and
proof of correctness, compiler design, list processing, new
programming methodologies, and other topics of current interest.
Prerequisite: MAS 6352 or permission of instructor. (3-0)

MAS 7355 Information Requirements Analysis

Information requirements of organizations, design and
implementation of systems, including advanced systems analysis,
algorithmic information analysis and documentations standards.
Prerequisites: MAS 6351, MAS 6352 or permission of instructor. (3-0)

MAS 7356 Systems Theory

The theoretical basis for Management Information Systems as in
general systems theory, cybernetics, information and communication
theory. Review of the literature and practical application of theo-
ries. Prerequisites: MAS 6351, MAS 6352 or permission of
instructor. (3-0)

MAS 7357 Minicomputers

Deals with the technology of microprocessors, intelligent terminals
and minicomputers. Differences in techniques as compared to larger
scale computers and impact on applications will be addressed. Hands
on experience will be obtained through projects. Prerequisites:
MAS 6351, MAS 6352 or permission of instructor. (3-0)

MAS 7358 Telecommunications

Focus is on both the theory of data communications, including:
techniques, information transfer, communications networks, message

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switching, throughput rates, error rates and checking, and the various networks in use including time sharing, teleprocessing and distributed computing networks. Prerequisites: MAS 6351, MAS 6352 or permission of instructor. (3-0)

MAS 7359 Distributed Processing

Methodology and techniques used in distributed processing. Comparison contrast to centralized processing. Benefits, disadvantages and cost effectiveness will be emphasized. In addition, one specific manufacturer's technology will be highlighted. Prerequisites: MAS 6351, MAS 6352 or permission of instructor. (3-0)

MAS 7397 (ED 7303) Internship in Management for Education

The application of planning in administration to the problems of educational institutions; designed to develop diagnostic skills necessary for successful administration of educational systems. May be repeated for credit in several topics. Prerequisites: ED 6307 and ED 6312. (3-0)

MAS 8336 Accounting [Regional-Planning]

MAS 8350 Accounting [Regional-Planning]

MAS 8370 Accounting [Regional-Planning]

MAS 8390 Accounting [Regional-Planning]

GRADUATE PROGRAM IN
MATHEMATICAL SCIENCES

In the section, MATHEMATICAL SCIENCES COURSE DESCRIPTIONS, add and delete courses as follows:

MMS 5118 Introduction to PL/I

An introduction to programming in PL/I. Based primarily on self-study materials. No credit allowed to Mathematical Sciences majors.
(1-0)

MMS 5307 Numerical Computing

Effects of the finite word length on numerical computation, real roots of equations, efficient approximation of functions, manipulation of linear equations and matrices, numerical integration and differentiation, curve fitting. Emphasis on computer implementations.
Prerequisites: Calculus and MMS 5303. (3-0)

~~[5331--Computer Science-III--(3-semester-hours)~~

~~Advanced-programming-techniques+--Structures-programming,-table driven-programs,-File-organization:-Peripheral-device-characteristics,-input/output-structures,-sequential-and-random-access-files,-physical-and-logical-file-organization,-System-programming-fundamentals+--Recursion,-reentrancy,-decision-tables,-Programming practice-in-PL/I-and-job-control-language,-Prerequisite:-MMS-5330,-(3-0)]~~

~~[5337--Survey-of-Programming-Language--(3-semester-hours)~~

~~Structure-of-algorithmic-languages;-expressions-and-statements,-storage-reservation,-data-organization,-looping-control,-linkages.-Study-of-representative-languages:-COBOL,-SNOBOL,-CPSS,-ALCOL,-FORTRAN,-PL/I.-Prerequisites:-MMS-5303-and-3331-with-MMS-5330-recommended,-(3-0)]~~

~~[5340--Digital-Logic-Design--(3-semester-hours)~~

~~Basic-digital-circuits,-data-representation,-Analysis-and-synthesis of-combinatorial-and-clocked-sequential-circuits,-data-representation.-Analysis-and-synthesis-of-combinatorial-and-clocked-sequential circuits,-Medium-and-large-scale-integration-digital-components. Register-transfer-level-representation-of-digital-systems.-Introduction-to-design-of-a-digital-computer.-Prerequisite:-MMS-5330,-(3-0)]~~

MMS 5341 Survey of Computer Architecture

Basic digital circuits. Machine arithmetic. Introduction to register transfer level computer architecture, single and multi-processor organization at the processor-memory-switch level.
Prerequisite: MMS 5330 or knowledge of an assembly language. (3-0)

~~[5345--Data-Structures--(3-semester-hours)-~~

~~Basic-concepts+--Linear-lists,-strings,-arrays,-and-othogonal-lists;-storage-systems-and-structures,-and-storage-allocation;-multilinked-structures;-symbol-tables-and-searching-techniques;-formal-specification-of-data-structures.-Application-to-scientific-and-business systems.-Prerequisite+--MMS-5330-and-5333-or-3319,-(3-0)]~~

MMS 6347 Applied Time Series Analysis

Introduction to the methods and theory for the analysis of data collected over time. The course will cover the commonly used techniques used in both the frequency domain (harmonic analysis) and the time domain (autoregressive, moving average models). Prerequisite: MMS 6337 or 6339 or equivalent. (3-0)

MMS 6348 Applied Multivariate Analysis

The goal of this course is to provide an introduction to the most frequently used techniques of multivariate analysis. The theoretical basis of each technique will be discussed, computer implementation will be reviewed, and multivariate data sets will be analyzed. Topics will include T², MANOVA, principal concepts, discriminant analysis and factor analysis. Prerequisite: MMS 6338. (3-0)

MMS 6349 Digital Logic Design

Data representation. Machine arithmetic, fixed and variable length precision algorithms. Analysis and synthesis of combinational and both synchronous and asynchronous sequential circuits. Medium- and large-scale integration digital components. Fault diagnosis. Simulation of digital circuits. Register-transfer level design of digital systems. Prerequisites: MMS 5330 and 5341. (3-0)

~~[MMS-6350--Systems-Programming--(3-semester-hours)~~

~~Assemblers-and-loaders,--Interrupt-driven-programming,--buffering techniques,--Introduction-to-compilers,--interpreters,--micro-programming,--and-operating-systems,--Prerequisites+--MMS-5331--(3-0)]~~

MMS 6353 Formal Languages and Parsing

Finite and infinite automata. Formal languages and grammars. Decidability and undecidability. Introduction to compiling theory: translation and parsing, LL(k) and LR(k) grammars, deterministic bottom-up parsing, precedence grammars. Prerequisite: MMS 5333. Corequisite: MMS 5334. (3-0)

MMS 6356 Data Structures

Formal specification and representation of lists, arrays, trees, graphs, multilinked structures, strings, recursive pattern structures. Analysis of associated algorithms. Sorting and searching; file structures. Relational data models. Prerequisites: MMS 5330, 5333. (3-0)

~~[MMS-6363--Introduction-to-the-Theory-of-Computation--(3-semester-hours)~~

~~Finite-automata-and-Turing-machines,--decidability-and-undecidability,--formal-languages,--introduction-to-predicate-calculus,--Verification-of-flowhart-programs-and-ALGOL-like-programs,--Flowhart-schemas. Prerequisite+--MMS-5333,--(3-0)]~~

MMS 6371 Structure and Design of Programming Languages

Control structures, primitive operations, data organization. Run time representation and execution. Syntactic and semantic language definition and description. Examples from representative languages. Prerequisites: MMS 5333, 5334. (3-0)

MMS 6378 Operating Systems I

Historical development. Memory management; processor management, including real-time systems. Prerequisite: MMS 5334. (3-0)

MMS 6381 Combinatorial Mathematics

Combinatorics, generating functions, recurrence relations, theory of counting, concepts of dynamic programming, block design. Topics in graph theory, including spanning trees, planar graphs, dominating and independent sets, networks, matching theory. Prerequisite: MMS 5333 (3-0)

MMS 6383 Introduction of Mathematical Logic

Propositional first order and higher order logics: deduction, proof theory, model theory, consistency, compactness, completeness, resolution. Church's thesis. Recursive functions and sets: partial recursive functions, recursive and recursively enumerable sets, the halting problem. Post-Correspondence Problem and other undecidable problems. Recursion theorem. Prerequisite: MMS 5313 or 5333 or background in modern algebra. (3-0)

MMS 7365 Mathematical Theory of Computation

Reducibility orderings and the structure of unsolvability degrees, abstract computational complexity. Verification of programs, schemas, the fixpoint theory of programs. Prerequisite: MMS 6353. (3-0)

MMS 7372 Computer Graphics II

Display of curves and curved surfaces: display system design, three-dimensional display systems. Techniques for remote interactive graphics terminals; languages and compilers for interactive graphics. Hidden line and hidden surface removal for continuous tone and displays. Introduction to computer-aided design and computer animation. Case studies. Prerequisites: MMS 5307, 6366. Corequisite: MMS 6356. (3-0)

MMS 7374 Computer System Architecture

Computer design problems. Instruction sets, memory organization addressing, input/output structures. Higher-level computer structures, such as multi-processor systems and computer networks. Case studies including microprocessors, mini-computers, machines of historical interest, fault tolerance systems, and large-scale machines. Recent advances in computer architecture. Prerequisites: MMS 5334, and either MMS 6351 or permission of instructor. (3-0)

GRADUATE PROGRAM IN PHYSICS

PHYSICS COURSE DESCRIPTIONS

In the section, BASIC COURSES, delete and add courses as follows:

~~[5909-Computer-Organization-and-Usage-(3-semester-hours)
Computer-language;-symbolic-coding;-data-acquisition;-represent-
ation;-and-transfer;-control-functions.--(3-0)]~~

~~[5905-Computer-Languages-and-Applications-(3-semester-hours)
Introductions-into-the-usage-of-the-Fortran;-APL-and-Job
Control-languages-with-applications-to-matrix-diagonalization
and-inversion;-Fourier-analysis;-curve-fitting;-solution-of
finite-difference-equations-and-numerical-integration.--(3-0)]~~

~~[6108-Physics-Seminar-(1-semester-hour)
Special-course-to-prepare-students-for-Oral-Qualifying-Exam
by-helping-them-discover-and-remedy-any-deficiencies-across-the
broad-range-of-physics.--Each-week-the-class-is-given-a-written
exam-question-on-a-different-topic-and-then-meets-again-to-dis-
cuss-the-question-and-related-matters.--(P-F-grading;-may-be
repeated-for-credit.)--(3-0)]~~

~~[6309-Special-Topics-in-Mathematical-Physics-(3-semester-hours)
Topics-vary-from-semester-to-semester.--(May-be-repeated-for
credit.)--(1-0)]~~

PHY 6301 Quantum Mechanics III

Time dependent perturbation calculations, scattering theory,
elementary relativistic quantum theory, radiation, many electron
problem (exchange interaction, Hartree-Fock). (Normally follows
PHYS 6300) (3-0)

In the section, APPLIED PHYSICS, add course as follows:

PHY 8320-8920 Research in Applied Physics

Delete a section as follows:

~~[Plasma-Physics~~

~~5360-Plasma-Generation-(3-semester-hours)
Lecture-and-laboratory-course-on-the-fundamental-properties-of
plasmas-and-their-methods-of-generation;-fundamental-gas-and
surface-processes;-electron-and-ion-motions-in-gases;-breakdown;
measurement-of-plasma-properties.--(2-3)~~

~~6361-Plasma-Waves-and-Radiation-(3-semester-hours)
Magnetoionic-theory;-dispersion-equation;-modes;-phase-and-group-
velocities;-antennas;-and-probes-in-plasma-resonances;-review-of
magnetohydrodynamic-propagation;-anisotropy;-two-stream-and-cross-
field-instabilities.--(Normally-follows-PHY6-6363.)--(3-0)~~

~~6369-Special-Topics-in-Plasma-Physics-(3-semester-hours)
Topics-vary-from-semester-to-semester.--(May-be-repeated-for
credit.)--(3-0)~~

~~8360-8960-Research-in-Plasma-Physics-(3-9-semester-hours)]~~

0202

GRADUATE PROGRAM IN POLITICAL ECONOMY

Amend the section, OBJECTIVES, as follows:

The Program in Political Economy focuses on the study of the interaction of political and economic factors in domestic and international settings. The newly emerging discipline of Political Economy synthesizes relevant parts of all social science disciplines into an integrated view in which culture, society, polity, and economy are recognized as inseparable.

Within this perspective, the program emphasizes training in the analysis of public policy issues. The processes of public policy formation and implementation are embedded in political-economic structures. Thus an understanding of political economy is invaluable to those concerned with specific public policies or programs.

Graduates of the Program in Political Economy may become policy analysts employed by local, state, regional, or federal governments, consulting firms, research institutes, public interest organizations and private industry. They may become professors at universities with interdisciplinary programs emphasizing Political Economy or Public Affairs. Still others may become administrators in public sector institutions.

~~[The Program in Political Economy leading to the degrees of Master of Arts and Doctor of Philosophy emphasizes the interaction of political and economic factors in the public and private sectors. The Program trains students to analyze and evaluate both the impact of political decisions on the operation of private and public economic institutions and the impact of economic enterprises on political life. The requisite tools, background, and knowledge include: a) the fundamentals of economic analysis, b) the public-choice approach to political decision-making, c) economic models of interdependent decision-making, d) the public finance approach to evaluating societal decisions, and e) the use of quantitative tools.~~

~~Political Economy explores the roles of man in political conflict situations in national, international, and multi-cultural settings; the distribution and use of power; and political and economic relations in groups and institutions. The Program in Political Economy strives to provide competence that enables students to analyze, understand, and propose operative solutions to political economic conflicts of consequence to the national and international communities. Stress is placed upon statistical and interdisciplinary research to ensure the widest possible grounding in knowledge relating to political economic behavior.~~

~~Graduates of the Program in Political Economy are prepared to assume professional roles in government, industrial and financial institutions, consumer and public interest organizations, and academia. In many cases, a graduate's interdisciplinary training in the Program will provide opportunities for innovative positions in his chosen area.]~~

Add a section as follows:

SPECIALIZATIONS

There are six principal areas of concentration within the Political Economy Program

Public Sector Administration
Urban Affairs
International Relations and Development
Administration of Justice
Industrial Regulation and Development
Science, Technology and Society*

*Not to be offered 1977-1978.

Delete a section as follows:

[PROGRAMS

~~In addition to a set of basic courses, students will be encouraged to take selected skill modules in areas where they are deemed to be deficient in light of their needs and interests. There are five areas of concentration within the Political Economy Program: a) Theory, Methodology, and Research Skills; b) Urban Political Economy; c) Gross National Political Economy; d) Industrial Political Economy; and e) Public Policy and Public Finance.]~~

Amend the first paragraph in the section, FACILITIES, as follows:

The Political Economy Program offers a wide range of research and educational resources. Students may also find it useful to take courses offered in other graduate programs at the University, such as Environmental Sciences, Mathematical Sciences, Management and Administrative Sciences, and International Management Studies.

~~[Facilities at The University of Texas at Dallas which support other graduate programs are available to students in the Political Economy Program. The resources of the programs in Environmental Sciences, Mathematical Sciences, Management and Administrative Sciences, and International Management Studies are particularly valuable for synthesizing the subjects of political science and economics.]~~

Amend section, SPECIFIC DEGREE REQUIREMENTS, as follows:

Master of Arts

I. Core Courses

A. Courses required of all students

POEC 5301 Theories of Political Economy
POEC 5303 Approaches to Public Policy
POEC 5304 Public Finance and Economic Policy Making
POEC 5309 Policy Research Design and Evaluation
(Module Sequence)

B. Courses required unless waived by examination or prior completion of equivalent work:

- POEC 5305 Microeconomics
- POEC 5306 Macroeconomics
- POEC 5307 Data Analysis I
- POEC 5308 Data Analysis II

II. In addition to the core courses, a student will take three three-hour courses relevant to the Option which he selects. (Lists of option-relevant courses are available in the Program Office.)

III. Professional experience will be gained in a job or research internship for which six hours of academic credit are given. Those with intern-equivalent experience may opt to take two courses culminating in a major paper in lieu of the internship.

IV. The total number of graduate semester hours required to earn the M.A. in Political Economy is 42. For those who have no core courses waived, this will entail taking eight core courses, three courses relevant to the selected option, a professional internship (or its equivalent) which counts as six semester hours, and one elective course. Students who have core course requirements waived (see "B" under Core Courses) may replace these core courses with electives. (Graduate transfer credit may be given for relevant work in other institutions or UTD programs.)

Doctor of Philosophy

To earn the Ph.D., students must fulfill all requirements for the M.A. and complete a total of 90 graduate credit semester hours (including dissertation and the hours fulfilling the Master's requirement). This will normally include 12 semester hours in approved theory and methodology courses such as POEC 6301, Contemporary Theories of Political Economy; POEC 6302, The Political Economy of Distribution; and POEC 6310, Mathematical Modeling. A doctoral dissertation must be prepared and defended. Competence in a foreign language will be required where relevant to a student's program of study.

~~[All students are required to take basic core courses described below. Students pursuing the Master of Arts degree must select one program area for specialization and students pursuing the Ph.D. degree must select two program areas for specialization. Individuals who can demonstrate proficiency in economics and/or statistics may be exempted from some of the basic courses, designated by +.~~

~~For general degree requirements, see "Procedures and Requirements for Graduate Degrees."~~

~~Core Courses~~

- ~~Theories of Political Economy~~
- ~~Approaches to Public Policy~~
- ~~Public Finance and Economic Policy Making~~
- ~~Micro-Economics -- +~~
- ~~Macro-Economics -- +~~
- ~~Data Analysis --- +~~

Public-Policy-and-Public-Finance

- Law-and-Public-Policy*
- Evaluation-Research-for-Social-Programs*
- Public-Policy-Towards-Business*
- Organizational-Behavior*
- State-Local-Finance-and-Budgeting*-
- Political-Economy-of-Intergovernmental-Relations*
- Post-Industrial-America-Institutions-and-Issues*
- The-Political-Economy-of-Developed-Nations*-
- Public-Choice*

Industrial-Political-Economy-

- Public-Policy-Towards-Business*-
- Labor-and-Human-Resources
- Post-Industrial-America---Institutions-and-Issues*
- Technology,-Politics-and-Society*

Urban-and-Regional-Political-Economy

- State-Local-Finance-and-Budgeting*
- Urban-Political-Economy
- Political-Economy-of-Intergovernmental-Relations*
- Urban-Economies
- Regional-Development-Theory-and-Policy-Analysis
- Organizational-Behavior*

Gross-National-Political-Economy

- International-Political-Economy
- The-Political-Economy-of-Developed-Nations*
- The-Political-Economy-of-Developing-Nations
- Technology,-Politics-and-Society
- Organizational-Behavior*

Methodology-and-Research-Skills

- Public-Choice*-
- Evaluation-Research-for-Social-Programs*
- Law-and-Public-Policy
- Communications-Skills
- State-Local-Finance-and-Budgeting*
- Research-Design-and-Methods
- Advanced-Quantitative-Methods

*Courses-in-more-than-one-option

†Other-courses-may-be-substituted-for-these-if-the-candidate has-already-had-acceptable-preparation-in-these-areas.

Master-of-Arts-in-Political-Economy

Each-Master-of-Arts-student-must-complete-the-basic-core-courses in-Political-Economy-(24-semester-hours)-and-select-one-of-two alternate-routes-for-completing-the-requirements:

1.--M.A.-with-Thesis:--3-courses-from-area-of-concentration-(9 semester-hours)

3-courses-of-electives-(9-semester-hours)-
Thesis-(6-semester-hours)

2.--M.A.-with-Examination:--4-courses-from-area-of-concentration (12-semester-hours)

4-courses-of-electives-(12-semester-hours)

The-student-who-elects-the-M.A.-with-thesis-option-prepares-a thesis-which-complements-the-area-of-concentration.--The-student-who elects-the-M.A.-with-examination-option-will-be-expected-to-demonstrate-proficiency-by-examination-in-that-area-of-concentration.

Doctor of Philosophy in Political Economy

Each doctoral student must complete the following requirements:

- A. -- Basic core courses in Political Economy (24 semester hours).
- B. -- Two additional theoretical or methodological courses (6 semester hours).
- C. -- Four courses in one area of concentration (12 semester hours).
- D. -- Three courses in a second area of concentration (9 semester hours).
- E. -- Five additional courses from Program electives and related fields (15 semester hours).
- F. -- Demonstration of proficiency through the completion of both oral and written comprehensive examinations.
- G. -- Preparation of a dissertation prospectus prior to the admission to candidacy.
- H. -- Research which culminates in a doctoral dissertation.

Add a section as follows:

OPTIONS

The Industrial Regulation and Development option is appropriate for people whose positions will require an understanding of industrial behavior and of government's influence on industrial activities. The Program imparts professional training for analytical and managerial jobs in public utilities and regulatory agencies; for consumer advocates; and for governmental and industrial planners. Students selecting this option will take "Industrial Organization" and at least two other related courses.

The Public Sector Administration option is designed to provide students with an understanding of the internal workings of public and private organizations with their institutional environments. Students may focus on the theory of organizational behavior and/or special skills useful in public sector administration. Students wishing to develop certain technical skills or applications areas will be encouraged to pursue a program which includes courses offered by other schools at UT-D. Students selecting this option will take "Organizational Theory" and at least two other related courses.

The Urban Affairs option is designed to prepare students for careers in municipal government, public affairs, urban/regional research and allied fields. Its focus is upon the problems and potentials of urban life, placed within systemic (economic, political, and social) and historical contexts. Students selecting this option will take "Urban Political Economy" and at least two other related courses.

The International Relations and Development option is especially designed for those who plan careers in the international arena (for example, in international organizations and multinational corporations) and for those whose research or policy-making require them to understand the dynamics of world political economy, including the problems of Third World development. Students selecting this option will take "World Political Economy" and at least two other related courses.

The Administration of Justice option involves studying the Functions of law as an instrument of political and economic organization in administering justice. Major foci of study include: why law works the way it does, the political and economic bases of law, and the effects of law on the political economy. Students must complete three approved courses, such as "The Political Economy of Law," "The Political Economy of Crime and Delinquency," and "Administrative Law and Discretionary Justice."

The Science, Technology, and Public Policy option reflects the increasing attention in recent years to the interplay of science, technology, and public policy--both as a focus of academic inquiry and as a perspective essential to the making of policy in such diverse fields as medicine, energy, industrial development, and environmental planning. Students selecting this option will take "Science, Technology, and Society" and at least two other related courses.

Some students entering the Program may have special educational goals which they would like to pursue, but which are not accommodated by any of the standard options. For example, these may include a greater emphasis upon the technical skills of policy design and evaluation, or an emphasis upon an applications area such as health or manpower. A "special option" may be created for such a student with the approval of an adviser and the Program Head.

In the section, POLITICAL ECONOMY COURSE DESCRIPTIONS, delete and add courses as follows:

~~[5302-Public-Choice-(3-semester-hours)
Introduction-to-the-fundamentals-of-public-choice-including
rationality,-self-interest,-utility-theory,-exchange-theory,
cyclical-majorities,-the-paradox-of-voting,-single-peaked-pre-
ferences,-coalitions-of-minorities,-and-theories-of-voting.]~~

POEC 5309 Policy Research Design and Evaluation (Module Sequence)
Issues and methods relevant to the design of policy research and the evaluation of the process and impact of public policies and programs. Consideration of cost-benefit analysis, quasi-experimental designs, clarification of program goals, deciding what can be manipulated through policy, and measurement of impact will be approached through critiques of case studies of policy related research. This course may be divided into three modules so that students with relevant backgrounds will be able to waive one or more of them. May be taken for one or two credits.

~~[5210-Mathematics-Module-(2-semester-hours)
This-short-course-will-introduce-and-familiarize-students-
with-various-topics-in-advanced-mathematics.--The-emphasis
will-be-placed-on-the-application-of-various-techniques:
Included-among-the-topics-of-discussion-will-be-calculus-and
linear-algebra]~~

~~[5211-Computer-Skills-Module-(2-semester-hours)
This-short-course-assumes-no-previous-computer-knowledge:
it-introduces-the-student-to-elementary-computer-operations,
computer-arithmetic-and-elementary-and-intermediate-computer
programming-using-the-BASIC-language]~~

~~[5112-Legal-Problem-Solving-Module-(1-semester-hour)~~

~~The module will include an introduction to the basic Resources of law libraries; the types of questions covered under both common law and statutory law; and common legal techniques such as Shepardising; cross-referencing and keys]~~

~~[5113-Statistical-Resources-Module-(1-semester-hour)~~

~~This will include an introduction to the various sources of data that are most often used in economics; political science and sociology; Data generated by the Bureau of Census; referenced in the Federal Statistical Directory; and accessible through various private corporation and agencies will be discussed]~~

~~[5114-Communication-Skills-Module-(1-semester-hour)~~

~~This module is designed to improve the student's ability to communicate effectively with audiences of various types in addition to platform experiences focusing on the delivery of different types of persuasive oral messages; the student will be introduced to various writing techniques; One segment of the module will emphasize grant writing]~~

POEC 5316 The Policy Report: Research and Presentation (Module Sequence)

The aim of this applied course is to help future policy analysts research, organize, write, and orally present the policy position paper. The following skills exemplify probable course topics: writing the policy paper, executive policy briefing, legal research, statistical sources, library resources and reference systems, organizing and presenting technical data. May be taken for one or two credits.

POEC 5317 Information and Computer Systems (Module Sequence)

The aim of this applied course is to introduce future policy analysts to contemporary information and computer systems. Included will be discussions of the organization and contents of municipal, state, and federal data banks and how they can be used in public policy decision-making. May be taken for one or two credits.

POEC 6300 Economic Analysis of Public Issues

Introduces the logic of economic analysis. Stresses application of microeconomic and macroeconomic theory to important public policy issues, such as pollution, poverty, energy, regulation of industry, inflation, unemployment and union power. (Permission of instructor required for Political Economy graduate students. Primarily intended for students in other graduate programs.)

POEC 6301 Contemporary Theories of Political Economy

An advanced course on recent work in political economy. The course begins with the transitional figures of Schumpeter and Pareto then goes on to look at the effects of the Keynesian revolution before examining work by recent figures such as Samuelson, Arrow, the new Left, and the New Monetarists. The emphasis is on the implications of the works for the nature of modern societies rather than on their more purely economic aspects.

[6301-Law-and-Public-Policy-(3-semester-hours)

An introduction to the legal perspective on public policy. Emphasis on the role of the judicial system in the recent evolution of public policy in selected problem areas]

POEC 6302 The Political Economy of Distribution

An examination of the reasons for the new concern with distribution rather than production and an analysis of the problems attendant upon ensuring an optimal distribution of society's "goods." Particular attention will be paid to the ethical conflicts involved in different distributive criteria, to externalities in distributive policies and to the interdependencies between political, economic and social factors.

[6302-Evaluation-Research-for-Social-Programs-(3-semester-hours)

Methods appropriate to evaluation research will be discussed. Considerations of quasi-experimental designs, clarifying program goals, deciding what can be manipulated through policy, and measuring program consequences. There will be critiques of sample pieces of evaluation research from the literature.]

POEC 6303 Theories of the State

By considering various conceptions and criticisms of the role of public authority in society, this course hopes to further the understanding of the nature and potential of the modern state. Specific topics will include the structure of bureaucracy, the relationship of class to the state, and the constitutional and revolutionary foundations of the state.

POEC 6304 Public Choice

Introduction to the fundamentals of public choice, including rationality, self-interest, utility theory, exchange theory, cyclical majorities, the paradox of voting, single peaked preferences, coalitions of minorities, and theories of voting.

[6304-Public-Policy-towards-Business-(3-semester-hours)

Analysis of how and where the market system fails, necessitating public intervention. In-depth study of the economic theory, history and political and legal aspects of anti-trust policy, regulation and public ownership]

POEC 6305 Labor and Human Resources

Labor supply wage determination theories, occupational and industrial structure, labor movements.

[6305-Organizational-Behavior-(3-semester-hours)

A descriptive and analytic study of human interaction within formal organizations. Topics include bureaucracy, formal vs. informal structure, personal networks, communication flows, and hierarchy and control]

POEC 6306 History of Economic Thought

A survey of economic analysis from Adam Smith and his precursors through Ricardo, Malthus, Mill, Walras, Marx, Bohm-Bawerk, Schumpeter, and Keynes to Samuelson, Friedman, and Arrow.

[6306-State-Local-Finance-and-Budgeting-(3-semester-hours)
Economic-analysis-of-the-taxing-and-spending-activities-of
states-and-local-governments,-with-attention-to-budgeting-prac-
tices-and-the-solution-of-actual-fiscal-problems]

POEC 6307 Political Economy in Cultural Perspective
An explanation of cultural variation within and among nations,
and the relevance of such variation to policy design, implementa-
tion, and evaluation.

[6307-Political-Economy-of-Intergovernmental-Relations-(3-semester-hours)
An-analysis-of-public-policies-in-the-intergovernmental-system
(e.g. welfare, education, housing and community affairs) with
special-attention-to-implications-for-taxation-and-expenditures]

POEC 6308 Research Design and Methods
Topics include research design, questionnaire construction,
sampling, interviewing and mail questionnaires, coding and data
preparation scaling and index construction, reporting and
interpretation of results of analysis.

[6308-Post-Industrial-America-Institutions-and-Issues-(3-semester-hours)
Industrial-evolution,-political-development,-and-public
policy's-role-from-1900-to-1975,-The-interplay-of-economic-change
and-public-policy,-as-illustrated-in-such-issues-as-the-decline-of
the-older-city,-technological-change-and-minority-jobs,-tax-
policy,-capital-accumulation-and-income-distribution]

POEC 6309 Advanced Quantitative Methods
Time series analysis, linear programming and conceptual uses
of other techniques such as non-linear regression, information
statistics, Markov chains, and input-output analysis.

[6309-Technology,-Policy-and-Society-(3-semester-hours)
The-input-of-interest-groups-in-decision-making-concerning
technology,-the-impact-of-technology-on-general-social-equilibrium
(with-special-attention-to-role-diversification,-family-socializa-
tion,-etc.)-in-industrial-and-less-developed-countries,-and-the
question-of-retreat-from-technological-advance]

POEC 6310 Mathematical Modeling
The formal development of the theories and models relevant
to political economy. Topics may include theories of economic,
political and social organization and behavior, using techniques
drawn from the mathematical sciences.

[6310-Labor-and-Human-Resources-(3-semester-hours)
A-survey-of-the-economies-of-labor,-Topics-include
comparative-labor-movements,-the-theory-of-wages-and-employment,-
collective-bargaining,-supply-of-labor,-human-capital-analysis,-
and-public-policy-toward-labor]

POEC 6319 Special Topics in Political Economy
Subject will vary according to programmatic needs, student
interests, and faculty expertise. May be repeated with
permission of the Program Head.

POEC 6320 Organizational Theory
Human interaction within formal organizations. Bureaucracy,
formal versus informal structure, personal networks, communications
flows, hierarchy and control. Relationships between organizations.

~~{6321--Urban-Political-Economy--(3-semester-hours)}~~~~Examines-relationships-between-the-economic-base-of-urban areas-and-the-operant-political-structures-as-they-interact-on various-aspects-of-urban-policy.--Topics-include-types-of-city government-organization,-urban-service-provision,-electoral politics-and-political-aspects-of-urban-growth-and-suburbanization.~~POEC 6322 Approaches to the Study of Public AdministrationAn introduction to the perspective of the main schools of thought in contemporary public administration. Analytic consideration will include organization science, general systems analysis, functionalist, ecological, decision-making, and conflict approaches.~~{6322--Urban-Economics--(3-semester-hours)}~~~~The-political-economy-of-urban-development-and-metropolitan spatial-structure-in-younger-and-older-American-cities.--The course-will-cover-urban-renewal,-land-markets-and-urban-and regional-growth,-and-their-bearing-on-minority-job-opportunities and-metropolitan-fiscal-relations}~~POEC 6323 State and Local Finance BudgetingAn analysis of the taxing and spending policies of states and local governments, with special attention to budgeting practices and the solution of actual fiscal problems.~~{6323--Regional-Development-Theory-and-Policy-Analysis-(3-semester-hours)}~~~~Investigating-the-causes-of-declining-areas-primarily-in-developing-nations-and-policies-to-arrest-it.--Models-include cumulative-causation,-interindustry-linkage-models,-diffusion theory,-growth-pole-and-growth-center-theory-and-neoclassical models}~~POEC 6324 Public Administration AccountingAn introduction to fund accounting, budgetary accounts and control, break-even, variance and cost analysis. The focus is on accounting systems for governmental units.~~{6330--Topics-in-Cross-National-Political-Economy-(3-semester-hours)}~~~~Topics-vary-from-semester-to-semester.--(May-be-repeated-for credit)}~~~~{6334--International-Political-Economy-(3-semester-hours)}~~~~A-survey-of-the-economics-of-the-world-economy+--Institutions, international-trade-theory,-international-finance,-the-role-of multinational-corporation,-political-and-economic-integration, and-the-role-of-the-oil-exporting-countries}~~

~~{6335-The-Political-Economy-of-Developing-Nations-(3-semester-hours)}~~

~~The-political-economy-of-the-development-process,-with-emphasis upon-the-developing-nations.--Topics-include-the-nature-of-under-development;-the-role-of-population-growth;-investment-policies;-market-versus-nonmarket-strategies;-international-trade-and assistance;-the-role-of-culture-and-tradition-in-the-development process;-and-relationships-between-political-and-economic-development}~~

~~{6336-The-Political-Economy-of-Developed-Nations-(3-semester-hours)}~~

~~Compares-the-interaction-between-politics-and-economics-in developed-countries;-looking-at-the-relation-between-different political-and-socioeconomic-systems-and-economic-organization and-output.--Particular-attention-will-be-paid-to-the-effects of-indicative-and-central-planning.~~

POEC 6339 Special Topics in Public Sector Administration

Subject will vary according to programmatic needs, student interests, and faculty expertise. May be repeated with permission of the Program Head.

POEC 6340 Urban Political Economy

Attempts to provide context for, and overview of "theories" of urban political economy. Emphasis will be on recurring themes in various social science disciplines as they relate to the study of the city.

POEC 6341 Urban Analysis

Methods and models for understanding urban processes. Includes analysis of urban growth, land use patterns, transportation systems, residential, commercial and manufacturing patterns, and cognitive structuring of urban areas.

~~{6341-Social-Control-of-Industry-(3-semester-hours)}~~

~~Analysis-of-how-and-where-the-market-system-fails;-necessitating-public-intervention;-in-depth-study-of-the-economic-theory;-history;-and-political-and-legal-aspects-of-anti-trust-policy;-regulation-and-public-ownership}~~

POEC 6342 Intergovernmental Relations

An analysis of public policies in the intergovernmental system (e.g., welfare, education, housing and community affairs) with special attention to implications for taxation and expenditures.

~~{6342-Political-Economy-of-the-Consumer-(3-semester-hours)}~~

~~Political,-economic,-and-legal-aspects-of-the-role-of-the-consumer-in-American-society;-the-role-of-consumer-organizations;-the-use-of-the-courts;-lobbying;-and-the-political-economy-of environmental-quality}~~

POEC 6343 Comparative Urban Administration

A survey of administrative strategies for organizing cities. The course will include not only government institutions but private institutions as well.

{6343-Labor-Economics-(3-semester-hours)}

A survey of the economics of labor. Topics include comparative labor movements, the theory of wages and employment, collective bargaining, supply of labor, human capital analysis, and public policy toward labor.

POEC 6344 Urban Service Delivery and the Quality of Urban Life

An examination of policy outputs, impacts, and outcomes, judged from the perspectives of experts and various citizen groups.

POEC 6345 Urban and Regional Gaming Simulation

The student is introduced to urban and regional location models through the use of a variety of simple games before undertaking an investigation of one or two complex simulation games. Discussions concern the application of simulation gaming to public policy analysis of urban and environmental issues.

{6347-Communication-Skills-(3-semester-hours)}

The development and defense of policy positions, through both written policy position papers and oral presentation. Emphasis will be on the form, style and effectiveness of presentation.

{6348-Research-Design-and-Methods-(3-semester-hours)}

Topics include research design, questionnaire construction, sampling, interviewing and mail questionnaire, coding and data preparation, sealing and index construction and analysis, reporting, and utilization of results.

{6349-Advanced-Quantitative-Methods-(3-semester-hours)}

Time-series analysis, linear programming and conceptual uses of other techniques such as non-linear regression, information statistics, Markov chains, and input-output analysis.

{6350-Topics-in-Industrial-Political-Economy-(3-semester-hours)}

Topics vary from semester to semester (May be repeated for credit.)

POEC 6359 Special Topics in Urban Political Economy

Subject will vary according to programmatic needs, student interests, and faculty expertise. May be repeated with permission of the Program Head.

POEC 6360 World Political Economy

An overview of the social, political, economic, and cultural forces that determine the nature of international affairs. The course will emphasize the growing economic and political interdependence among the nations of the world.

POEC 6361 Regional Development Theory and Policy Analysis

Investigates the causes of growth and decline in the less developed areas of the world and considers policy alternatives. Models studied include cumulative causation, interindustry linkage, diffusion, growth pole and growth center, and neo-classical.

~~{6361-History-of-Economic-Thought-(3-semester-hours)}~~

~~A survey of economic analysis, from Adam Smith and his precursors through Ricardo, Malthus, Mill, Walras, Marx, Bohm, Bawart, Schumpeter, and Keynes to Samuelson, Friedman, and Arrow}~~

POEC 6362 International Economics

A survey of the economics of the world economy: institutions, international trade theory, international finance, the role of multinational corporations, economic integration, and the role of the oil exporting countries.

POEC 6363 The Political Economy of Multinational Business

Conduct, structure, and performance of multinational corporations in the international arena. The influence of multinational enterprise on international relations is examined through a broad range of readings which view the multinational corporation from historical, analytical, and radical perspectives.

POEC 6364 Models of Economic Development: Capitalism, Socialism & Economic Planning

A comparative study of alternative approaches to economic development. A historical perspective on how the different modes of planning arose as responses to the needs of capitalism and socialism, the limits of planning in developing countries will be emphasized, and the role of ideology will be among the course's foci.

POEC 6365 The Political Economy of the Communist World

This course will provide an introduction to contemporary communist views on political economy, an overview of the domestic and regional political economies of communist countries, and an examination of their foreign policies and practices.

POEC 6366 Special Topics in Area Studies (Africa, Asia, Latin America, Europe, Middle East)

Topics vary from semester to semester. (May be repeated for credit.)

~~{6370 Topics in Public Choice (3-semester hours)}~~

~~Topics vary from semester to semester. (May be repeated for credit)}~~

POEC 6379 Special Topics in International Relations & Development

Subject will vary according to programmatic needs, student interests, and faculty expertise. May be repeated with permission of the Program Head.

POEC 6380 Science, Technology and Society

The study of technology's relation to industrial evolution and political development, and of the confluence of science, technology, and government in the twentieth century. Discussion of values, policy-making, and the "technological imperative."

POEC 6381 Post Industrial America - Institutions and Issues

Industrial evolution, political development, and public policy's role from 1900 to 1975. The interplay of economic change and public policy, as illustrated in such issues as the decline of the older city, technological change and minority jobs, tax policy, capital accumulation and income distribution.

POEC 6382 Technology and Public Policy

An examination of the development of approaches to public policy designed to implement greater consistency between policy and the general technological objective of contemporary society. Both specific "technical" policy approaches and the problems they create in political and social organization will be given attention.

POEC 6383 Technological Assessment & Forecasting

Assessment of the past, present, and future impact of technology in economic, political, social, and cultural domains. A variety of methodologies involved in forecasting will also be examined.

POEC 6399 Special Topics in Science, Technology, and Public Policy

Subject will vary according to programmatic needs, student interests, and faculty expertise. May be repeated with permission of the Program Head.

POEC 7300 The Political Economy of Law

The historical analysis of the relationship between law and political economy; the development of law and jurisprudence; and analysis of types of law as they are affected by economic and political concerns.

~~{7101-7960-Special-Topics-in-Political-and-Economic-Theory}~~

~~{7101-7901-Special-Topics-in-Political-and-Economic-Theory}~~

~~{7110-7910-Special-Topics-in-Public-Choice}~~

~~{7120-7920-Special-Topics-in-Public-Policy-and-Finance}~~

~~{7130-7930-Special-Topics-in-Industrial-Political-Economy}~~

~~{7140-7940-Special-Topics-in-Urban-and-Regional-Political-Economy}~~

~~{7150-7950-Special-Topics-in-Gross-National-Political-Economy}~~

~~{7160-7960-Special-Topics-in-Methodology-and-Research-Skills}~~

POEC 7301 The Political Economy of Crime and Delinquency

A critical examination of the political process of criminalization. While some acts such as rape and murder within one's group are universally forbidden, many other acts are criminalized on the basis of particulars within the political and economic organization of the social order. The nature of criminalization and the reasoning behind it are examined through examples of case law and behavioral science research.

POEC 7302 The Political Economy of Social Control

The techniques of defining deviants, the manner in which socially defined deviants are administered to by the state, and the legal basis for this action are analyzed from political, economic and social perspectives. The relationship between the economic and political environment of an organization and the means by which it seeks to control its components are examined.

POEC 7303 Administrative Law Discretionary Justice

Administrative Law refers to laws concerning the powers and procedures of administrative agencies, including the laws governing the review of administrative action. Since the rise of administrative agencies has been a significant legal trend in the last fifty years, the course examines the development of the administrative process, its growth, and its effect on the regulation of the economy.

POEC 7304 Law and Public Policy

An introduction to the legal perspective on public policy. Emphasis on the role of the judicial system in the recent evolution of public policy in selected problem areas.

2107

POEC 7319 Special Topics in the Administration of Justice

Subject will vary according to programmatic needs, student interests, and faculty expertise. May be repeated with permission of the Program Head.

POEC 7320 Industrial Organization

The study of pricing and other behavior of firms in different types of markets and under varying degrees of regulation. Includes discussion of the estimation and use of demand and cost functions.

POEC 7321 Public Policies Toward Business

Description and analysis of the major regulatory activities found at the federal, state and local levels. Includes discussion of the rationale behind regulation and anti-trust policy.

POEC 7322 Political Economy of the Consumer Movement

Political, economic, and legal aspects of the consumer movement in American society, the role of consumer organizations, the use of the courts, and lobbying.

POEC 7323 Public Utilities: Economics and Regulation

The study of such public utilities issues as asset valuation, financing, rate structures, and load- and cost-forecasting. Assesses the implications of utility regulation and public ownership.

POEC 7324 Industrial Location Theory and Planning

An examination of classical location theory and its subsequent integration with the theory of industrial organization. Discussion of locational decision-making, industrial linkages, agglomeration economies, and planning for industrial development.

POEC 7339 Special Topics in Industrial Regulation and Development

Subject will vary according to programmatic needs, student interests, and faculty expertise. May be repeated with permission of the Program Head.

POEC 7340 Policy Choice as Value Conflict

Attention will be directed to problems of public policy choices with respect to how awareness of problems arises, conflicting definitions of problems, redefinition in terms of evaluative criteria and how ethical criteria may be translated into specific criteria of choice. The crafting of policy alternatives, estimation of expected consequences and their relation to evaluative criteria of choice will be emphasized along with matters pertaining to feasibility of enactment and implementation.

POEC 7341 Policy Design and Evaluation in Housing

An in-depth examination of the design and evaluation of housing from the perspective of policy analysis. Community specialists may be invited to several sessions, and an agency or project site visit may be arranged.

POEC 7342 Policy Design and Evaluation in Manpower

An in-depth examination of the design and evaluation of manpower from the perspective of policy analysis. Community specialists may be invited to several sessions, and an agency or project site visit may be arranged.

POEC 7343 Policy Design and Evaluation in Transportation

An in-depth examination of the design and evaluation of transportation from the perspective of policy analysis. Community specialists may be invited to several sessions, and an agency or project site visit may be arranged.

POEC 7344 Policy Design and Evaluation in Income Maintenance

An in-depth examination of the design and evaluation of income maintenance from the perspective of policy analysis. Community specialists may be invited to several sessions, and an agency or project site visit may be arranged.

POEC 7345 Policy Design and Evaluation in Health Care

An in-depth examination of the design and evaluation of health care from the perspective of policy analysis. Community specialists may be invited to several sessions, and an agency or project site visit may be arranged.

POEC 7346 Policy Design and Evaluation in Aging and the Aged

An in-depth examination of the design and evaluation of the aged and aging from the perspective of policy analysis. Community specialists may be invited to several sessions, and an agency or project site visit may be arranged.

POEC 7347 (ED 6326) Public School Finance and Budgeting

An examination of public school revenue-raising and budgeting problems, with consideration of current finance issues in realistic operational situations. Special attention given to public school finance in Texas.

POEC 7348 Cost-Benefit Analysis

The problems of specifying and estimating the costs and benefits relevant for project and program evaluations. Includes discussions of the differences between private and social consequences, the treatment of uncertainty, the appropriate discount rates for long term projects, and alternative choice criteria. Case studies will be used.

POEC 7359 Special Topics in Policy Research and Evaluation

Subject will vary according to programmatic needs, student interests, and faculty expertise. May be repeated with permission of the Program Head.

POEC 8197-8997 Internship

POEC 8198-8998 Thesis

(May be repeated for credit.)

POEC 8199-8999 Dissertation

(May be repeated for credit.)

~~{8398-Thesis-(3-semester-hours)}~~

~~{8399-Dissertation-(3-semester-hours)}~~

GRADUATE PROGRAM IN SPECIAL EDUCATION

In the section, SPECIFIC DEGREE REQUIREMENTS, amend as follows:

For general degree requirements, see "Graduate Degree Requirements."
[~~Procedures and Requirements for Graduate Degrees~~]

- (1) ~~[A.]~~ A prerequisite broad knowledge in the behavioral sciences (i.e., psychology, sociology and education).
- (2) The satisfactory completion of at least thirty-nine semester hours of graduate work, including a thesis (optional). If ED 6300 is taken to satisfy requirements for the Professional Certificate, the total requirement becomes forty-two hours.
- (3) This course work must include SED 5300, 5301, 5302, 5303, 8303 (Topic 1), and 8306. Exemption from one or more of these courses may be granted by the Head of the Graduate Program in Special Education for those students demonstrating competency by examination or other appropriate means.
- (4) A formal investigation reported in thesis format (six semester hours of SED 8398 and 8399). Six hours of course work may be substituted for the thesis, with the approval of the adviser.
- (5) Course distribution requirements are as follows: eighteen semester hours of core course work, and fifteen (with thesis) or twenty-one (without thesis) semester hours of specialized course work. Selection of the specialization area, or an approved combination of areas, is determined by the prior training and career aspirations of the student and the recommendation of the faculty adviser.

~~[B.] A formal investigation project reported in thesis format which reports data showing the effects of measurable intervention techniques.~~

~~C.] The satisfactory completion of at least thirty-six semester hours of graduate course work.~~

~~D.] This course work must include SED 5300, SED 5301, SED 5302, SED 5303 and 8306 as well as a thesis. Credit for one or more of these core courses may be granted by the Head of the Graduate Program in Special Education for those students demonstrating competency by examination or other appropriate means.~~

~~E.] Course distribution requirements are as follows:~~

~~1.] Eighteen semester hours of core course work, including a thesis.~~

~~2.] Eighteen semester hours of specialized course work. Selection of the specialization is predicated upon the prior training of the student, the recommendation of the faculty, and career aspirations of the student.]~~

2. In the section, SPECIAL EDUCATION COURSE DESCRIPTIONS, delete and add courses as follows:

SED 8303 Seminar on Exceptional Persons

Students may take the following topics: (1) Research Methods

in Special Education, (2) Differential Diagnosis: Interdisciplinary Team, (3) Current Research in Exceptional Persons, (4) Research on Learners with Visual Problems, (5) Research on Learners with Auditory Problems, (6) Research on Gifted and Talented Persons, (7) Research on Severely, Profoundly and Multiply Impaired Persons. (May be repeated for credit.)

~~[8303--Problems-in-the-Education-of-the-Visually-Handicapped
(8-semester-hours)~~

~~Discussion-of-research-on-visually-impaired-persons-plus-introduction-to-and-experience-with-specialized-strategies-for-teaching-blind-or-partially-sighted-children-with-additional-handicaps.]~~

SED 8307 Problems in the Education of the Visually Handicapped

Discussion of research on visually impaired persons plus introduction to and experience with specialized strategies for teaching blind or partially sighted children with additional handicaps.

SED 8308 Problems in the Education of the Severely/Profoundly and Multiply Impaired

Provides orientation to role of teacher of the severely/profoundly and multiply impaired person, including: current legislation and litigation; characteristics, assessment and educational needs of the severely/profoundly and multiply impaired; training in the design, implementation and evaluation of an individualized educational program for this population; and coordination of the educational program with other therapies needed by the severely/profoundly and multiply impaired.

SED 8398-8399 Thesis

A two-semester sequence of thesis work.

~~{8398--Thesis-(3-semester-hours)}-~~

EP-32-13 + 4 lines

Cont. In HSCSA

Pat - see me about CC 20 on

② check Dates of transfers

CC was Nov. 1976 just

now report

PART TWO

THE UNIVERSITY OF TEXAS AT EL PASO
El Paso, Texas

March 10, 1977

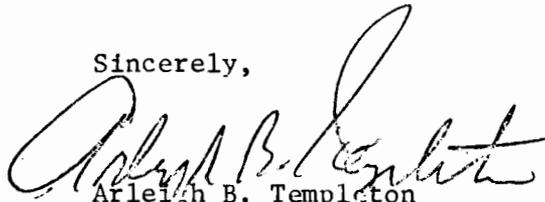
Deputy Chancellor E. D. Walker
The University of Texas System
601 Colorado
Austin, Texas 78701

Dear Deputy Chancellor Walker:

The docket for the April 15, 1977 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



Arleigh B. Templeton
President

THE UNIVERSITY OF TEXAS AT EL PASO
El Paso, Texas

Docket for Meeting April 15, 1977

D T F

GIFTS

The following gifts have been received and I recommend acceptance by the Board:

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
Mrs. Sue Elizabeth Comer c/o Mr. John J. Kutac Assistant Vice President and Trust Officer First City National Bank of Houston P. O. Box 809 Houston, Texas 77002	For the School of Nursing	\$ 5,000.00
*Hervey Foundation Trustees P. O. Box 20888 El Paso, Texas 79998	The Excellence Fund for 1976	\$ 5,000.00

* No Letter of transmittal received from donor.

THE UNIVERSITY OF TEXAS AT EL PASO
Grants, Contracts and Amendments (Non-Federal)
April 15, 1977

20 x 5

The following contract has been signed by the appropriate official upon the recommendation of the respective technical directors. I recommend approval and ratification of the signatures.

1. Amendment Number One, undated, to the "Contract for Personnel Training" between the Texas State Department of Public Welfare and The University of Texas at El Paso whereby the Commissioner, State Department of Public Welfare, 200 East Riverside Drive Austin, Texas 78701, provides that the contract executed on September 1, 1976 supersedes all previous contracts for the training of the personnel of the Department by the University. No cost is involved in this amendment.
2. Letter award, dated August 18, 1976, whereby the Commissioner, State Department of Public Welfare, John H. Reagan Building, Austin, Texas 78701, awards \$108,257.22 for the Undergraduate Social Welfare Training Program for the period September 1, 1976 through August 31, 1977. The University of Texas at El Paso will contribute \$32,477.16 for a total grant award of \$140,734.38. The majority of the expenditures from this award will be made in El Paso County.
3. Grant No. 77-850-017, dated January 21, 1977, whereby the Commissioner of Higher Education, Coordinating Board, Texas College and University System, Lyndon B. Johnson State Office Building, P. O. Box 12788, Capitol Station, Austin, Texas 78711, awards \$8,207.00 for the Texas Statewide Corrections Intern Program for the period January 17, 1977 through May 31, 1977. The majority of the expenditures from this award will be made in El Paso County.
4. Renewal Grant AH-528 by which The Robert A. Welch Foundation, Houston Texas, provides an additional sum of \$60,000.00 for support of research entitled "Molecular Reactions and Theoretical Organic Chemistry". The grant renewal is effective for the period June 1, 1977 through May 31, 1980 at \$20,000.00 per year. The research will be under the direction of Dr. William C. Herndon, Professor in the Department of Chemistry. The majority of the expenditures from this award will be made in El Paso County.

THE UNIVERSITY OF TEXAS AT EL PASO
Contracts, Grants and Amendments (Federal)
 April 15, 1977

H
K
L

The following contracts, grants, and amendments have been negotiated and have been signed by me upon the recommendation of the directors of the projects. I recommend your approval and ratification of the signatures.

1. Modification No. P00002, dated October 1, 1976, to Contract No. DAEA18-76-C-0019, whereby the Contracting Officer, Procurement Division, Headquarters, Fort Huachuca, P. O. Box 748, Fort Huachuca, Arizona 85613, awards \$57,448.00 for the project entitled "Atmospheric Transmittance Study" for the period October 1, 1976 through September 30, 1977. The majority of the expenditures from this award will be made in El Paso County.
2. CPB No. 5321/70271, dated December 9, 1976, whereby the Corporation for Public Broadcasting, 1111 16th Street, N. W., Washington, D. C. 20026 awards an additional \$21,088.00 for a 1977 Radio Community Service Grant for the period July 1, 1976 through September 30, 1977. The amount of \$4,875.00 was awarded during the Supplemental period making the total amount of the award \$25,963.00. The majority of the expenditures from this award will be made in El Paso County.
3. Letter approval, dated December 10, 1976, to Grant Number 2 R01 MH26108-02, whereby the Grants Management Specialist, Grants and Contracts Management Branch, National Institute of Mental Health, 5600 Fishers Lane, Rockville, Maryland 20852, extends the termination date of the grant to June 30, 1977. No additional cost is involved in this extension.
4. Grant No. 5 S06 RR08012-06 GRS, dated December 16, 1976, whereby the Director and the Grants Management Officer, Minority Biomedical Support Program, Division of Research Resources, National Institutes of Health, Bethesda, Maryland 20014, award \$16,963.00 for the continuation of the Biomedical Research Intern Program for the budget period January 1, 1977 through May 31, 1977. The majority of the expenditures from this award will be made in El Paso County.
5. Contract No. V349V-2721, dated January 1, 1977, whereby the Director, V. A. Regional Office, Waco Texas, awards \$32,424.26 for the administration and interpretation of standardized examination and psychological tests and the counseling of an average of 30 veterans per month during the period January 1, 1977 through December 31, 1977. The majority of the expenditures from this award will be made in El Paso County.
6. Modification No. P00003, dated January 1, 1977, to Contract No. DAEA18-76-C-0019, whereby the Contracting Officer, Procurement Division, Headquarters, Fort Huachuca, P. O. Box 748, Fort Huachuca, Arizona 85613, changes the contract specifications as follows: (1) Paragraph 3 of the Purchase Description is clarified and amended by the addition of paragraph 3.3; (2) Sequence No. A004 is added to DD Form 1423, Exhibit A to the contract. No additional cost is involved in this Modification.
7. Revision No. 7, dated January 17, 1977, to Grant No. OEG-6-73-1101, whereby the Grants Officer, Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, deobligates \$36.00 of unexpended funds from the previous amount of \$474,140.44 to bring the total amount of the grant to \$474,104.44.

8. Letter approval, dated February 3, 1977, to Grant No. DAHC04-75-G-0102, whereby the Chief, Procurement Office, Department of the Army, U. S. Army Research Office, P. O. Box 12211, Research Triangle Park, North Carolina 27709, approves certain personnel changes under the referenced grant. No cost is involved in this entry.

THE UNIVERSITY OF TEXAS AT EL PASO
Amendments to 1976-77 Operating Budget
 April 15, 1977

EDUCATIONAL AND GENERALGENERAL ADMINISTRATION AND STUDENT SERVICESOffice of Student Affairs

1. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 91.00
To: Classified Salaries	91.00
For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)	

Office of the Business Manager

2. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 357.91
To: Classified Salaries	357.91
For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)	

Student Financial Aid and Placement

3. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 24.63
To: Classified Salaries	24.63
For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)	

Personnel Office

4. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 23.25
To: Classified Salaries	23.25
For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)	

GENERAL INSTITUTIONAL EXPENSEDevelopment Office

Accept the resignation of Maxine V. Neill, Assistant Director, effective December 31, 1976, and lapse to Unallocated Salaries - Other \$9,000.00 budgeted for this position. (RBC 369)

Accept the resignation of Jay S. Gaenzle, Director, effective January 7, 1977, and lapse to Unallocated Salaries - Other \$11,790.88 budgeted for this position. (RBC 419)

Appoint James M. Peak as Director effective January 17 through August 31, 1977, at an annual rate of \$25,000.00 with the necessary funds in the amount of \$5,591.37 to come from Unallocated Salaries - Other. (RBC 440)

GENERAL INSTITUTIONAL EXPENSE (CONTINUED)Information Services

8. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 319.85
To: Classified Salaries	319.85

For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)

Office of Institutional Studies

9. Accept the resignation of Jamie L. Bowen, Director, effective at noon January 10, 1977, and lapse to Unallocated Salaries - Other \$11,796.78 budgeted for this position. (RBC 374)

Office Supplies and Duplicating Services

10. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 139.03
To: Classified Salaries	139.03

For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)

STAFF BENEFITSLump Sum Payments - Vacation and Sick Leave

11. Transfer of Funds:

From: Unallocated Salaries - Other	\$29,000.00
To: Lump Sum Payments - Vacation and Sick Leave	29,000.00

For: Transfer from Unallocated Salaries - Other to set up a new account effective January 1, 1977 for the lump sum payment for vacation and sick leave to non-teaching terminating employees. (RBC 390)

RESIDENT INSTRUCTIONCOLLEGE OF BUSINESS ADMINISTRATIONAccounting

2. Change the status of Jai S. Kang (non-tenure) from Assistant Professor to Assistant Professor (Visiting) effective December 1, 1976 through January 15, 1977, and adjust his nine-months rate from \$17,000.00 to \$15,000.00 lapsing to Unallocated Salaries - Faculty \$8,833.37 budgeted for this position. His appointment period is also changed from the 1976-77 Long Session to the 1976 Fall semester only. He did not complete all the requirements for his doctorate. (RBC 359)

3. Reappoint Jai S. Kang (non-tenure) as Assistant Professor effective January 15, 1977 for the 1977 Spring Semester, and adjust his nine-months rate from \$15,000.00 to \$17,000.00 with the necessary funds in the amount of \$8,500.00 to come from Unallocated Salaries - Faculty. He has now completed all the requirements for his doctorate. (RBC 409)

4. Reappoint Dwight L. Shewmaker (non-tenure) as Instructor (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$3,000.00 to come from Unallocated Salaries - Faculty. (RBC 472)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF BUSINESS ADMINISTRATION (CONTINUED)Accounting (Continued)

5. Reappoint Angela W. Finley (non-tenure) as Instructor (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 524)

16. Change the status of Charles M. Fruithandler (non-tenure) from Instructor (1/4 Time) to Instructor (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$9,600.00 with the necessary funds in the amount of \$1,200.00 to come from Unallocated Salaries - Faculty. He will also serve as Instructor (1/3 Time) in the Department of Business for the 1977 Spring Semester. (RBC 525)

17. Reappoint James R. McDaniel (non-tenure) as Instructor (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$3,000.00 to come from Unallocated Salaries - Faculty. (RBC 527)

18. Appoint Mark K. Nering (non-tenure) as Teaching Assistant (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,500.00 to come from Unallocated Salaries - Faculty. (RBC 569)

19. Reappoint Murray J. Manning (non-tenure) as Instructor (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$9,600.00 with the necessary funds in the amount of \$1,200.00 to come from Unallocated Salaries - Faculty. (RBC 575)

20. Appoint George R. Bryan (non-tenure) as Lecturer (1/2 Time) effective January 26, 1977 for the remainder of the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,863.78 to come from Unallocated Salaries - Faculty. (RBC 591)

Business

21. Appoint Stanley Arbeit (non-tenure) as Associate Professor (Visiting) effective January 16, 1977 for the 1977 Spring Semester, at a nine-months rate of \$12,000.00 with the necessary funds in the amount of \$6,000.00 to come from Unallocated Salaries - Faculty. (RBC 461)

22. Reappoint Hector M. Zavaleta (non-tenure) as Assistant Professor (Visiting) (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$14,342.00 with the necessary funds in the amount of \$3,586.00 to come from Unallocated Salaries - Faculty. (RBC 462)

3. Appoint Cornelis V. van Spronsen (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 463)

4. Reappoint John K. Hawley (non-tenure) as Instructor (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 509)

5. Appoint Herbert C. Ayer (non-tenure) as Adjunct Professor effective January 5, 1977 for the 1977 Spring Semester, without salary from the University. (RBC 510)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF BUSINESS ADMINISTRATION (CONTINUED)Business (Continued)

26. Reappoint Edward W. Frederickson (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 517)
27. Appoint Charles M. Fruithandler (non-tenure) as Instructor (1/3 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$9,600.00 as Instructor of Accounting with the necessary funds in the amount of \$1,600.00 to come from Unallocated Salaries - Faculty. He will also serve as Instructor (1/2 Time) in the Department of Accounting for the 1977 Spring Semester. (RBC 526)
28. Appoint Billy G. Matthews (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 528)
29. Appoint William A. Gilluly (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 529)
30. Appoint Robert S. Davis (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 530)
31. Reappoint David R. Rosado (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$9,570.00 with the necessary funds in the amount of \$1,196.00 to come from Unallocated Salaries - Faculty. (RBC 573)
32. Appoint Patricia A. Glover (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 581)
33. Appoint David T. Toner (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 582)

economics and Finance

34. Reappoint Richard J. Pane (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$9,200.00 with the necessary funds in the amount of \$1,150.00 to come from Unallocated Salaries - Faculty. (RBC 464)
35. Reappoint Robert W. Heider, Jr. (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,800.00 with the necessary funds in the amount of \$2,200.00 to come from Unallocated Salaries - Faculty. (RBC 465)
36. Appoint Pearse E. Nolan (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 466)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF BUSINESS ADMINISTRATION (CONTINUED)Economics and Finance (Continued)

37. Reappoint Louis L. Mollinary (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$9,200.00 with the necessary funds in the amount of \$1,150.00 to come from Unallocated Salaries - Faculty. (RBC 467)

38. Reappoint John M. Issa (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 468)

COLLEGE OF EDUCATIONCurriculum and Instruction

39. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 65.42
To: Classified Salaries	65.42
For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)	

40. Accept the resignation of Marie E. Barker (tenure), Assistant Professor, effective January 15, 1977 and lapse to Unallocated Salaries - Faculty \$8,128.00 budgeted for this position. She will serve as Director in HEW Grant G007604771 - Bilingual Education Training Opportunity - FY 77. (RBC 395)

41. Change the status of Jorge A. Descamps (non-tenure) from Assistant Professor (Full-time) to Assistant Professor (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$16,250.00 and lapse to Unallocated Salaries - Faculty \$2,031.00 budgeted for this position. He will also serve as Assistant Professor (1/4 Time) in Grant G-007501784 - Revision I Teacher Corps, 10th Cycle, 2nd Year. (RBC 410)

42. Reappoint Bertha G. Perez (non-tenure) as Assistant Professor (Visiting) effective January 16, 1977 for the 1977 Spring Semester, at her nine-months rate of \$15,000.00 with the necessary funds in the amount of \$7,500.00 to come from Unallocated Salaries - Faculty. (RBC 412)

43. Change the status of Phyllis J. Benson (non-tenure) from Lecturer (60% Time) to Lecturer (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$12,000.00 with the necessary funds in the amount of \$900.00 to come from Unallocated Salaries - Faculty. (RBC 413)

44. Appoint Caryl K. Eisenman (non-tenure) as Lecturer (Visiting) effective January 16, 1977 for the 1977 Spring Semester, at a nine-months rate of \$10,000.00 with the necessary funds in the amount of \$5,000.00 to come from Unallocated Salaries - Faculty. (RBC 469)

45. Appoint Armida Hernandez (non-tenure) as Lecturer effective January 16, 1977 for the 1977 Spring Semester, at a nine-months rate of \$10,000.00 with her salary to be paid from HEW Grant G007604771 - Bilingual Educational Training Opportunity FY 77. (RBC 470)

46. Appoint Walter P. Lazdowski (non-tenure) as Assistant Professor (Visiting) (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$10,800.00 with his salary paid from HEW Grant G007501784 - Revision I Teacher Corps, 10th Cycle, 2nd Year. (RBC 518)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF EDUCATION (CONTINUED)Curriculum and Instruction (Continued)

47. Appoint Mary M. Hammond (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$9,600.00 with the necessary funds in the amount of \$1,200.00 to come from Unallocated Salaries - Faculty. (RBC 531)

48. Appoint Elisa M. Salas (non-tenure) as Teaching Assistant (1/2 Time) effective February 1, 1977 for the remainder of the 1977 Spring Semester, at a full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,333.32 to come from Unallocated Salaries - Faculty. (RBC 583)

Educational Psychology and Guidance

49. Appoint Faye T. Puthoff (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$10,400.00 with the necessary funds in the amount of \$1,300.00 to come from Unallocated Salaries - Faculty. (RBC 414)

50. Reappoint Jane K. Warach (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$9,600.00 with the necessary funds in the amount of \$1,200.00 to come from Unallocated Salaries - Faculty. (RBC 415)

51. Appoint Guillermo M. Arciniaga (non-tenure) as Assistant Professor (Visiting) (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$16,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 416)

52. Appoint Linda R. Reece (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$9,600.00 with the necessary funds in the amount of \$1,200.00 to come from Unallocated Salaries - Faculty. (RBC 417)

53. Reappoint Diane T. Paulson (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$9,600.00 with the necessary funds in the amount of \$1,200.00 to come from Unallocated Salaries - Faculty. (RBC 418)

54. Appoint Janna E. Magee (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$10,400.00 with the necessary funds in the amount of \$2,600.00 to come from Unallocated Salaries - Faculty. (RBC 508)

55. Accept the resignation of Joseph A. Ptasnik (non-tenure), Lecturer (1/4 Time), effective before January 16, 1977, and lapse to Unallocated Salaries - Faculty \$1,300.00 budgeted for this position. (RBC 532)

56. Appoint Patricia G. Adkins (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$11,200.00 with her salary paid from HEW Grant G007501784 - Revision I Teacher Corps, 10th Cycle, 2nd Year. (RBC 584)

57. Appoint Lawrence Burciaga (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$10,400.00 with the necessary funds in the amount of \$1,300.00 to come from Unallocated Salaries - Faculty. (RBC 586)

Educational Administration and Supervision

58. Reappoint Ronald J. Barber (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$9,600.00 with the necessary funds in the amount of \$1,200.00 to come from Unallocated Salaries - Faculty. (RBC 446)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF EDUCATION (CONTINUED)Educational Administration and Supervision (Continued)

59. Reappoint Emmaline Lovitt (non-tenure) as Assistant Professor (Visiting) (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$9,600.00 with the necessary funds in the amount of \$1,200.00 to come from Unallocated Salaries - Faculty. (RBC 474)

60. Reappoint Max Castillo (non-tenure) as Assistant Professor (Visiting) (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$14,400.00 with the necessary funds in the amount of \$1,800.00 to come from Unallocated Salaries - Faculty. He will also serve as Lecturer (3/4 Time) in HEW Grant G007604771 - Bilingual Educational Training Opportunity - FY 77. (RBC 475)

Health and Physical Education

61. Change the status and promote Lydia C. Gamboa (non-tenure) from Assistant Instructor (2/3 Time) to Instructor (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, and adjust her full-time nine-months rate from \$6,768.00 to \$8,758.00 lapsing to Unallocated Salaries - Faculty \$66.00 budgeted for this position. She will also serve as Games Area Manager (2/5 Time) in Auxiliary Enterprises - Swimming Pool and Women's Track Coach (1/10 Time) in Auxiliary Enterprises - Intercollegiate Athletics. (RBC 522)

62. Appoint Don L. Haskins (non-tenure) as Adjunct Assistant Professor (1/10 Time) effective January 16, 1977 for the 1977 Spring Semester, at his nine-months rate of \$20,063.00 with his salary paid from Intercollegiate Athletics - Basketball. (RBC 574)

COLLEGE OF ENGINEERINGCivil Engineering

53. Reappoint Robert Coltharp (non-tenure) as Associate Professor (16/100 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$14,135.00 with the necessary funds in the amount of \$1,125.00 to come from Unallocated Salaries - Faculty. (RBC 400)

54. Accept the resignation of William G. Henderson (tenure), Professor, effective January 15, 1977, and lapse to Unallocated Salaries - Faculty \$9,300.00 budgeted for this position. (RBC 401)

55. Appoint Stephen W. Kent (non-tenure) as Lecturer (Visiting) (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$10,000.00 with the necessary funds in the amount of \$1,250.00 to come from Unallocated Salaries - Faculty. (RBC 404)

56. Appoint Gordon W. Parkhill (non-tenure) as Lecturer (Visiting) (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$10,000.00 with the necessary funds in the amount of \$1,250.00 to come from Unallocated Salaries - Faculty. (RBC 422)

57. Appoint Danny R. Anderson (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$10,000.00 with the necessary funds in the amount of \$1,250.00 to come from Unallocated Salaries - Faculty. (RBC 454)

Electrical Engineering

58. Change the status of Darrell C. Schroder (tenure) from Associate Professor (full-time) to Associate Professor (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$19,000.00 and lapse to Unallocated Salaries - Faculty \$2,375.00 budgeted for this position. He will also serve as Associate Professor (1/4 Time) in Alfred Sloan Foundation Grant - Engineering Opportunities. (RBC 375)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF ENGINEERING (CONTINUED)Electrical Engineering (Continued)

69. Change the status of Carlos McDonald (tenure) from Associate Professor (1/2 Time) to Associate Professor (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$19,100.00 with the necessary funds in the amount of \$2,387.00 to come from Unallocated Salaries - Faculty. (RBC 392)

70. Change the status of John D. Mitchell (non-tenure) from Assistant Professor (1/2 Time) to Assistant Professor (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$18,000.00 with the necessary funds in the amount of \$2,250.00 to come from Unallocated Salaries - Faculty. He will also serve as Research Engineer (1/4 Time) in Contract DAAD07-74-C-0263 - Upper Atmospheric Research III. (RBC 477)

Mechanical and Industrial Engineering

71. Change the status of John M. Levosky (tenure) from Professor (Full-time) to Professor (84/100 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$24,400.00 and lapse to Unallocated Salaries - Faculty \$2,000.00 budgeted for this position. He will also serve as Professor (16/100 Time) in NASA Training Grant - NGT 44-085-750 - Space Related Science and Engineering. (RBC 402)

72. Reappoint Stephen J. Paek (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$9,600.00 with the necessary funds in the amount of \$1,200.00 to come from Unallocated Salaries - Faculty. (RBC 421)

73. Transfer of Funds:

From: Instructional Equipment - Academic	
Departments Equipment	\$ 400.00
To: Wages	400.00
For: Transfer between departments and dissimilar	
appropriations to provide funds for hourly	
employees used in support of in-house	
research relating to the solar project.	
(RBC 452)	

COLLEGE OF LIBERAL ARTSArt

74. Appoint James R. Drake (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 533)

Criminal Justice Program

75. Reappoint Louis R. Mier (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$7,200.00 with the necessary funds in the amount of \$900.00 to come from Unallocated Salaries - Faculty. (RBC 499)

76. Reappoint Chester C. McLaughlin (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 500)

77. Reappoint Robert E. Minnie (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 501)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF LIBERAL ARTS (CONTINUED)Criminal Justice Program (Continued)

8. Reappoint Thurman U. Moore (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 502)
9. Reappoint Gary B. Weiser (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$9,900.00 with the necessary funds in the amount of \$2,475.00 to come from Unallocated Salaries - Faculty. (RBC 503)
80. Appoint Theodore P. Jakaboski (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 504)
81. Reappoint Karl W. Dissly (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 505)
82. Appoint Enrique H. Pena (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,800.00 with the necessary funds in the amount of \$1,100.00 to come from Unallocated Salaries - Faculty. (RBC 506)
83. Reappoint George Rodriguez, Jr. (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 507)

Drama and Speech

84. Appoint Mary C. Knott (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 386)
85. Reappoint Joe Martinez (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 387)
86. Appoint Richard W. Albin (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 388)
7. Transfer of Funds:
- | | | |
|------------------------------------|----|-------|
| From: Unallocated Salaries - Other | \$ | 58.67 |
| To: Classified Salaries | | 58.67 |
- For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)
8. Change the status of Richard W. Albin (non-tenure) from Lecturer (1/4 Time) to Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 478)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF LIBERAL ARTS (CONTINUED)Drama and Speech (Continued)

89. Appoint Julie S. Adkins (non-tenure) as Teaching Assistant (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$5,500.00 with the necessary funds in the amount of \$1,375.00 to come from Unallocated Salaries - Faculty. (RBC 570)

English

90. Reappoint Juhree Bassett (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 534)

91. Reappoint Martha L. Broaddus (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 535)

92. Reappoint Patricia Burlingame (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 536)

93. Reappoint Iris B. Burnham (non-tenure) as Lecturer (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$3,000.00 to come from Unallocated Salaries - Faculty. (RBC 537)

94. Reappoint Martha B. Connolly (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 538)

95. Reappoint Florence E. Dick (non-tenure) as Lecturer (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$3,000.00 to come from Unallocated Salaries - Faculty. (RBC 539)

96. Reappoint Virginia R. Fultz (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 540)

97. Reappoint Janice Gardner (non-tenure) as Lecturer effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$4,000.00 to come from Unallocated Salaries - Faculty. (RBC 541)

98. Reappoint Joanne M. Henry (non-tenure) as Lecturer (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$3,000.00 to come from Unallocated Salaries - Faculty. (RBC 542)

99. Reappoint Nancy R. Herndon (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 543)

100. Reappoint Margaret H. Krichbaum (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 544)

SIDENT INSTRUCTION (CONTINUED)COLLEGE OF LIBERAL ARTS (CONTINUED)English (Continued)

01. Reappoint Marjorie P. Lawson (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 545)
02. Reappoint Dorothy A. Leach (non-tenure) as Lecturer (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$3,000.00 to come from Unallocated Salaries - Faculty. (RBC 546)
103. Reappoint Luella R. Lloyd (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 547)
104. Reappoint Mary J. Mann (non-tenure) as Lecturer effective January 16, 1977 for the 1977 Spring Semester, at her nine-months rate of \$8,000.00 with the necessary funds in the amount of \$4,000.00 to come from Unallocated Salaries - Faculty. (RBC 548)
105. Reappoint Karen A. Morrow (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 549)
106. Reappoint Theresa L. Pearson (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 550)
107. Reappoint Charles E. Seltzer (non-tenure) as Lecturer effective January 16, 1977 for the 1977 Spring Semester, at his nine-months rate of \$8,000.00 with the necessary funds in the amount of \$4,000.00 to come from Unallocated Salaries - Faculty. (RBC 551)
108. Reappoint Nancy J. Taylor (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 552)
109. Reappoint Philip B. Treon (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 553)
110. Reappoint Richard G. Wagner (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 554)
11. Appoint Sharon L. Hileman (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 576)
- History
12. Appoint Paul W. Brewer (non-tenure) as Assistant Professor (Visiting) effective January 16, 1977 for the 1977 Spring Semester, at a nine-months rate of \$14,000.00 with the necessary funds in the amount of \$7,000.00 to come from Unallocated Salaries - Faculty. (RBC 455)

RESIDENT INSTRUCTION (CONTINUED)
COLLEGE OF LIBERAL ARTS (CONTINUED)

History (Continued)

113. Reappoint John A. Black (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 456)

Linguistics

114. Change the status of Eleanor G. Cotton (tenure) from Assistant Professor (Full-time) to Assistant Professor (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, and lapse to Unallocated Salaries - Faculty \$1,697.00 budgeted for this position. She will also serve as Assistant Professor (1/4 Time) in HEW Grant G007604771 - Bilingual Educational Training Opportunity - FY 77. (RBC 397)

115. Adjust the full-time nine-months rate of Diana S. Natalicio (tenure), Associate Professor (1/2 Time), effective January 16, 1977 for the 1977 Spring Semester, from \$20,374.00 to \$21,124.00 with the necessary funds in the amount of \$187.50 to come from Unallocated Salaries - Faculty. She will also serve as Associate Professor (1/2 Time) in the Department of Modern Languages and Associate Dean in the Office of the Dean, College of Liberal Arts. (RBC 406)

116. Reappoint Amber J. Dunham (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 479)

117. Reappoint Eugene M. Mason (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 480)

118. Reappoint Ninfa B. Kohler (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. She will also serve as Lecturer (1/2 Time) in the Department of Modern Languages for the 1977 Spring Semester. (RBC 481)

Mass Communication

119. Reappoint Henry G. Rettig (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$10,400.00 with the necessary funds in the amount of \$1,300.00 to come from the appropriation for Instructors, Part-time in the amount of \$500.00 and Unallocated Salaries - Faculty in the amount of \$800.00. (RBC 438)

Modern Languages

120. Accept the resignation of Diana S. Natalicio (tenure), Associate Professor (1/2 Time), as Department Chairperson effective January 15, 1977. She will continue to serve as Associate Professor (1/2 Time); adjust her full-time nine-months rate effective January 16, 1977 for the 1977 Spring Semester from \$20,374.00 to \$21,124.00 with the necessary funds in the amount of \$187.50 to come from Unallocated Salaries - Faculty. She will also serve as Associate Professor (1/2 Time) in the Department of Linguistics and Associate Dean in the Office of the Dean, College of Liberal Arts. (RBC 407)

121. Appoint Ralph W. Ewton (tenure), Associate Professor, as Chairperson effective January 16 through August 31, 1977, and adjust his nine-months rate from \$18,972.00 to \$19,972.00 with the necessary funds in the amount of \$500.00 to come from Unallocated Salaries - Faculty. (RBC 408)

PRESIDENT INSTRUCTION (CONTINUED)COLLEGE OF LIBERAL ARTS (CONTINUED)Modern Languages (Continued)

122. Appoint Ninfa B. Kohler (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. She will also serve as Lecturer (1/2 Time) in the Department of Linguistics for the 1977 Spring Semester. (RBC 482)
123. Reappoint Olga Shaskevich (non-tenure) as Adjunct Associate Professor effective January 16, 1977 for the 1977 Spring Semester, without salary from the University. (RBC 483)
124. Reappoint Marcella Fierro (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 484)
125. Appoint Antoinette C. Santelli (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 485)
126. Reappoint Mary L. Busalacchi (non-tenure) as Lecturer effective January 16, 1977 for the 1977 Spring Semester, at her nine-months rate of \$8,000.00 with the necessary funds in the amount of \$4,000.00 to come from Unallocated Salaries - Faculty. (RBC 486)
127. Reappoint Rhonda L. Hartman (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 487)

Music

128. Change the status of Robert Walshe (non-tenure) from Lecturer (1/8 Time) to Lecturer (3/8 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from the appropriation for Instructors, Part-time in the amount of \$308.00 and Unallocated Salaries - Faculty in the amount of \$692.00. (RBC 488)

129. Change the status of Vicki P. Jenks (non-tenure) from Lecturer (1/4 Time) to Lecturer (3/8 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$500.00 to come from Unallocated Salaries - Faculty. (RBC 555)

Philosophy

130. Appoint Charles J. Estrada (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$10,000.00 with the necessary funds in the amount of \$2,500.00 to come from Unallocated Salaries - Faculty. (RBC 587)

Political Science

131. Appoint Enel R. Hill (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$3,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 449)

132. Appoint Caleb A. Clark (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$3,000.00 with the necessary funds in the amount of \$1,250.00 to come from Unallocated Salaries - Faculty. (RBC 450)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF LIBERAL ARTS (CONTINUED)Political Science (Continued)

133. Appoint Elizabeth A. Williams (non-tenure) as Teaching Assistant (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,500.00 to come from the appropriation for Teaching Assistants in the amount of \$60.00 and Unallocated Salaries - Faculty in the amount of \$1,440.00. (RBC 459)

Sociology

134. Change the status of Julius Rivera (tenure) from Professor (Full-time) to Professor (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$25,047.00 and lapse to Unallocated Salaries - Faculty \$9,392.00 budgeted for this position. He will also serve as Professor (1/4 Time) in HEW Grant G007501784 - Revision I Teacher Corps, 10th Cycle, 2nd Year and Professor (1/2 Time) in Rockefeller Foundation Grant GA SS 7642 - Tension Management Project. (RBC 383)

135. Appoint Don H. Burges (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$10,000.00 with the necessary funds in the amount of \$1,250.00 to come from Unallocated Salaries - Faculty. (RBC 512)

136. Change the status of Dianne M. Fairbank (tenure) from Associate Professor (1/2 Time) to Associate Professor (Full-time) effective January 16, 1977 for the 1977 Spring Semester, at her nine-months rate of \$16,907.00 with the necessary funds in the amount of \$4,227.00 to come from Unallocated Salaries - Faculty. (RBC 514)

137. Change the status of Richard L. Hough (tenure) from Associate Professor (1/2 Time) to Associate Professor (Full-time) effective January 16, 1977 for the 1977 Spring Semester, at his nine-months rate of \$18,629.00 with the necessary funds in the amount of \$4,657.00 to come from Unallocated Salaries - Faculty. (RBC 516)

138. Change the status and promote Paul D. Cantrell (non-tenure) from Lecturer (1/2 Time) to Instructor (Full-time) effective January 16, 1977 for the 1977 Spring Semester, and adjust his nine-months rate from \$8,000.00 to \$10,000.00 with the necessary funds in the amount of \$3,000.00 to come from Unallocated Salaries - Faculty. (RBC 556)

139. Appoint Margaret K. Snooks (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$14,445.00 with the necessary funds in the amount of \$3,611.00 to come from Unallocated Salaries - Faculty. She will also serve as Outside Evaluator (1/2 Time) in Public Health Service Grant 5 T21 MH 13629-03 - Evaluation Research Training Program - 3rd Year. (RBC 557)

140. Appoint Louis M. Holscher (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$9,600.00 with his salary paid from HEW Grant G007501784 - Revision I Teacher Corps, 10th Cycle, 2nd Year. (RBC 578)

Office of the Dean

141. Appoint Diana S. Natalicio as Associate Dean effective January 16 through August 31, 1977, and adjust her nine-months rate from \$20,374.00 to \$21,124.00 with her salary paid from the Departments of Linguistics and Modern Languages. (RBC 405)

COLLEGE OF SCIENCEBiological Sciences

142. Appoint Steven R. Wood (non-tenure) as Teaching Assistant (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,500.00 to come from Unallocated Salaries - Faculty. (RBC 380)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF SCIENCE (CONTINUED)Biological Sciences (Continued)

143. Appoint Stephen A. Raymond (non-tenure) as Teaching Assistant (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,500.00 to come from Unallocated Salaries - Faculty. (RBC 381)
144. Reappoint Douglas Echlin (non-tenure) as Teaching Assistant (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,500.00 to come from Unallocated Salaries - Faculty. (RBC 382)
145. Appoint Cynthia E. Reyes (non-tenure) as Teaching Assistant (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,500.00 to come from Unallocated Salaries - Faculty. (RBC 436)
146. Appoint Glenn E. Omundson (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$12,000.00 with the necessary funds in the amount of \$1,500.00 to come from Unallocated Salaries - Faculty. (RBC 437)
147. Change the status of John R. Bristol (tenure) from Associate Professor (Full-time) to Associate Professor (2/3 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$17,016.00 and lapse to Unallocated Salaries - Faculty \$2,836.00 budgeted for this position. He will also serve as Director (1/3 Time) in Public Health Service Grant 5 S06 RR 08012-06 - Biomedical Research Intern - 6th Year. (RBC 441)
148. Change the status of Eppie D. Rael (non-tenure) from Assistant Professor (Full-time) to Assistant Professor (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$13,450.00 and lapse to Unallocated Salaries - Faculty \$3,363.00 budgeted for this position. He will also serve as Assistant Professor (1/2 Time) in Public Health Service Grant 5 S06 RR 08012-06 - Biomedical Research Intern - 6th Year. (RBC 444)
149. Appoint Lillian F. Bristol (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$12,000.00 with the necessary funds in the amount of \$1,500.00 to come from Unallocated Salaries - Faculty. (RBC 447)
150. Appoint Donna L. Hogg (non-tenure) as Teaching Assistant (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,500.00 to come from Unallocated Salaries - Faculty. (RBC 571)

Geological Sciences

51. Appoint Charles G. Groat (non-tenure) as Associate Professor and Department Chairperson effective January 4 through May 31, 1977, at a nine-months rate of 21,525.00 with the necessary funds in the amount of \$11,726.86 to come from Unallocated Salaries - Faculty. (RBC 377)
52. Suspend without pay Karl W. Klement (tenure), Professor, effective January 7, 1977, and lapse to Unallocated Salaries - Faculty \$10,819.87 budgeted for his position. (RBC 453)

Mathematics

53. Appoint David B. Fenner (non-tenure) as Lecturer (2/9 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of 9,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. He will also serve as Postdoctoral Fellow (7/9 Time) in NSF Grant DMR75-23652 - Ultrasonic Absorption and Nonmetal Transition. (RBC 457)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF SCIENCE (CONTINUED)Mathematics (Continued)

154. Reappoint William A. Burgett (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. Mr. Burgett is retired and is limited in the percentage of time worked and amount of funds earned. (RBC 473)
155. Reappoint Subhash Arya (non-tenure) as Lecturer (3/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$3,000.00 to come from Unallocated Salaries - Faculty. (RBC 489)
156. Reappoint Robert Bernstein (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 490)
157. Reappoint Carole C. Ezzell (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 491)
158. Reappoint Mary L. Gibson (non-tenure) as Lecturer (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 492)
159. Appoint James D. Horn (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 493)
160. Reappoint Neil E. Kingsley (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 494)
161. Reappoint Nancy C. Marcus (non-tenure) as Lecturer effective January 16, 1977 for the 1977 Spring Semester, at her nine-months rate of \$8,000.00 with the necessary funds in the amount of \$4,000.00 to come from Unallocated Salaries - Faculty. (RBC 495)
162. Reappoint Carol S. Russell (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 496)
163. Reappoint Edgardo Sevilla (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$12,000.00 with the necessary funds in the amount of \$1,500.00 to come from Unallocated Salaries - Faculty. (RBC 497)
164. Reappoint Randall K. Walters (non-tenure) as Lecturer (1/4 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 498)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF SCIENCE (CONTINUED)Physics

65. Appoint John M. Stokes (non-tenure) as Teaching Assistant (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,500.00 to come from the appropriation for Teaching Assistants in the amount of \$442.00 and Unallocated Salaries - Faculty in the amount of \$1,058.00. (RBC 399)

66. Reappoint Jack Schoessler (non-tenure) as Teaching Assistant (1/2 Time) effective January 16, 1977 for the 1977 Spring Semester, at his full-time nine-months rate of \$6,030.00 with the necessary funds in the amount of \$1,508.00 to come from Unallocated Salaries - Faculty. (RBC 592)

COLLEGE OF NURSING

67. Accept the resignation of LaDonna J. Eberhardt (non-tenure), Assistant Professor, effective January 15, 1977, and lapse to Unallocated Salaries - Nursing \$8,200.00 budgeted for this position. (RBC 378)

68. Appoint Anna M. Caldwell (non-tenure) as Instructor effective January 16, 1977, at a nine-months rate of \$12,700.00 with the necessary funds in the amount of \$6,350.00 to come from Unallocated Salaries - Nursing. (RBC 439)

69. Appoint Joe C. McKinley (non-tenure) as Assistant Professor effective January 16, 1977 for the 1977 Spring Semester, at a nine-months rate of \$13,600.00 with the necessary funds in the amount of \$6,800.00 to come from Unallocated Salaries - Nursing. (RBC 511)

70. Change the status of Marie D. Stenrose from Director of Audio-Visual Department (Full-time) to Director of Audio-Visual Department (77/100 Time) effective September 1, 1976 through August 31, 1977, at her full-time annual rate of \$21,100.00 and lapse to Unallocated Salaries - Nursing \$4,853.00 budgeted for this position. She will also serve as Project Director (23/100 Time) in Public Health Service Grant 5 D10 NU 00979-03 - Psychomotor Skill Modules in Nursing. (RBC 558)

71. Change the status of Dolores M. Hehn (non-tenure) from Assistant Professor (Full-time) to Assistant Professor (54/100 Time) effective September 1, 1976 for the 1976-77 Long Session, at her full-time nine-months rate of \$15,900.00 and lapse to Unallocated Salaries - Nursing \$7,314.00 budgeted for this position. She will also serve as Nurse Specialist (46/100 Time) in Public Health Service Grant 5 D10 NU 00979-03 - Psychomotor Skill Modules in Nursing. (RBC 560)

72. Accept the resignation of Christine C. Bonds (tenure), Professor, effective February 7, 1977, and lapse to Unallocated Salaries - Nursing \$11,041.69 budgeted for this position. (RBC 577)

73. Appoint William F. Springfield, Jr. (non-tenure) as Lecturer (3/16 Time) effective January 16, 1977 for the 1977 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$750.00 to come from Unallocated Salaries - Nursing. (RBC 588)

LIBRARY

74. Transfer of Funds:

From: Unallocated Salaries - Other	\$2,978.81
To: Classified Salaries	2,978.81
For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)	

EXTENSION AND PUBLIC SERVICEThe Center for Continuing Education

75. Transfer of Funds:

From: Maintenance and Operation	\$2,000.00
To: Wages	2,000.00
For: Transfer between dissimilar appropriations from Maintenance and Operations to Wages to provide necessary funds to pay Continuing Education instructors. (RBC 372)	

OPERATION AND MAINTENANCE OF PHYSICAL PLANTGeneral Services

76. Transfer of Funds:

From: Unallocated Salaries - Other	\$1,178.24
To: Classified Salaries	1,178.24
For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)	

Building Maintenance

77. Transfer of Funds:

From: Building Maintenance - Salaries	\$6,200.00
To: Building Maintenance - Wages	5,000.00
General Services - Maintenance and Operation	1,200.00
For: Transfer between departments and dissimilar appropriations as well as similar appropriations within the department. This represents recovery of labor charges from departments on work orders and the funds are best utilized in these areas. (RBC 373)	

178. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 287.83
To: Classified Salaries	287.83
For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)	

Custodial Services

179. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 143.50
To: Classified Salaries	143.50
For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)	

180. Transfer of Funds:

From: Custodial Services - Salaries	\$11,124.00
Unallocated Salaries - Other	6,729.00
To: Wages	17,853.00
For: Transfer between similar appropriations and from Unallocated Salaries - Other to provide funds to set up a Wages account to pay hourly employees. (RBC 580)	

SPECIAL ITEMSInter-American Institute

31. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 29.75
To: Classified Salaries	29.75

For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)

Peer Counseling

32. Transfer of Funds:

From: Unallocated Salaries - Other	\$ 87.50
To: Classified Salaries	87.50

For: Transfer from Unallocated Salaries - Other to reimburse the non-teaching salary accounts of various departments for the lump sum payment for sick leave to terminated employees. (RBC 389)

Geothermal Exploration

33. Transfer of Funds:

From: Wages	\$1,200.00
To: Equipment	1,200.00

For: Transfer between dissimilar appropriations from Wages to Equipment to provide funds to purchase additional analytical equipment for analysis of water samples. (RBC 460)

CONTRACT RESEARCH AND SERVICESU. S. Department of the Army Contract DAAD07-74-C-0263 - Upper Atmospheric Research III

34. Change the status of Carlos McDonald from Research Engineer (1/2 Time) to Research Engineer (1/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$19,100.00 as Associate Professor of Electrical Engineering and lapse to unencumbered salaries \$2,387.00 budgeted for this position. He will also serve as Associate Professor (3/4 Time) in the Department of Electrical Engineering for the 1977 Spring Semester. (RBC 391)

35. Accept the resignation of Habib Ibrahim, Research Associate (1/4 Time), effective December 31, 1976, and lapse to unencumbered salaries \$1,000.00 budgeted for this position. (RBC 424)

36. Change the status of John D. Mitchell from Research Engineer (1/2 Time) to Research Engineer (1/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$18,000.00 and lapse to unencumbered salaries \$2,250.00 budgeted for this position. He will also serve as Assistant Professor (3/4 Time) in the Department of Electrical Engineering for the 1977 Spring Semester. (RBC 476)

U. S. Department of the Army Contract DAEA 18-76-C-0019 - Purchase Description - Atmospheric Transmittal Study

37. Appoint Toran E. Hostbjoer as Research Associate (1/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$6,000.00 as Teaching Assistant in Physics with the necessary funds in the amount of \$750.00 to come from budgeted salaries for this contract. He will also serve as Teaching Assistant (1/4 Time) in the Department of Physics for the 1977 Spring Semester. (RBC 379)

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CONTRACT RESEARCH AND SERVICES (CONTINUED)U. S. Department of the Army Contract DAEA 18-76-C-0019 - Purchase Description - Atmospheric Transmittal Study (Continued)

188. Reappoint Hossein Nik-Ahd as Research Associate (1/4 Time) effective January 1 through May 31, 1977, at his full-time nine-months rate of \$7,200.00 as Teaching Assistant in Electrical Engineering with the necessary funds in the amount of \$1,000.00 to come from budgeted salaries for this contract. He will also serve as Teaching Assistant (1/4 Time) in the Department of Electrical Engineering for the 1977 Spring Semester. (RBC 423)

U. S. Air Force Contract F41609-76-C-0002 - Assessment of Functional Vision FY 76

189. Reappoint Floyd A. Hape as Research Assistant effective January 1 through June 30, 1977, at his annual rate of \$7,896.00 with the necessary funds in the amount of \$3,948.00 to come from budgeted salaries for this contract. (RBC 427)

190. Reappoint Paul V. Garcia as Research Scientist effective January 1 through June 30, 1977, at his annual rate of \$18,804.00 with the necessary funds in the amount of \$9,402.00 to come from budgeted salaries for this contract. (RBC 428)

191. Reappoint Zane M. Fractor as Research Scientist effective January 1 through June 30, 1977, at his annual rate of \$14,376.00 with the necessary funds in the amount of \$7,188.00 to come from budgeted salaries for this contract. (RBC 429)

192. Reappoint Guy M. Crook as Associate Research Scientist effective January 1 through June 30, 1977, at his annual rate of \$14,376.00 with the necessary funds in the amount of \$7,188.00 to come from budgeted salaries for this contract. (RBC 430)

193. Reappoint Charles Link as Research Assistant effective January 1 through June 30, 1977, at his annual rate of \$9,672.00 with the necessary funds in the amount of \$4,836.00 to come from budgeted salaries for this contract. (RBC 431)

Veterans Administration Contract V349V-2721 - V A Counseling - FY 77

194. Reappoint Frances Z. Mason as Counseling Psychologist effective January 1 through August 31, 1977, at an annual rate of \$15,286.00 with the necessary funds in the amount of \$10,190.64 to come from budgeted salaries for this contract. (RBC 394)

NSF Grant DMR75-23652 - Ultrasonic Absorption and Nonmetal Transition

195. Appoint David B. Fenner as Postdoctoral Fellow (7/9 Time) effective January 16 through August 31, 1977, at his full-time nine-months rate of \$9,000.00 as Lecturer in Mathematics with the necessary funds in the amount of \$5,833.00 to come from budgeted salaries for this grant. He will also serve as Lecturer (2/9 Time) in the Department of Mathematics for the 1977 Spring Semester. (RBC 458)

Public Health Service Grant 5 D10 NU 00979-03 - Psychomotor Skill Modules in Nursing

196. Appoint Paula R. Potter as Assistant Editor/Project Modules (1/4 Time) effective October 1 through December 31, 1976, at a full-time annual rate of \$9,600.00 with the necessary funds in the amount of \$600.00 to come from budgeted salaries for this grant. (RBC 361)

197. Appoint Larry J. Anderson as Technical Illustrator/Project Modules (1/8 Time) effective October 1 through December 31, 1976, at a full-time annual rate of \$9,600.00 with the necessary funds in the amount of \$300.00 to come from budgeted salaries for this grant. (RBC 363)

198. Appoint Wylie L. McNabb as Chief Editor/Project Modules (5/8 Time) effective October 1 through December 31, 1976, at a full-time annual rate of \$19,200.00 with the necessary funds in the amount of \$3,000.00 to come from budgeted salaries for this grant. (RBC 364)

CONTRACT RESEARCH AND SERVICES (CONTINUED)Public Health Service Grant 5 D10 NU 00979-03 - Psychomotor Skill Modules in Nursing (Continued)

9. Appoint Marie D. Stenrose as Project Director (23/100 Time) effective September 1, 1976 through August 31, 1977, at her full-time annual rate of \$1,100.00 as Director of Audio-Visual Department in the College of Nursing with the necessary funds in the amount of \$4,853.00 to come from budgeted salaries for this grant. She will also serve as Director of Audio-Visual Department (7/100 Time) in the College of Nursing. (RBC 559)

10. Appoint Dolores M. Hehn as Nurse Specialist (46/100 Time) effective September 1, 1976 through May 31, 1977, at her full-time nine-months rate of \$5,900.00 as Assistant Professor in the College of Nursing with the necessary funds in the amount of \$7,314.00 to come from budgeted salaries for this grant. She will also serve as Assistant Professor (54/100 Time) in the College of Nursing for the 1976-77 Long Session. (RBC 561)

11. Reappoint Paula R. Potter as Assistant Editor/Project Modules (1/4 Time) effective January 1 through May 31, 1977, at her full-time annual rate of \$1,600.00 with the necessary funds in the amount of \$1,000.00 to come from budgeted salaries for this grant. (RBC 562)

12. Reappoint Larry J. Anderson as Technical Illustrator/Project Modules (1/4 Time) effective January 1 through May 31, 1977, at his full-time annual rate of \$1,600.00 with the necessary funds in the amount of \$1,000.00 to come from budgeted salaries for this grant. He will also serve as Teaching Assistant (1/4 Time) in the Department of Art for the 1977 Spring Semester. (RBC 563)

13. Reappoint Wylie L. McNabb as Chief Editor/Project Modules (5/8 Time) effective January 1 through May 31, 1977, at his full-time annual rate of \$9,200.00 with the necessary funds in the amount of \$5,000.00 to come from budgeted salaries for this grant. (RBC 564)

14. Appoint Florence M. Petrofes as Assistant Editor/Project Modules (14/100 Time) effective February 1 through July 31, 1977, at her full-time nine-months rate of \$6,400.00 as Teacher in Peer Counseling with the necessary funds in the amount of \$600.00 to come from budgeted salaries for this grant. She will also serve as Teacher (1/2 Time) in the Department of Peer Counseling. (RBC 589)

Public Health Service Grant 5 S06 RR 08012-06 - Biomedical Research Intern - 1st Year

15. Reappoint John R. Bristol as Director (1/5 Time) effective January 1 through May 31, 1977, at his full-time nine-months rate of \$17,016.00 as Associate Professor of Biological Sciences with the necessary funds in the amount of \$189.48 to come from budgeted salaries for this grant. He also serve as Associate Professor (1/5 Time) in the Department of Biological Sciences for the 1976 Fall Semester. (RBC 442)

16. Reappoint John R. Bristol as Director (1/3 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$17,016.00 as Associate Professor of Biological Sciences with the necessary funds in the amount of \$1,836.00 to come from budgeted salaries for this grant. He will also serve as Associate Professor (2/3 Time) in the Department of Biological Sciences for the 1977 Spring Semester. (RBC 443)

17. Reappoint Eppie D. Rael as Assistant Professor (1/2 Time) effective January 1 through May 31, 1977, at his full-time nine-months rate of \$13,450.00 as Assistant Professor of Biological Sciences with the necessary funds in the amount of \$3,736.56 to come from budgeted salaries for this grant. He will also serve as Assistant Professor (1/2 Time) in the Department of Biological Sciences for the 1977 Spring Semester. (RBC 445)

CONTRACT RESEARCH AND SERVICES (CONTINUED)Public Health Service Grant 2 R01 MH26108-02 - Life Changes and Illness - 2nd Year

8. Accept the resignation of Dianne M. Fairbank, Co-Principal Investigator (1/2 Time), effective January 15, 1977, and lapse to unencumbered salaries \$1,409.32 budgeted for this position. She will serve as Associate Professor (Full-time) in the Department of Sociology for the 1977 Spring Semester. (RBC 513)
9. Accept the resignation of Richard L. Hough, Principal Investigator (1/2 Time), effective January 15, 1977, and lapse to unencumbered salaries \$1,552.28 budgeted for this position. He will serve as Associate Professor (Full-time) in the Department of Sociology for the 1977 Spring Semester. (RBC 515)

FW Grant G007604771 - Bilingual Educational Training Opportunities - FY 77

10. Appoint Max Castillo as Lecturer (3/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$14,400.00 as Lecturer in Educational Administration and Supervision with the necessary funds in the amount of \$5,400.00 to come from budgeted salaries for this grant. (RBC 385)
11. Appoint Marie E. Barker as Director effective January 16 through August 4, 1977, at her nine-months rate of \$16,255.00 as Assistant Professor of Curriculum and Instruction with the necessary funds in the amount of \$11,973.26 to come from budgeted salaries for this grant. (RBC 396)
12. Appoint Eleanor G. Cotton as Assistant Professor (1/4 Time) effective January 16 through May 31, 1977, at her full-time nine-months rate of \$13,576.00 as Assistant Professor of Linguistics with the necessary funds in the amount of \$1,697.00 to come from budgeted salaries for this grant. She will also serve as Assistant Professor (3/4 Time) in the Department of Linguistics for the 1977 Spring Semester. (RBC 398)
13. Appoint Armida H. Hernandez as Lecturer effective January 16 through May 31, 1977, at her nine-months rate of \$10,000.00 as Lecturer in Curriculum and Instruction with the necessary funds in the amount of \$5,000.00 to come from budgeted salaries for this grant. (RBC 471)

FW Grant G007603380 - Training Educators to Educate Children with Handicaps

14. Appoint Faye T. Puthoff as Lecturer (1/4 Time) effective January 16 through May 31, 1977, at her full-time nine-months rate of \$10,400.00 as Lecturer in Educational Psychology and Guidance with the necessary funds in the amount of \$1,300.00 to come from budgeted salaries for this grant. She will also serve as Lecturer (1/4 Time) in the Department of Educational Psychology and Guidance for the 1977 Spring Semester. (RBC 572)

FW Grant G007501784 - Revision I Teacher Corps, 10th Cycle, 2nd Year

15. Appoint Julius Rivera as Professor (1/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$25,047.00 as Professor of Sociology with the necessary funds in the amount of \$3,130.25 to come from budgeted salaries for this grant. He will also serve as Professor (1/4 Time) in the Department of Sociology and Professor (1/2 Time) in Rockefeller Foundation Grant GA SS 7642 - Tension Management Project. (RBC 384)
16. Appoint Jorge A. Descamps as Assistant Professor (1/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$16,250.00 as Assistant Professor of Curriculum and Instruction with the necessary funds in the amount of \$2,031.00 to come from budgeted salaries for this grant. He will also serve as Assistant Professor (3/4 Time) in the Department of Curriculum and Instruction for the 1977 Spring Semester. (RBC 411)

CONTRACT RESEARCH AND SERVICES (CONTINUED)HEW Grant G007501784 - Revision I Teacher Corps, 10th Cycle, 2nd Year (Continued)

7. Reappoint Lawrence S. Hamilton as Director effective June 1 through 18, 1977, at his annual rate of \$21,497.00 with the necessary funds in the amount of \$1,074.85 to come from budgeted salaries for this grant. (RBC 425)
8. Reappoint Alma M. Barba as Program Development Specialist effective January through May 31, 1977, at her annual rate of \$20,438.00 with the necessary funds in the amount of \$7,691.69 to come from budgeted salaries for this grant. (RBC 432)
9. Reappoint Guillermo M. Arciniega as Assistant Professor (Visiting) (3/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$6,021.51 to come from budgeted salaries for this grant. He will also serve as Assistant Professor (Visiting) (1/4 Time) in the Department of Educational Psychology and Guidance for the 1977 Spring Semester. (RBC 433)
10. Reappoint Maximino Plata as Assistant Professor (1/4 Time) effective January through May 31, 1977, at his full-time nine-months rate of \$17,553.00 with the necessary funds in the amount of \$2,194.00 to come from budgeted salaries for this grant. He will also serve as Assistant Professor (3/4 Time) in HEW Grant O7603380 - Training Educators to Educate Children with Handicaps. (RBC 434)
11. Appoint Phyllis J. Benson as Lecturer (1/4 Time) effective January 16 through May 31, 1977, at her full-time nine-months rate of \$12,000.00 as Lecturer in Curriculum and Instruction with the necessary funds in the amount of \$1,500.00 to come from budgeted salaries for this grant. She will also serve as Lecturer (3/4 Time) in the Department of Curriculum and Instruction for the 1977 Spring Semester. (RBC 435)
12. Appoint Walter P. Lazdowski as Assistant Professor (Visiting) (1/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$10,800.00 as Assistant Professor (Visiting) in Curriculum and Instruction with the necessary funds in the amount of \$1,350.00 to come from budgeted salaries for this grant. (RBC 519)
13. Accept the resignation of Julius Rivera, Professor (1/4 Time), effective before January 16, 1977 and lapse to unencumbered salaries \$3,130.25 budgeted for this position. He will serve as Professor (1/4 Time) in the Department of Sociology and Professor (3/4 Time) in Rockefeller Foundation Grant GA SS 7642 - Pension Management Project. (RBC 520)
14. Appoint Louis M. Holscher as Lecturer (1/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$9,600.00 as Lecturer in Sociology with the necessary funds in the amount of \$1,200.00 to come from budgeted salaries for this grant. (RBC 579)
15. Appoint Patricia G. Adkins as Lecturer (1/4 Time) effective January 16 through May 31, 1977, at her full-time nine-months rate of \$11,200.00 as Lecturer in Educational Psychology and Guidance with the necessary funds in the amount of \$1,400.00 to come from budgeted salaries for this grant. (RBC 585)
16. Accept the resignation of Phyllis J. Benson, Lecturer (1/4 Time), effective before January 16, 1977, and lapse to unencumbered salaries \$1,500.00 budgeted for this position. She will continue to serve as Lecturer (3/4 Time) in the Department of Curriculum and Instruction for the 1977 Spring Semester. (RBC 590)
- Department of Labor Grant DL 99-6-242-31-101 - High School Equivalency Program - 1st Year
17. Appoint Alfonso Alvarez as Male Resident Counselor effective December 1, 1976 through August 31, 1977, at an annual rate of \$7,733.00 with the necessary funds in the amount of \$5,799.69 to come from budgeted salaries for this grant. He will also receive room and board valued at \$157.00 per month. (RBC 360)

CONTRACT RESEARCH AND SERVICES (CONTINUED)Department of Labor Grant DL 99-6-242-31-101 - High School Equivalency Program - 11th Year (Continued)

228. Change the status of Barbara R. Novak from Reading Teacher (1/2 Time) to Reading Teacher (3/4 Time) effective January 17 through August 31, 1977, at her full-time annual rate of \$9,728.00 with the necessary funds in the amount of \$1,516.76 to come from budgeted salaries for this grant. (RBC 565)

229. Accept the resignation of Luis Meraz, Recruitment and Placement Specialist, effective January 14, 1977, and lapse to unencumbered salaries \$5,837.40 budgeted for this position. (RBC 566)

230. Appoint Debra J. Nesmith as Recruitment and Placement Specialist effective January 17 through August 31, 1977, at an annual rate of \$9,024.00 with the necessary funds in the amount of \$5,627.87 to come from budgeted salaries for this grant. (RBC 567)

International Boundary and Water Commission Grant IBM 77-6 - Rio Grande Archeological Survey

231. Appoint Charles A. Johnson, II as Project Archeologist effective January 10 through March 31, 1977, at an annual rate of \$12,576.00 with the necessary funds in the amount of \$2,839.74 to come from budgeted salaries for this grant. (RBC 568)

Alfred P. Sloan Foundation Grant - Engineering Opportunities

232. Appoint Darrell C. Schroder as Associate Professor (1/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$19,000.00 as Associate Professor of Electrical Engineering with the necessary funds in the amount of \$2,375.00 to come from budgeted salaries for this grant. He will also serve as Associate Professor (3/4 Time) in the Department of Electrical Engineering for the 1977 Spring Semester. (RBC 376)

Rockefeller Foundation Grant GA SS 7642 - Tension Management Project

233. Appoint Julius Rivera as Director (1/2 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$25,047.00 as Professor of Sociology with the necessary funds in the amount of \$6,261.75 to come from budgeted salaries for this grant. He will also serve as Professor (1/4 Time) in the Department of Sociology and Professor (1/4 Time) in Grant G007501784 - Revision I Teacher Corps, 10th Cycle, 2nd Year. (RBC 420)

234. Appoint Oscar J. Martinez as Co-Investigator (1/2 Time) effective June 1 through August 31, 1977, at his full-time nine-months rate of \$14,478.00 as Assistant Professor of History with the necessary funds in the amount of \$2,413.00 to come from budgeted salaries for this grant. He will also serve as Director (1/2 Time) in the Institute of Oral History. (RBC 426)

235. Change the status of Julius Rivera from Professor (1/2 Time) to Professor (3/4 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$25,047.00 as Professor of Sociology with the necessary funds in the amount of \$3,130.25 to come from budgeted salaries for this grant. He will also serve as Professor (1/4 Time) in the Department of Sociology for the 1977 Spring Semester. (RBC 521)

NSA Training Grant - NGT 44-085-750 - Space Related Science and Engineering

236. Appoint John M. Levosky as Professor (16/100 Time) effective January 16 through May 31, 1977, at his full-time nine-months rate of \$24,400.00 as Professor of Mechanical and Industrial Engineering with the necessary funds in the amount of \$2,000.00 to come from budgeted funds for this grant. He will also serve as Professor (84/100 Time) in the Department of Mechanical and Industrial Engineering for the 1977 Spring Semester. (RBC 403)

AUXILIARY ENTERPRISESIntercollegiate Athletics

237. Accept the resignation of Daniel Roy, Jr., Assistant Football Coach, effective December 31, 1976, and lapse to unencumbered salaries \$1,421.80 budgeted for this position. (RBC 362)
238. Appoint Durwood L. Keeton as Assistant Football Coach effective December 15, 1976 through August 31, 1977, at an annual rate of \$12,000.00 with the necessary funds in the amount of \$8,548.39 to come from the appropriation for the vacant position of Assistant Football Coach in the amount of \$8,365.00 and budgeted salaries in the amount of \$183.39. (RBC 365)
239. Appoint Bernard L. Ricono as Assistant Football Coach effective December 1, 1976 through August 31, 1977, at an annual rate of \$17,000.00 with the necessary funds in the amount of \$12,749.94 to come from the appropriation for the vacant position of Assistant Football Coach in the amount of \$9,952.00 and budgeted salaries in the amount of \$2,797.94. (RBC 366)
240. Appoint Richard L. Gwinn as Assistant Football Coach effective December 15, 1976 through August 31, 1977, at an annual rate of \$16,000.00 with the necessary funds in the amount of \$11,397.82 to come from the appropriation for the vacant position of Assistant Football Coach in the amount of \$9,651.00 and from budgeted salaries in the amount of \$1,746.82. (RBC 367)
241. Appoint Reginald H. Lambeth as Assistant Football Coach effective December 18, 1976 through August 31, 1977, at an annual rate of \$15,500.00 with the necessary funds in the amount of \$10,916.61 to come from the appropriation for the vacant position of Assistant Football Coach in the amount of \$9,270.00 and budgeted salaries in the amount of \$1,646.61. (RBC 368)
242. Appoint Billy G. Michael as Head Football Coach effective December 1, 1976 through August 31, 1977, at an annual rate of \$30,000.00 with the necessary funds in the amount of \$22,500.00 to come from the appropriation for the vacant position of Head Football Coach in the amount of \$16,587.00 and budgeted salaries in the amount of \$5,913.00. (RBC 370)
243. Appoint Donald Ivory as Assistant Football Coach effective December 1, 1976 through August 31, 1977, at an annual rate of \$16,000.00 with the necessary funds in the amount of \$12,000.00 to come from the appropriation for the vacant position of Assistant Football Coach in the amount of \$9,873.00 and budgeted salaries in the amount of \$2,127.00. (RBC 371)
244. Accept the resignation of Gilbert C. Bartosh, Head Football Coach, effective January 15, 1977, and lapse to unencumbered salaries \$1,223.03 budgeted for this position. (RBC 393)
245. Appoint Robert J. Baldwin as Assistant Football Coach effective January 17 through August 31, 1977, at an annual rate of \$20,000.00 with the necessary funds in the amount of \$12,473.07 to come from the appropriation for the vacant position of Assistant Football Coach in the amount of \$11,175.00 and from budgeted salaries in the amount of \$1,298.07. (RBC 451)
246. Appoint Lydia C. Gamboa as Women's Track Coach (1/10 Time) effective January through May 31, 1977, at a full-time annual rate of \$12,500.00 with the necessary funds in the amount of \$468.72 to come from the appropriation for the vacant position of Graduate Assistant (1/2 Time) in the amount of \$3,000.00 and lapse \$2,531.28 to unencumbered salaries. She will also serve as Games Area Manager (2/5 Time) in Auxiliary Enterprises - Swimming Pool and Instructor (1/2 Time) in Health and Physical Education. (RBC 523)

PLANT FUNDS - UNEXPENDEDCombined Fee Revenue Bonds - Interest on Time Deposits

247. To provide funds for the rehabilitation of Burges Hall in the amount of \$48,000.00. (RBC 448)

THE UNIVERSITY OF TEXAS AT EL PASO

Other Fiscal Items:

Schedule of Additional or Changes in
Funding of Construction Projects

<u>Project Number</u>		<u>Source of Funds</u>		<u>Amount</u>
		<u>From</u>	<u>To</u>	
201-276	Site Work and Utility Expansion (Transfer from 201-367)		PUF	330,000.00
201-207-4	Remodel Benedict and Worrel Halls (Transfer from 201-367)		PUF	49,860.17
201-375	Special Events Center Site Improve- ments (Transfer from 201-367)		PUF	220,000.00
201-374	Acquisition of Computer Hardware (Transfer from 201-367)		PUF	250,000.00
201-373	Acquisition of Carter Property (Transfer from 201-367)		PUF	250,000.00
201-367	Completion of Master Plan (Transfer to 201-276, 201-207-4, 201-373, 201-374, & 201-375)	PUF		1,099,860.17

Legend: PUF - Permanent University Fund Bond Proceeds

The University of Texas of the Permian Basin

Odessa, Texas 79762

March 16, 1977

Mr. E. D. Walker
Deputy Chancellor
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Mr. Walker:

The docket for the April 15, 1977, meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

V. R. Cardozer
V. R. Cardozer
President

UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
April 15, 1977 Meeting



GRANTS, CONTRACTS AND AGREEMENTS - (NON GOVERNMENTAL)

The following contracts/grants have been executed in behalf of The University of Texas of the Permian Basin. I recommend approval and ratification.

Grant number PRF #9609-B2 from the American Chemical Society to the University of Texas of the Permian Basin for support of a study entitled "Continental Sabkha Evaporite Formation" in amount \$11,000 for the period 6/1/77 - 8/31/78 (\$5,500) and 9/1/78 - 8/31/79 (\$5,500). This study is to be directed by Dr. Salvatore Mazzullo, Assistant Professor of Earth Science.

Contract number SBA-0751-MA-77 between the Small Business Administration, Washington, D. C. and The University of Texas of the Permian Basin by which the Small Business Administration provides \$250 for management counseling and technical assistance to Small Business Concerns for the period 10/1/76 - 6/30/77. This contract shall be under the direction of Dr. Bernard Tucker, Associate Professor of Management.

GRANTS, CONTRACTS AND AGREEMENTS - (STATE)

Grant number EA-77-E01-4105 (Project number 77-855-018) from the Coordinating Board, Texas College and University System to The University of Texas of the Permian Basin to support a project entitled "Texas Statewide Corrections Intern Program" in amount \$7,859 for the period 1/17/77 - 5/31/77 to be under the direction of Dr. Thomas G. Nicholson, Associate Professor and Coordinator of Criminal Justice Management.

UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
April 15, 1977 Meeting

COMMENDED AMENDMENTS TO THE 1976-77 OPERATING BUDGET

GENERAL ADMINISTRATION:

Office of the Business Manager

Appoint William A. Watts as Business Manager (Code 1000), Office of the Business Manager at 100% time at an annual salary rate of \$30,000 for the period 11/22/76 - 8/31/77. Source of Funds: Administrative Salaries, Office of the Business Manager. (RBC #71)

Office of the Director of Admissions and Registrar

Terminate Amos Woodrow Keith as Director of Admissions and Registrar (Code 1000), Admissions and Registrar at an annual salary rate of \$19,000 effective close 1/31/77. (RBC #115)

GENERAL INSTITUTIONAL EXPENSE:

News and Information

Change the annual salary rate for Richard C. Seaman as Director (Code 1000), News and Information at 100% time from \$17,500 to \$18,500 for the period 2/1/77 - 8/31/77. Source of Funds: \$10,208.31 from budgeted position and \$583.31 from Wages, News and Information. (RBC #112)

SIDENT INSTRUCTION:

Faculty, College of Management

Change the title of Edwin J. Stuart (without term tenure) from Assistant Professor Finance and Management (Code 0030) to Instructor Finance and Management (Code 0040), Faculty, College of Management at 100% time at an academic salary rate of \$16,500 for the period 9/1/76 - 5/31/77. Source of Funds: Budgeted position. (RBC #70)

Appoint William A. Watts (without term tenure) as Professor of Finance and Management (Code 0010), Faculty, College of Management without salary at an academic salary rate of \$22,500 for the period 11/22/76 - 5/31/77. (RBC #72)

Reappoint Deanna Hargis (without term tenure) as Lecturer in Criminal Justice (Code 0050), Faculty, College of Management at 25% time at an academic salary rate of \$11,200 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Management. (RBC #80)

Reappoint Henry Moran (without term tenure) as Lecturer in Marketing (Code 0050), Faculty, College of Management at 25% time at an academic salary rate of \$12,800 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Management. (RBC #81)

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
April 15, 1977 Meeting

COMMENDED AMENDMENTS TO THE 1976-77 OPERATING BUDGET (Cont.)

PRESIDENT INSTRUCTION (Cont.):

Faculty, College of Management (Cont.)

Reappoint Edward L. Sward (without term tenure) as Lecturer in Marketing, (Code 0050), Faculty, College of Management at 12.5% time at an academic salary rate of \$14,400 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salary, Faculty, College of Management. (RBC #82)

Reappoint Leonard D. Jones (without term tenure) as Lecturer in Management (Code 0050), Faculty, College of Management at 25% time at an academic salary rate of \$11,200 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Management. (RBC #83)

1. Appoint Larry H. Hoover (without term tenure) as Lecturer in Management (Code 0050), Faculty, College of Management at 12.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Management. (RBC #84)

2. Appoint Dan L. Allen (without term tenure) as Lecturer in Finance (Code 0050), Faculty, College of Management at 12.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Management. (RBC #85)

3. Reappoint William R. Claypoole (without term tenure) as Lecturer in Marketing (Code 0050), Faculty, College of Management at 25% time at an academic salary rate of \$12,800 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Management. (RBC #86)

4. Appoint Robert L. Croft (without term tenure) as Lecturer in Aviation Management (Code 0050), Faculty, College of Management at 12.5% time at an academic salary rate of \$14,400 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Management. (RBC #87)

5. Appoint James A. Davis (without term tenure) as Lecturer in Management (Code 0050), Faculty, College of Management at 12.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Management. (RBC #88)

6. Reappoint Roy C. Augesen (without term tenure) as Lecturer in Criminal Justice (Code 0050), Faculty, College of Management at 25% time at an academic salary rate of \$12,800 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Management. (RBC #92)

7. Change the status of Roy C. Augesen (without term tenure) as Lecturer in Criminal Justice (Code 0050), Faculty, College of Management from 25% time to 12.5% time at the same academic salary rate of \$12,800 for the period 1/16/77 - 5/31/77. (RBC #117)

UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
April 15, 1977 Meeting

RECOMMENDED AMENDMENTS TO THE 1976-77 OPERATING BUDGET (Cont.)

IDENT INSTRUCTION (Cont.):

Faculty, College of Management (Cont.)

Reappoint James E. Blain (without term tenure) as Lecturer in Management (Code 0050), Faculty, College of Management at 37.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Management. (RBC #122)

Faculty, College of Science and Engineering

. Appoint Thomas G. Hoot (without term tenure) as Lecturer in Engineering (Code 0050), Faculty, College of Science and Engineering at 12.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Science and Engineering. (RBC #76)

. Reappoint John L. Cihonski (without term tenure) as Lecturer in Chemistry (Code 0050), Faculty, College of Science and Engineering at 12.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Science and Engineering. (RBC #77)

. Appoint John M. Cys (without term tenure) as Lecturer in Earth Science (Code 0050), Faculty, College of Science and Engineering at 12.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Science and Engineering. (RBC #78)

. Appoint Richard M. Russell (without term tenure) as Lecturer in Engineering (Code 0050), Faculty, College of Science and Engineering at 12.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Science and Engineering. (RBC #89)

. Appoint Cyril J. Perusek (without term tenure) as Lecturer in Earth Science (Code 0050), Faculty, College of Science and Engineering at 12.5% time at an academic salary rate of \$12,800 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Science and Engineering. (RBC #90)

. Appoint Gerald K. Collins (without term tenure) as Lecturer in Engineering (Code 0050), Faculty, College of Science and Engineering at 12.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Science and Engineering. (RBC #93)

Terminate Clyde H. Sprague (with term tenure) as Professor and Chairman of Engineering (Code 0010), Faculty, College of Science and Engineering effective close 1/31/77. (RBC #110)

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
April 15, 1977 Meeting

RECOMMENDED AMENDMENTS TO THE 1976-77 OPERATING BUDGET (Cont.)

PRESIDENT INSTRUCTION (Cont.):

Office of the Dean, College of Arts and Education

5. Appoint Dick L. Chappell as Director, Learning Resources Center and Acting Dean, College of Arts and Education (Code 1000), at 40% time at an annual salary rate of \$29,200 for the period 1/1/77 - 5/31/77. Source of Funds: Administrative Salaries, Office of the Dean, College of Arts and Education. NOTE: Mr. Chappell has a concurrent appointment at 24% time, Computer Services Division and 5% time, Learning Resources Center, Director's Office. (RBC #73)

6. Terminate Dianne S. Peters as Assistant Dean (Code 1000), Office of the Dean, College of Arts and Education at 33% time for the period 1/1/77 - 5/31/77, and 100% time for the period 6/1/77 - 5/31/77 at an annual salary rate of \$20,760. NOTE: Dr. Peters is being appointed as Associate Professor of Literature (Code 0020), Faculty, College of Arts and Education at 100% time for the period 1/1/77 - 5/31/77. (RBC #94)

7. Terminate James L. Colwell as Dean, (Code 1000), Office of the Dean, College of Arts and Education at 67% time for the period 1/1/77 - 5/31/77 and 100% time for the period 6/1/77 - 8/31/77 at an annual salary rate of \$33,800. NOTE: Dr. Colwell is being appointed as Professor of Literature (Code 0010), Faculty, College of Arts and Education at 100% time for the period 1/1/77 - 5/31/77. (RBC #113)

Faculty, College of Arts and Education

8. Appoint Donald W. Forsyth (without term tenure) as Visiting Instructor of Anthropology (Code 0042), Faculty, College of Arts and Education at 100% time at an academic salary rate of \$13,000 for the period 1/1/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #79)

9. Terminate Martin W. Horeis (without term tenure) as Visiting Assistant Professor of Anthropology (Code 0032), Faculty, College of Arts and Education at 100% time at an academic salary rate of \$13,500 effective close 1/15/77. (RBC #91)

10. Appoint Dianne S. Peters (with term tenure) as Associate Professor of Literature (Code 0020), Faculty, College of Arts and Education at 100% time at an academic salary rate of \$15,570 for the period 1/1/77 - 5/31/77. Source of Funds: \$5,766.65 in budgeted position and \$2,883.35 from Faculty Salaries, Faculty, College of Arts and Education. (RBC #95)

11. Appoint Mary K. Clardy (without term tenure) as Lecturer in Music (Code 0050), Faculty, College of Arts and Education at 3.33% time at an academic salary rate of \$11,532 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #96)

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
April 15, 1977 Meeting

COMMENDED AMENDMENTS TO THE 1976-77 OPERATING BUDGET (Cont.)

SIDENT INSTRUCTION (Cont.):

Faculty, College of Arts and Education (Cont.)

- . Reappoint Vicki L. Dublin (without term tenure) as Lecturer in Communications (Code 0050), Faculty, College of Arts and Education at 12.5% time at an academic salary rate of \$9,600 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #97)
- . Appoint Thomas D. Hohstadt (without term tenure) as Lecturer in Music (Code 0050), Faculty, College of Arts and Education at 66% time at an academic salary rate of \$11,532 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #98)
- . Reappoint Linda H. George (without term tenure) as Lecturer in Biology (Code 0050), Faculty, College of Arts and Education at 12.5% time at an academic salary rate of \$11,200 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #99)
- . Reappoint Pamela K. Bristol (without term tenure) as Lecturer in Music (Code 0050), Faculty, College of Arts and Education at 65% time at an academic salary rate of \$11,532 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #100)
- . Appoint Stanley E. Marcus (without term tenure) as Associate Professor and Chairman of Art (Code 0020), Faculty, College of Arts and Education at 100% time at an academic salary rate of \$19,000 for the period 12/15/76 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #101)
- . Change the status of Richard G. Clark (without term tenure) from Instructor of Music (Code 0040) to Assistant Professor of Music (Code 0030), Faculty, College of Arts and Education at 100% time from an academic salary rate of \$12,000 to \$13,000 for the period 12/22/76 - 5/31/77. Source of Funds: \$7,096.78 budgeted position and \$591.40 from Faculty Salaries, Faculty, College of Arts and Education. (RBC #102)
- . Change the status of R. Inez Gaskins (without term tenure) as Lecturer in Pedagogical Studies (Code 0050), Faculty, College of Arts and Education from 50% to 75% time at the same academic salary rate of \$10,000 for the period 1/16/77 - 5/31/77. Source of Funds: \$500 from budgeted position and \$1,250 from Faculty Salaries, Faculty, College of Arts and Education. (RBC #103)
- . Reappoint Lawrence G. Neswick (without term tenure) as Lecturer in Pedagogical Studies (Code 0050), Faculty, College of Arts and Education at 12.5% time at an academic salary rate of \$19,200 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #104)

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
April 15, 1977 Meeting

COMMENDED AMENDMENTS TO THE 1976-77 OPERATING BUDGET (Cont.)

RESIDENT INSTRUCTION (Cont.):

Faculty, College of Arts and Education (Cont.)

- . Reappoint Donald C. Sanders (without term tenure) as Lecturer in Mass Communications (Code 0050), Faculty, College of Arts and Education at 25% time at an academic salary rate of \$11,200 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #105)
- . Reappoint Sara Gilstrap (without term tenure) as Lecturer in Art (Code 0050), Faculty, College of Arts and Education at 35% time at an academic salary rate of \$13,714 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #106)
- . Reappoint Elton H. Hunt (without term tenure) as Lecturer in Mass Communications (Code 0050), Faculty, College of Arts and Education at 12.5% time at an academic salary rate of \$14,400 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #107)
- . Appoint J. R. McEntyre (without term tenure) as Lecturer in Music (Code 0050), Faculty, College of Arts and Education at 6.66% time at an academic salary rate of \$11,532 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #108)
- . Appoint James L. Colwell (with term tenure) as Professor of American Studies and American Literature (Code 0010), Faculty, College of Arts and Education at 100% time at an academic salary rate of \$25,350 for the period 1/1/77 - 5/31/77. Source of Funds: \$16,994.40 in budgeted position and \$9,388.90 from Faculty Salaries, Faculty, College of Arts and Education. (RBC #114)
- . Appoint Mike Miller (without term tenure) as Lecturer in Philosophy (Code 0050), Faculty, College of Arts and Education at 12.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #119)
- . Appoint Donna Thompson (without term tenure) as Lecturer in Pedagogical Studies (Code 0050), Faculty, College of Arts and Education at 12.5% time at an academic salary rate of \$12,000 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #120)
- . Appoint Barry Hurt (without term tenure) as Lecturer in Music (Code 0050), Faculty, College of Arts and Education at 13.32% time at an academic salary rate of \$11,532 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #121)

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
April 15, 1977 Meeting

COMMENDED AMENDMENTS TO THE 1976-77 OPERATING BUDGET (Cont.)

ASSISTANT INSTRUCTION (Cont.):

Faculty, College of Arts and Education (Cont.)

. Reappoint Kermit C. Little (without term tenure) as Lecturer in Pedagogical Studies (Code 0050), Faculty, College of Arts and Education at 12.5% time at an academic salary rate of \$13,600 for the period 1/16/77 - 5/31/77. Source of Funds: Faculty Salaries, Faculty, College of Arts and Education. (RBC #123)

EARNING RESOURCES CENTER:

Director's Office, Learning Resources Center

. Change the title, percent time and annual salary rate for Dick Chappell from Director, Learning Resources Center (Code 1000), 75% time at an annual salary rate of \$28,000 to Director, Learning Resources Center and Acting Dean, College of Arts and Education (Code 1000), at 36% time at an annual salary rate of \$29,200 for the period 1/1/77 - 8/31/77. Source of Funds: Budgeted Position, Learning Resources Center, Director's Office. NOTE: Mr. Chappell has a concurrent appointment at 40% time, Office of the Dean, College of Arts and Education and 24% time, Computer Services Division. (RBC #74)

PHYSICAL PLANT OPERATION:

Police Department

. Appoint Clinton M. Miller, Jr., as Chief of Police (Code 1000), Police Department at 100% time at an annual salary rate of \$13,500 for the period 2/1/77 - 8/31/77. Source of Funds: Budgeted Position, Police Department. (RBC #111)

SERVICE DEPARTMENTS FUNDS AND REVOLVING FUNDS:

Computer Services Division

. Change the title, percent time and annual salary rate for Dick Chappell from Director, Learning Resources Center, Computer Services Division (Code 1000), at 25% time at an annual salary rate of \$28,000 to Director, Learning Resources Center, Computer Services Division and Acting Dean, College of Arts and Education (Code 1000), 24% time at an annual salary rate of \$29,200 for the period 1/1/77 - 8/31/77. Source of Funds: Budgeted Position, Computer Services Division. NOTE: Mr. Chappell has a concurrent appointment at 40% time, Office of the Dean, College of Arts and Education and 24% time, Learning Resources Center, Director's Office. (RBC #75)

Human Potentials Center

. Reappoint C. Clark Johnson as Director (Code 1000), Human Potentials Center at 75% time at an annual salary rate of \$21,500 for the period 1/1/77 - 8/31/77. Source of Funds: Administrative Salaries, Human Potentials Center. (RBC #109)

UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
April 15, 1977 Meeting

1977 SUMMER SESSION BUDGET

I recommend approval of the 1977 Summer Session Budget. The budget reflects an expenditure of \$241,173. This amount is available from the allocation for the Summer Session in the 1976-77 Operating Budget plus additional funds from Faculty Salaries.

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

RECOMMENDATIONS FOR SALARY BUDGET

SUMMER SESSION 1977

Odessa, Texas

March 16, 1977

1977 SUMMER SESSION BUDGET

SOURCE OF FUNDS

Summer Session Appropriation in the 1976-77 Budget.....	\$209,672
Faculty Salaries, College of Management.....	<u>31,501</u>
TOTAL 1977 SUMMER SALARIES.....	<u>\$241,173</u>

RESIDENT INSTRUCTION

College of Management.....	\$ 62,318
College of Science and Engineering.....	40,295
College of Arts and Education.....	<u>138,560</u>
TOTAL 1977 SUMMER SESSION BUDGET.....	<u>\$241,173</u>

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
 April 15, 1977 Meeting

COLLEGE OF MANAGEMENT

PAYROLL	TITLE	9 MOS.	6/1 - 7/15	7/16 - 8/31	TOTAL
NAME		RATE	FIRST TERM PERCENT OF TIME/SALARY	SECOND TERM PERCENT OF TIME/SALARY	SALARY
ACCOUNTANCY PROFESSOR AND CHAIRMAN					
Eugene A. Nini TT		\$25,200	100 \$ 4,200	100 \$ 4,200	\$ 8,400
ASSOCIATE PROFESSOR					
Charles J. Doryland		19,500	100 3,250	100 3,250	6,500
Daniel J. Flaherty		19,500	100 3,250	100 3,250	6,500
R. C. Thompson TT		22,866	.50 1,906		1,906
INSTRUCTOR					
Theresa M. Hagan		16,500	100 2,750		2,750
Linda M. Felts		12,000	100 2,000	.50 1,000	3,000
MANAGEMENT PROFESSOR					
J. D. Richardson TT		22,000	.50 1,833	100 3,667	5,500
Robert H. McIntire TT		21,000	100 3,500	100 3,500	7,000
ASSOCIATE PROFESSOR					
Alfred J. Hagan		19,000	100 3,167		3,167
Bernard M. Tucker TT		19,000	100 3,167		3,167
INSTRUCTOR					
Edwin J. Stuart		16,500	100 2,750	100 2,750	5,500
ECONOMICS ASSISTANT PROFESSOR					
Paul E. Hodges		15,300	100 2,550		2,550
CRIMINAL JUSTICE MANAGEMENT ASSOCIATE PROFESSOR					
Thomas G. Nicholson		19,131	100 3,189	100 3,189	6,378
			\$37,512	\$24,806	\$62,318

UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
 il 15, 1977 Meeting

LEGE OF SCIENCE AND ENGINNERING

PAYROLL	TITLE	9 MOS.	6/1 - 7/15	7/16 - 8/31	TOTAL
NAME		RATE	FIRST TERM	SECOND TERM	SALARY
			PERCENT OF	PERCENT OF	
			TIME/SALARY	TIME/SALARY	
CHEMISTRY					
ASSISTANT PROFESSOR					
J. Michael Robinson		\$13,200		100 \$ 2,200	\$ 2,200
EARTH SCIENCE					
ASSOCIATE PROFESSOR					
Emilio Mutis-Duplat		17,700	100 \$ 2,950	.50 1,475	4,425
ENGINEERING					
ASSOCIATE PROFESSOR					
M. Ray Johnson		17,250	100 2,875	100 2,875	5,750
PHYSICS					
ASSISTANT PROFESSOR					
Horace W. L. Bledsoe		15,400	100 2,567	100 2,567	5,134
LIFE SCIENCE					
PROFESSOR AND CHAIRMAN					
Edwin B. Kurtz TT		22,156		100 3,693	3,693
VISITING ASSISTANT					
PROFESSOR					
George C. Offutt		13,000	100 2,167		2,167
ASSISTANT PROFESSOR					
Charlene Wisdom		14,500	.50 1,208		1,208
MATHEMATICS					
PROFESSOR					
James A. Nickel TT		18,096	100 3,016	100 3,016	6,032
ASSISTANT PROFESSOR					
Douglas F. Hale		14,553	100 2,426	100 2,426	4,852
COMPUTER SCIENCE					
ASSISTANT PROFESSOR					
Betty A. Sproule		14,500	100 2,417	100 2,417	4,834
			\$19,626	\$20,669	\$40,295

UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
 il 15, 1977 Meeting

COLLEGE OF ARTS AND EDUCATION

PAYROLL NAME	TITLE	9 MOS. RATE	6/1 - 7/15 FIRST TERM PERCENT OF TIME/SALARY	7/16 - 8/31 SECOND TERM PERCENT OF TIME/SALARY	TOTAL SALARY
ANTHROPOLOGY & SOCIOLOGY VISITING PROFESSOR					
Clyde B. Vedder		\$25,000		100 \$ 4,167	\$ 4,167
ASSISTANT PROFESSOR					
Robert C. Rhodes		13,000	100	\$ 2,167	2,167
VISITING INSTRUCTOR					
Donald W. Forsyth		13,000	100	2,167	2,167
ART ASSOCIATE PROFESSOR AND CHAIRMAN					
Stanley E. Marcus		19,000	100	3,167	3,167
VISITING ASSISTANT PROFESSOR					
Stephen M. Neihaus		12,500	.50	1,042	1,042
LECTURER					
Pamela C. Price		12,000	100	2,000	2,000
Sara L. Gilstrap		13,714	.35	800	800
COMMUNICATION ASSOCIATE PROFESSOR AND CHAIRMAN					
Robert N. Rothstein TT		18,200	100	3,033 .50	1,517 4,550
ASSISTANT PROFESSOR					
J. Michael Sproule		13,500	100	2,250	2,250
GOVERNMENT ASSISTANT PROFESSOR					
Lee E. Dutter		13,100	100	2,183	2,183
HISTORY ASSOCIATE PROFESSOR AND CHAIRMAN					
Roger C. Olien TT		18,000		100 3,000	3,000

UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
 11 15, 1977

COLLEGE OF ARTS AND EDUCATION (Cont.)

PAYROLL NAME	TITLE	9 MOS. RATE	6/1 - 7/15 FIRST TERM PERCENT OF TIME/SALARY	7/16 - 8/31 SECOND TERM PERCENT OF TIME/SALARY	TOTAL SALARY
ASSOCIATE PROFESSOR					
Mary E. Quinlivan		\$16,600	100	\$ 2,767	\$ 2,767
ASSISTANT PROFESSOR					
J. C. Tillapaugh		15,100		100 \$ 2,517	2,517
Frank N. Samponaro		13,600	100	2,267	2,267
LITERATURE PROFESSOR					
James L. Colwell TT		25,350	.50	2,113	2,113
ASSOCIATE PROFESSOR					
Margaret R. M. Neussendorfer		15,553	100	2,592	5,184
Dianne S. Peters TT		15,570		100 2,595	2,595
ASSISTANT PROFESSOR					
JoAnn T. Hackos		13,700		100 2,283	2,283
Julio A. Jimenez		14,100	100	2,350	2,350
LECTURER					
Martha King		13,600	100	2,267	2,267
Claudia Colwell		7,800	.50	650	650
MUSIC ASSOCIATE PROFESSOR AND CHAIRMAN					
David W. Sloan TT		18,350		100 3,058	3,058
ASSISTANT PROFESSOR					
Richard G. Clark		13,000	100	2,167	2,167
PEDAGOGICAL STUDIES PROFESSOR AND CHAIRMAN					
Clarence D. Kron TT		24,300	100	4,050	8,100
ASSOCIATE PROFESSOR					
Robert F. Ihinger TT		18,000		100 3,000	3,000

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
 April 15, 1977

COLLEGE OF ARTS AND EDUCATION (Cont.)

PAYROLL NAME	TITLE	9 MOS. RATE	6/1 - 7/15 FIRST TERM PERCENT OF TIME/SALARY	7/16 - 8/31 SECOND TERM PERCENT OF TIME/SALARY	TOTAL SALARY
ASSOCIATE PROFESSOR					
26.	Munro Shintani TT	\$18,850	100	\$ 3,142	100 \$ 3,142 \$ 6,284
27.	R. Scott Irwin TT	18,700	100	3,117	100 3,117 6,234
28.	Don E. Miller TT	17,200	100	2,867	100 2,867 5,734
29.	Terryl J. Anderson TT	18,000	100	3,000	3,000
30.	Robert Gerry TT	15,750	100	2,625	2,625
ASSISTANT PROFESSOR					
31.	Russell H. Johnson	17,150	100	2,858	100 2,858 5,716
32.	G. Peter Ienatsch	15,600	100	2,600	100 2,600 5,200
33.	Thomas L. Dynneson	14,823	100	2,471	2,471
34.	Patricio T. Jaramillo	14,800	100	2,467	2,467
PHYSICAL EDUCATION AND HEALTH ASSOCIATE PROFESSOR AND CHAIRMAN					
35.	B. Robert Carlson TT	20,500			100 3,417 3,417
ASSISTANT PROFESSOR					
6.	John S. Boelter	13,800	100	2,300	2,300
7.	Patti S. Dodds	13,900			100 2,317 2,317
8.	Lois A. Smith	13,900	100	2,317	2,317
PSYCHOLOGY ASSOCIATE PROFESSOR AND CHAIRMAN					
9.	Jon D. Swartz	19,700	100	3,283	100 3,283 6,566
PROFESSOR					
10.	Joel S. Greenspoon	25,000	100	4,167	100 4,167 8,334

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
April 15, 1977

COLLEGE OF ARTS AND EDUCATION (Cont.)

PAYROLL NAME	TITLE	9 MOS. RATE	6/1 - 7/15 FIRST TERM		7/16 - 8/31 SECOND TERM		TOTAL SALARY
			PERCENT OF TIME/SALARY	PERCENT OF TIME/SALARY	PERCENT OF TIME/SALARY	PERCENT OF TIME/SALARY	
ASSISTANT PROFESSOR							
1.	James N. Olson	14,700			100	2,450	2,450
2.	Andre Joseph	13,900	100	2,317			2,317
				\$79,563		\$58,997	\$138,560

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
March 18, 1977

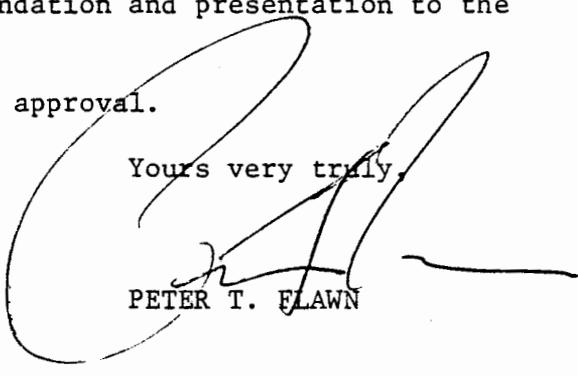
Deputy Chancellor E. D. Walker
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Deputy Chancellor Walker:

The docket for the April 15, 1977 meeting
of the Board of Regents is submitted to you
for recommendation and presentation to the
Board.

I recommend approval.

Yours very truly,



PETER T. FLAWN

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
April 15, 1977 Meeting

Q & F

GIFTS: Acceptance is recommended for the following gifts which have been received:

<u>Donor</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. *San Antonio Bicentennial Committee c/o Ms Esther MacMillan, Chairman, Heritage Committee P. O. Box 1628 San Antonio, Texas 78296	Gift to the Institute of Texan Cultures of 1,186 books entitled SAN ANTONIO IN THE EIGHTEENTH CENTURY. Books are to be re-sold and proceeds used for work on local history.	\$ 3,558.00**
2. Pro-Culture and Aid Society of Mexico, A.C. c/o Mr. I. Rotenberg, President Cartas A: Amsterdam 252-8 Mexico 11, D.F.	Gift of a collection of books in Yiddish to the John Peace Library	20,000.00**
3. Lone Star Abstract and Title Company, Inc. c/o Mr. Thomas P. Ingram, President P. O. Box 55 Midland, Texas 79701	Gift to the Division of Continuing Education of an Abstract Plant consisting of microfilmed county records, card files, geographical indexes, maps, storage containers, and microfilm readers for support of programs in the land title education field.	51,478.35**
4. KMOL-TV c/o Mr. Edward V. Cheviot, General Manager P. O. Box 2641 San Antonio, Texas 78299	Gift to the Institute of Texan Cultures of 250 television tape vignettes entitled REFLECTIONS ON TEXAS and accompanying scripts.	50,000.00**
Robert B. Lee 530 Grandview San Antonio, Texas 78209	Contribution for a scholarship for a designated student.	200.00
American Institute of Certified Public Accountants c/o Ms Sharon L. Donahue, Manager, Minority Recruitment 1211 Avenue of the Americas New York, New York 10036	Contribution for a scholarship for a designated student.	500.00
New England Merchants National Bank c/o Mr. Roger L. Gregg, Trust Officer 28 State Street Boston, Massachusetts 02106	Contribution for a scholarship for a designated student.	640.00
The Texas Methodist Foundation c/o Mr. Donald E. Redmond, Executive Director Capital National Bank Building Austin, Texas 78701	Contribution for scholarships for designated students.	375.00

Single asterisk preceding the name of the donor indicates no letter of transmittal from the donor. Two asterisks following the dollar amount indicate a noncash gift.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
April 15, 1977 Meeting

A

TRAVEL FOR FACULTY AND STAFF: The following travel is reported in accordance with Section 13.55 of Chapter III, Part Two of the Regents' Rules and Regulations for government of The University of Texas:

- .. Dr. Sandra Harley Carey, Assistant Professor, Division of Social Sciences, December 18, 1976 through January 16, 1977, to Philadelphia, Pennsylvania; San Francisco, California; and the South Pacific, to conduct research on industrial relations and personnel practices. Expenses in the amount of \$204.00 to be paid from Local Gift Funds.

8935

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL)
April 15, 1977 Meeting

DQAF

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL): Approval is requested for the following:

Department of the Interior
Bureau of Land Management
Denver Service Center
Denver Federal Center, Building 50
Denver, Colorado 80225

Contract Number YA-512-CT6-270
Radium Springs Archaeological Survey, New Mexico
This contract provides for an archaeological survey at Radium Springs, New Mexico.
Dr. Thomas R. Hester, Project Director
September 30, 1976 to January 31, 1977
\$35,537.00
Bexar County, Texas

Modification Number 1 of Contract Number YA-512-CT6-270
Radium Springs Archaeological Survey, New Mexico
This contract modification provides for additional work at the Radium Springs, New Mexico site.
Dr. Thomas R. Hester, Project Director
Extend contract period through February 28, 1977
No additional funds

National Aeronautics and Space Administration
Lyndon B. Johnson Space Center
Houston, Texas 77058

NASA Grant Number NSG 9049
Trace Elements in Planetary Material by Activation Analysis
Neutron activation (thermal and/or epithermal) and low energy photon spectrometry will be used to analyze metal particles separated from lunar soils and breccias for siderophile elements.
Dr. John W. Morgan, Project Director
For one year commencing February 1, 1977
\$62,100.00
Bexar County, Texas

Department of the Army
Army Engineer District
Fort Worth Corps of Engineers
Box 1229
Fort Worth, Texas 77553

Purchase Order Number DACW64-77-M-0269
Archaeological and Historical Assessment of the Tule Lake Tract, Nueces County
This contract provides funds for a reconnaissance survey for the archaeological and historical resources in the Tule Lake Tract area to be affected by disposal of dredge material during proposed maintenance and potential channel enlargement activities in the Corpus Christi Harbor in Nueces County, Texas.
Dr. Thomas R. Hester, Project Director
Awarded February 8, 1977
\$1,364.00
Bexar County, Texas

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
 April 15, 1977 Meeting

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL): continued

Department of the Army
 U. S. Army Mobility Equipment
 Research and Development Command
 Sanitary Sciences Division
 Fort Belvoir, Virginia 22060

5. Contract Number DAAK70-77-C-0018

The Evaluation of Alternate Methods for Reverse Osmosis Membrane Maintenance

This contract provides funds for research to determine the effect of candidate disinfectant on reverse osmosis membrane and to determine the microbiocidal efficiency of the candidate disinfectants for slime growths at feed-membrane interface.

Dr. Charles A. Sorber, Project Director
 January 19, 1977 through January 18, 1978
 \$19,576.00
 Bexar County, Texas

Department of the Air Force
 San Antonio Air Logistics Center
 Kelly Air Force Base, Texas 78241

College/University Agreement for Cooperative Education Program between San Antonio Air Logistics Center, Kelly Air Force Base and The University of Texas at San Antonio, signed by Vice President E. M. Mahon, whereby students at The University are offered federal employment opportunities and the cost of tuition, fees and books while pursuing their academic training. The program will blend academic training and practical work-experience by alternating periods of work and school. Effective date is January 10, 1977 to continue indefinitely unless voided through non-use or by either party upon 30-days written notice.

Department of the Air Force
 USAF School of Aerospace Medicine
 Kelly Air Force Base, Texas

Memorandum of Understanding between The University of Texas at San Antonio and USAF School of Aerospace Medicine, signed by President Peter T. Flawn, whereby laboratory equipment, facilities, and services are provided for use by the faculty and students of The University for research purposes. The Memorandum of Understanding is dated and signed January 17, 1977.

Department of Labor
 Employment and Training Administration
 through the Indian Employment Training Services, Inc.
 P. O. Box 206
 Livingston, Texas 77351

Grant Number 99-6-693-F-1

Training Agreement for Lay-Out (Art Work) Trainee

Through this grant The University of Texas at San Antonio (Institute of Texan Cultures) agrees to operate a comprehensive employment and training program for one Lay-Out Trainee (Art Work) to the maximum extent practicable, consistent with the Trainee's fullest capabilities which would enable the Trainee to become economically self-sufficient. No funds are to be administered by The University, but will be paid directly to the Trainee by the Texas Indian Employment Training Service, Inc.

Dr. Joseph A. Perry, Prime Sponsor Liaison Official
 February 1, 1977 to August 1, 1977
 \$2,392.00
 Bexar County, Texas

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
April 15, 1977 Meeting

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL): continued

Department of Justice
Law Enforcement Assistance Administration
Washington, D. C. 20531

- 9. Supplemental Award to Grant Number 76-LP-06-7006
Law Enforcement Education Program
 This grant provides additional funds for tuition and books to students in law enforcement programs.
 Mr. Salvador H. Gomez, Project Director
 No change in project period
 \$400.00 additional funds
 \$5,589.00 adjusted new total

National Science Foundation
Washington, D. C. 20550

- 10. Grant Number SMI77-00690
Student Science Training for High Ability Secondary School Students
 This grant provides for unique educational and research participation for high ability high school students.
 Dr. Helen Oujesky, Project Director
 February 15, 1977 through October 31, 1978
 \$20,960.00
 Bexar County, Texas

Grant Number ENV 75-04513A01
Virus Survival in Soils Injected with Municipal Wastewater Treatment Residuals
 This grant provides for research relating to virus survival in sludge-injected soils.
 Dr. Bernard P. Sagik, Project Director
 Extend ending date to August 31, 1977
 No additional funds

11 Business Administration
General Building, Room A-513
East Durango
Antonio, Texas 78206

Modification to SBI Contract Number SBA-0729-MA-77
 This modification to the contract provides management counseling and technical assistance by The University for an additional five small business concerns at \$250.00 per case.
 Extend completion date to June 30, 1977
 \$1,250.00 additional funds
 \$2,500.00 adjusted new total

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
April 15, 1977 Meeting

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL): continued

Department of the Army
Fort Worth District
Corps of Engineers
P. O. Box 17300
Fort Worth, Texas 76102

13. Contract Number DACA63-77-C-0081

Fort Sam Houston Archaeological and Historical Survey

This contract provides funds for an archaeological and historical survey for Fort Sam Houston, Camp Bullis, Fort Sam Houston Recreation Area at Canyon Lake and twenty-two Texas USAR Centers.

Dr. Thomas R. Hester, Project Director

Dated March 10, 1977

\$52,386.00

Bexar County, Texas

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
GRANTS, CONTRACTS, AND AGREEMENTS (STATE)
April 15, 1977 Meeting

GRANTS, CONTRACTS, AND AGREEMENTS (STATE): Approval is requested for the following:

- Amendment Number 2 to Interagency Contract (76-77)-0918 between the Greater South Texas Cultural Basin Commission and The University of Texas at San Antonio, signed by Vice President E. M. Mahon, whereby The University agrees to provide research development analysis of information, and personnel shall be available as advisors to a mutually agreed upon student intern. The amount of the contract has been increased and shall not exceed \$11,437.00. The contract period is extended through August 31, 1977.
- Amendment Number 3 to Interagency Contract (76-77)-0361 between the Texas Employment Commission and The University of Texas at San Antonio, signed by Vice President E. M. Mahon, whereby The University agrees to furnish sources of instruction and instructional aids to approved employees. The amount of the contract is to be increased by \$79.50. The adjusted new total of the contract shall not exceed \$470.50. The contract period remains the same.

Coordinating Board
Texas College and University System
P. O. Box 12788, Capitol Station
Austin, Texas 78711

Texas Statewide Corrections Intern Program

This grant will provide intern stipends for six undergraduate students to be placed with correctional agencies.

Mr. Norman R. Cox, Jr.
May 30, 1977 through August 31, 1977 (Summer Sessions)
\$6,930.00
Bexar County, Texas

University of Texas Health Science Center
San Antonio (Continuing Education)
333 Floyd Curl Drive
San Antonio, Texas 78284

Off-Campus Agreement, College Work Study Program, signed by Vice President E. M. Mahon. The purpose of this agreement is to provide work to students eligible to participate in the College Work Study Program. The form of the agreement has been previously approved by The University of Texas System Administration.
February 1, 1977 through August 31, 1977

Hourly wage for undergraduate students shall not exceed \$2.54
Hourly wage for graduate students shall not exceed \$2.90

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
GRANTS, CONTRACTS, AND AGREEMENTS (OTHER GOVERNMENTAL)
 April 15, 1977 Meeting

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GRANTS, CONTRACTS, AND AGREEMENTS (OTHER GOVERNMENTAL): Approval is requested for the following:

City of San Antonio
 P. O. Box 9066
 San Antonio, Texas 78285

1. Catalpa-Pershing Drainage Project

This grant provides for archaeological research on the Catalpa-Pershing project.
 Dr. Thomas R. Hester, Project Director
 Letter dated March 7, 1977
 \$686.00
 Bexar County, Texas

2. Alamo Plaza Project

This grant provides for archaeological services in relation to removal and replacement of flagstones in Alamo Plaza.
 Dr. Thomas R. Hester, Project Director
 Letter dated January 21, 1977
 \$216.00
 Bexar County, Texas

Old Arsenal Park Project

This grant provides for an archaeological survey of the Old Arsenal Park site.
 Dr. Thomas R. Hester, Project Director
 Letter dated February 11, 1977
 \$886.00
 Bexar County, Texas

Immaculate Conception Park Project

This grant provides for archaeological assessment of Immaculate Conception Park site.
 Dr. Thomas R. Hester, Project Director
 Letter dated January 12, 1977
 \$300.00
 Bexar County, Texas

John James Park Project

This grant provides for archaeological assessment of John James Park site.
 Dr. Thomas R. Hester, Project Director
 Letter dated January 13, 1977
 \$897.00
 Bexar County, Texas

Alamo-Blanco River Authority
 P. O. Box 271, 933 E. Court Street
 San Antonio, Texas 78155

Amendment Number 3 to Grant Number 2627301

Coletto Creek Project

This grant provides for an additional archaeological survey at the Coletto Creek site.
 Dr. Thomas R. Hester, Project Director
 Letter dated February 16, 1977
 \$974.00
 Bexar County, Texas

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
April 15, 1977 Meeting

GRANTS, CONTRACTS, AND AGREEMENTS (OTHER GOVERNMENTAL): continued

Suadalupe-Blanco River Authority
P. O. Box 271, 933 E. Court Street
Seguin, Texas 78155

7. Amendment Number 4 to Grant Number 2627301
Coletto Creek Project (Phase II Testing Program)

This grant provides for archaeological testing of seventeen sites at the Coletto Creek site.

Dr. Thomas R. Hester, Project Director
Letter dated February 24, 1977
\$15,333.00
Bexar County, Texas

City of Laredo
c/o Mayor J. C. Martin, Jr.
City Hall
Laredo, Texas 78040

8. City of Laredo - Drainage Project (EDA Number 08-51-01305)
This grant provides for archaeological and historical assessment of the City of Laredo Drainage Project
Dr. Thomas R. Hester, Project Director
Approved and accepted February 4, 1977
\$996.00
Bexar County, Texas

City of Rio Hondo
c/o Mr. Robert C. Cornelison,
City Manager
P. O. Box 396
Rio Hondo, Texas 78583

9. City of Rio Hondo - Municipal Complex Project
This grant provides for an archaeological survey of the Municipal Complex, City of Rio Hondo.
Dr. Thomas R. Hester, Project Director
Letter dated January 27, 1977
\$225.00
Bexar County, Texas

Northside Independent School District
10 Evers Road
San Antonio, Texas 78238

Check Number 013284 for Sub-Grant under the National Improvement of Reading Programs (U. S. Office of Education)

This sub-grant provides funds, \$1,925.00 per semester, for personnel and services necessary to teach one course for each of two semesters, Spring and Fall 1977.

Dr. Tomas Rivera, Project Director
Check dated February 1, 1977
\$3,850.00
Bexar County, Texas

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
April 15, 1977 Meeting

GRANTS, CONTRACTS, AND AGREEMENTS (OTHER GOVERNMENTAL): continued

Maverick County Commissioners Court
c/o Bryant-Curington, Inc., Consulting Engineers
1423 Guadalupe Street
Austin, Texas 78705

1. Job Number 75-326-U, Maverick County Site Project
This grant provides for an archaeological survey to be conducted at the
Maverick County site.
Dr. Thomas R. Hester, Project Director
Letter dated February 10, 1977
\$1,113.00
Bexar County, Texas

DJ

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL)
 April 15, 1977 Meeting

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL): Approval is requested for the following:

San Antonio Conservation Society
 107 King William Street
 San Antonio, Texas 78204

. Gresser-Hayes House Salvage Work 1977

This grant provides for an archaeological assessment of materials uncovered at Gresser-Hayes House.
 Dr. Thomas R. Hester, Project Director
 Letter dated February 28, 1977
 \$450.00
 Bexar County, Texas

. Dell Foster Company
 Subsidiary of Keuffel & Esser Company
 71 South Main Street
 Berne, Texas 78006

Purchase Order Number HF-014201
Three Dimensional Surface Approximation Program
 This purchase order provides for graphic software conversion.
 Dr. Lucio Tavernini, Project Director
 Dated February 21, 1977
 \$2,897.00
 Bexar County, Texas

Lenberger, Galindo and Associates, Inc.
 Consulting Engineers
 Suite 214, 11103 San Pedro Avenue
 San Antonio, Texas 78216

Sub-Contract (Work Order) to Contract Number DAC63-77-Cool9
Archaeological Survey of Flood Control Areas, City of Seguin
 This sub-contract provides for an archaeological survey of the Flood Protection Project site, City of Seguin.
 Dr. Thomas R. Hester, Project Director
 Letter dated March 2, 1977
 \$1,800.00
 Bexar County, Texas

American Revolution Bicentennial
 Commission of Texas
 210, University Hall, UTA
 Austin, Texas 76010

Centennial Succession

This project provides for utilization of a final American Revolution Bicentennial grant for maintaining, preserving and cataloging archival material, exhibit construction and purchase of necessary equipment to complete tasks.
 Jack R. Maguire, Project Director
 Letter dated February 14, 1977
 \$1,000.00
 Bexar County, Texas

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
April 15, 1977 Meeting

ORDERS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL): continued

City Armored Service
100 Hoefgen Street
San Antonio, Texas 78710

Agreement between The University of Texas at San Antonio and City Armored Service, signed by Vice President E. M. Mahon, whereby City Armored Service will transfer and convey, once each day, five days per week, Monday through Friday, money, currency, checks, securities, and other valuables. City Armored Service agrees to assume liability up to \$250,000.00 daily during the months of May, June, July, August, September, December, and January. The sum of \$250.00 per month shall be paid to City Armored Service between the first and tenth of each calendar month. This service shall begin on February 1, 1977 and continue from year-to-year with the understanding that it may be terminated by either party at the end of any calendar month by giving notice in writing to the other party sixty days in advance of termination date.

Escher & Porter Company
Environmental Instrumentation
Development Department
c/o Mr. Robert N. Roop, Manager
Pittsburgh, Pennsylvania 15224

Amendment to agreement whereby funds are granted for a research project entitled Enhancing Disinfection by In-Line Chlorine-Wastewater Contactors. This project will employ improved mixing techniques, through use of in-line chlorine wastewater contactors to produce bacteria destruction equivalent to conventional methods with substantially reduced contact times; to produce substantially better viricidal efficiencies; and to accomplish both substantially improved bacterial and viricidal efficiencies of chlorination with lower chlorine dosages. This agreement may be terminated upon thirty days' written notice by either party any time after January 1, 1977.
Dr. Charles A. Sorber, Project Director
Extend ending date to December 31, 1977
No additional funds

Southwest Research Institute
P.O. Box 28510
5000 Culebra Road
San Antonio, Texas 78284

Change Order Number 1 to Purchase Order Number 24851-SW
Analytical services will be performed by the College of Sciences and Mathematics at The University according to specifications.
Dated February 18, 1977
Increase total price by \$713.00
Adjusted new total \$24,258.00

Purchase Order 28459-SW
Analytical services will be performed by the College of Sciences and Mathematics at The University according to specifications.
Dated January 13, 1977
\$55,917.00

UNIVERSITY OF TEXAS AT SAN ANTONIO
 il 15, 1977 Meeting

NTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL): continued

Hogg Foundation
 or Mental Health
 University of Texas
 tin, Texas 78712

Peer Advising Program

This grant is in support of an experimental project to develop a peer advising program for minorities in the College of Sciences and Mathematics during Spring and Summer sessions of 1977.

Dr. Martin A. Kramen, Project Director
 Letter dated February 9, 1977
 \$6,418.00
 Bexar County, Texas

e Robert A. Welch Foundation
 10 Bank of the Southwest Building
 uston, Texas 77002

Grant Number AX-682

Studies of Natural Alpha-Emitting Nuclides

This grant provides funds to study natural alpha-emitting nuclides: chemical fractionation in igneous rocks and a search for super-heavy elements in minerals.

Dr. John W. Morgan, Project Director
 June 1, 1977 through May 31, 1980
 \$60,000.00
 Bexar County, Texas

ant-Curington, Inc.
 sulting Engineers
 3 Guadalupe Street
 tin, Texas 78285

Wastewater Treatment Facility Site Project, Carrizo Springs, Texas

This grant provides funds for an archaeological survey of the Wastewater Treatment Facility site, Carrizo Springs, Texas.

Dr. Thomas R. Hester, Project Director
 Letter dated February 25, 1977
 \$267.00
 Bexar County, Texas

n Company, U.S.A.
 . Box 2180
 ton, Texas 77001

Felder Archaeological Survey

This grant provides funds for an archaeological-historical survey on the Felder-McLean tracts in Live Oak County, Texas.

Dr. Thomas R. Hester, Project Director
 Completion date March 15, 1977
 \$995.00
 Bexar County, Texas

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
RECOMMENDED AMENDMENTS TO THE 1976-77 BUDGET
 April 15, 1977 Meeting

GENERAL ADMINISTRATION AND STUDENT SERVICES

Office of the Vice President for Academic Affairs

1. Increase the per cent time of Dr. Frank Pino, Jr., from 50% to 100% at an annual twelve month rate of \$25,500.00 for the period June 1, 1977 through August 31, 1977. Funds needed for this change are available in the department's Administrative and Professional Salaries and Computer Services accounts. (RBC 387)

Office of the Director of Accounting

2. Increase the salary of Mr. Lynwood C. Siebold, Assistant to the Director of Accounting, at an annual twelve month rate of \$14,500.00 to an annual twelve month rate of \$15,400.00 to be effective February 1, 1977 through August 31, 1977. Additional funds needed for this increase are available in the department's Administrative and Professional Salaries account and Classified Salaries account. (RBC 383)

Purchasing

3. Resign Mr. Richard S. Moore, Assistant Director of Purchasing, at an annual twelve month rate of \$12,000.00 to be effective January 31, 1977. (RBC 328)
4. Increase the salary of Mr. Gregory C. Milliger, Director of Purchasing, from an annual twelve month rate of \$16,300.00 to an annual twelve month rate of \$17,200.00 for the period February 1, 1977 through August 31, 1977. Funds for this increase are available in the department's Administrative and Professional Salaries account. (RBC 326)

IDENT INSTRUCTION

College of Business

Office of the Dean

5. Reappoint Dr. Brian L. Hawkins as Assistant Dean (without salary) for the period January 16, 1977 through May 31, 1977. Dr. Hawkins is also appointed in the Division of Management. (RBC 273)

Division of Accounting and Business Data System

6. Appoint Dr. Joe H. Ward, Jr. (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 231)
7. Increase the per cent time of Mr. James S. Hill (non-tenure) as Lecturer (75% time) at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Additional funds for this change are to be transferred from Unallocated Faculty Salaries. (RBC 248)

Reappoint Ms Reba A. Tolbert (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Additional funds for this appointment are to be transferred from Unallocated Faculty Salaries. Ms Tolbert was previously appointed as Lecturer at the same academic rate. (RBC 249)

UNIVERSITY OF TEXAS AT SAN ANTONIO
 il 15, 1977 Meeting

IDENT INSTRUCTION (continued)

College of Business

Division of Accounting and Business Data Systems

9. Reappoint Mr. Ezequiel Garcia, Jr., (non-tenure) as Teaching Associate (50% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Additional funds for this appointment are to be transferred from Unallocated Faculty Salaries. Mr. Garcia was previously appointed as Lecturer at the same academic rate. (RBC 250 - Revised)
10. Reappoint Mr. Leslie S. Klemcke, Jr. (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Additional funds for this appointment are to be transferred from Unallocated Faculty Salaries. Mr. Klemcke was previously appointed as Lecturer at the same academic rate. (RBC 251)
11. Increase the salary of Dr. Mohamad A. Sangeladji (non-tenure), Assistant Professor, at an academic nine month rate of \$16,500.00 to Assistant Professor at an academic nine month rate of \$17,500.00 for the period February 1, 1977 through May 31, 1977. Funds for this increase in salary are available in the division's Faculty Salaries account and from Unallocated Faculty Salaries. (RBC 329)
12. Appoint Dr. Latus R. Prikryl (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 386)

Division of Economics and Finance

3. Reappoint Mr. Charles M. McManuis (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,000.00 for the period January 16, 1977 through May 31, 1977. Additional funds for this appointment are to be transferred from Unallocated Faculty Salaries. Mr. McManuis was previously appointed as Lecturer at the same academic rate. (RBC 252)
 4. Appoint Dr. Fred Nordhauser (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 254)
 5. Appoint Mr. Austin C. Schlenker, Jr., (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 255)
 6. Appoint Dr. Manuel L. English (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$11,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 256)
- Appoint Dr. Cornelius (Neil) J. Calnan (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 257)

UNIVERSITY OF TEXAS AT SAN ANTONIO
April 15, 1977 Meeting

IDENT INSTRUCTION (continued)

College of Business

Division of Economics and Finance

18. Reappoint Dr. Joseph A. Rose, Jr. (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 261)
19. Reappoint Dr. Warner F. Fassnidge (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 262)
20. Reappoint Dr. Larry W. Gibbs (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 263)
21. Reappoint Dr. Richard Zock (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$11,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 264)
22. Reappoint Dr. Edward A. Benson (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 265)
23. Appoint Mr. Alejandro Velez (non-tenure) as Instructor at an academic nine month rate of \$13,500.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 277)
24. Appoint Dr. Michael H. Casey (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 278)
25. Appoint Dr. John Philpott (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 279)
26. Appoint Mr. Henry F. Garcia (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 378)
27. Appoint Mr. David R. Stok (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 379)

UNIVERSITY OF TEXAS AT SAN ANTONIO
 11 15, 1977 Meeting

IDENT INSTRUCTION (continued)

College of Business

Division of Economics and Finance

28. Appoint Mr. John Flannery (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 280)
29. Reappoint Dr. Robert S. Flaniken (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$8,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 287)
30. Reappoint Mr. Robert B. Dallin (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 288)

Division of Management

31. Appoint Dr. William H. Pope (non-tenure) as Lecturer (50% time) at an academic rate of \$8,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBD 281)
 2. Appoint Dr. Milton R. Bryant (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$8,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 282)
 - . Reappoint Mr. Bernard J. Wichlep (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$6,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 289)
 - . Reappoint Dr. James L. Quinn (non-tenure) as Lecturer at an academic nine month rate of \$11,200.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 316)
- Reappoint Ms Maureen Haff (non-tenure) as Teaching Associate at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 317)
- Appoint Mr. Ronald H. Ackles (non-tenure) as Teaching Associate (56% time) at an academic nine month rate of \$7,200.00 for the period April 1, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 380)

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IDENT INSTRUCTION (continued)

College of Fine and Applied Arts

Division of Art and Design

- 37. Reappoint Mr. Rudy R. Trevino (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 330)
- 38. Reappoint Ms Gerardine T. Frost (non-tenure) as Lecturer at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 331)
- 39. Reappoint Ms Wendy V. Edwards (non-tenure) as Lecturer at an academic nine month rate of \$9,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 332)
- 40. Reappoint Mr. Felipe Reyes, Jr., (non-tenure) as Lecturer at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 333)
- 41. Reappoint Mr. David S. Storey (non-tenure) as Lecturer at an academic nine month rate of \$9,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 334)
- 2. Appoint Ms Carol G. Chamberlin (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 335)
- 3. Reappoint Ms Judy Bankhead (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 357-Revised)

Division of Music

- . Reappoint Mr. Thomas G. Booth (non-tenure) as Lecturer (17% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 336)
- Reappoint Mr. Kenneth J. Wolfson (non-tenure) as Lecturer (5.6% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 337)
- * Reappoint Mr. Larry E. Mentzer (non-tenure) as Lecturer (42% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 338)

IDENT INSTRUCTION (continued)

College of Fine and Applied Arts

Division of Music

47. Reappoint Mr. Harvey Biskin (non-tenure) as Lecturer (22% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 339)
 48. Reappoint Ms Margaret Bell (non-tenure) as Lecturer (8.3% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 340)
 49. Reappoint Mr. Julius Schulman (non-tenure) as Lecturer (11% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 341)
 50. Reappoint Mr. Earl A. Hoffman (non-tenure) as Lecturer (28% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 342)
 51. Reappoint Mr. John L. Buchanan (non-tenure) as Lecturer (17% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 343)
 2. Reappoint Mr. Stephen Kraemer (non-tenure) as Lecturer (17% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 344)
 3. Reappoint Dr. Doris L. Harrel (non-tenure) as Lecturer (81% time) at an academic nine month rate of \$12,900.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 345)
 - . Reappoint Mr. Michael Soukup (non-tenure) as Teaching Associate (76% time) at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 346)
- Appoint Ms Pamela F. Noble (non-tenure) as Teaching Associate (81% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 347)
- Appoint Ms Sheila M. Palagi (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 348)

SIDENT INSTRUCTION (continued)

College of Fine and Applied Arts

Division of Music

57. Appoint Mr. David Van Abbema (non-tenure) as Lecturer (92% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 349)
58. Appoint Ms Janet Lee Ferguson (non-tenure) as Lecturer (14% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 350)
59. Appoint Mr. Dean R. Witten (non-tenure) as Lecturer (6% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 381)

College of Humanities and Social Sciences

Division of English, Classics and Philosophy

60. Reappoint Ms Nancy J. de la Zerda (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 290)
61. Appoint Mr. Laird F. Loomis (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 291)
62. Reappoint Ms Mary E. Weeks (non-tenure) as Teaching Associate at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 306)
63. Appoint Ms Jeanne M. Redmond (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 309)
64. Appoint Ms Carol T. Williams (non-tenure) as Teaching Associate (50% time) at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 311)
5. Appoint Ms Peggy S. Lloyd (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 312)
65. Reappoint Ms Sheralyn B. Merfish (non-tenure) as Teaching Associate at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 318)

SIDENT INSTRUCTION (continued)

College of Humanities and Social Sciences

Division of English, Classics and Philosophy

67. Reappoint Ms Alice K. Goodwin (non-tenure) as Teaching Associate at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 319)

Division of Foreign Languages

68. Appoint Dr. Frank W. Sargeant (non-tenure) as Teaching Associate at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 283)
69. Appoint Mr. Jean Mami (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 284)
70. Reappoint Ms Isable Maldonado (non-tenure) as Teaching Associate at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 292)
71. Reappoint Ms Irma L. Garcia (non-tenure) as Teaching Associate (75% time) at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 293)
72. Reappoint Ms Maria-Luisa C. de Shaffer (non-tenure) as Teaching Associate at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 294)
73. Reappoint Mr. Jonas Alvarez (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 295)
74. Reappoint Ms Mary E. Earle (non-tenure) as Teaching Associate (50% time) at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 296)
75. Reappoint Ms Iraida Iturralde (non-tenure) as Teaching Associate (50% time) at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 297)
- Reappoint Dr. William M. Clarkson (non-tenure) as Teaching Associate at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 298)

SIDENT INSTRUCTION (continued)

College of Humanities and Social Sciences

Division of Foreign Languages

77. Appoint Mr. Luis A. Ramos-Garcia (non-tenure) as Teaching Associate (75% time) at an academic nine month rate of \$10,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 310)
78. Appoint Mr. Orlando de la Rosa (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$16,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 351)

Division of Social Sciences

79. Appoint Ms Catherine R. Edwards (non-tenure) as Assistant Professor at an academic nine month rate of \$12,200.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 232 - Revised)
 80. Correct the title and salary of Mr. E. Lester Levine (non-tenure) from Visiting Associate Professor at an academic nine month rate of \$18,000.00 to Lecturer at an academic nine month rate of \$16,000.00. No additional funds are needed for this change. (RBC 253)
 81. Reappoint Dr. Ann F. Crawford (non-tenure) as Lecturer (75% time) at an academic nine month rate of \$10,400.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 352)
 82. Reappoint Dr. Lionel Patenaude (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$10,400.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 353)
 83. Reappoint Mr. Richard R. Bailey (non-tenure) as Lecturer at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 354)
 84. Reappoint Dr. Surjit Mansingh (non-tenure) as Visiting Assistant Professor at an academic nine month rate of \$14,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 355)
 85. Reappoint Mr. Ira Davis (non-tenure) as Lecturer at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 356)
- Reappoint Ms Judy Bankhead (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 357)

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RESIDENT INSTRUCTION (continued)

College of Humanities and Social Sciences

Division of Social Sciences

87. Appoint Mr. Edward N. Todd (non-tenure) as Teaching Associate (50% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 358)
88. Appoint Mr. Frank E. Stapper (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 359)
89. Appoint Ms Kathleen M. McGonagle (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 360)
90. Appoint Dr. Walter E. Driskill (non-tenure) as Lecturer (56% time) at an academic nine month rate of \$12,000.00 for the period April 1, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 361)
91. Appoint Mr. Barnabas Diekemper (non-tenure) as Visiting Assistant Professor (50% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 363)
92. Appoint Mr. Arthur J. Mayer (non-tenure) as Visiting Assistant Professor (75% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 364)
93. Appoint Dr. Nancyann Norbert (non-tenure) as Visiting Assistant Professor at an academic nine month rate of \$15,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 365)
94. Appoint Dr. Souheil S. Tawil (non-tenure) as Lecturer (75% time) at an academic nine month rate of \$10,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are available in the division's Faculty Salaries account and from Unallocated Faculty Salaries. (RBC 366)

College of Multidisciplinary Studies

Division of Bicultural-Bilingual Studies

95. Reappoint Mr. Emilio Zamora, Jr. (non-tenure) as Lecturer at an academic nine month rate of \$8,400.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 266)

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
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RESIDENT INSTRUCTION (continued)

College of Multidisciplinary Studies

Division of Bicultural-Bilingual Studies

96. Appoint Dr. Charles M. Wakasch (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 369)
97. Appoint Ms Nancy M. Hewett (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 370)

Division of Education

98. Cancel the appointment and resign Dr. Robert T. Alciatore (tenure) as Professor at an academic nine month rate of \$23,566.00 to be effective February 18, 1977. (RBC 233)
99. Reappoint Dr. Eileen T. Lundy (non-tenure) as Assistant Professor at an academic nine month rate of \$14,900.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are available in the division's Faculty Salaries account and Unallocated Faculty Salaries. (RBC 271)
100. Appoint Dr. Gus W. Hahn (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are available in the division's Faculty Salaries account. (RBC 272)
101. Correct the name of Dr. Katherine M. Paulos to Dr. Katherine P. Strickland (non-tenure) as Visiting Assistant Professor at an academic nine month rate of \$12,500.00 for the period September 1, 1976 through May 31, 1977. The change of name is due to marriage. No additional funds are needed for this change. (RBC 276)
102. Reappoint Dr. Rose M. Dreussi (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$12,400.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 313 - Revised)
103. Reappoint Ms Rajalakshmi Thyagarajan (non-tenure) as Teaching Associate (67% time) at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 314 - Revised)
104. Reappoint Ms Marian Sokol (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 315)

RESIDENT INSTRUCTION

College of Multidisciplinary Studies

Division of Education

105. Appoint Dr. Sandra B. Moyer (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are available in the division's Faculty Salaries account. (RBC 367)
106. Appoint Dr. John A. Michel (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$14,400.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are available in the division's Faculty Salaries account. (RBC 368)

Division of Environmental Studies

107. Reappoint Mr. Adolph Eisenmenger (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$12,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 237)
108. Reappoint Dr. Jose N. Uranga, Jr., (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$12,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 234)
109. Reappoint Mr. Gary L. Turnock (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$11,200.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 235)
110. Reappoint Dr. Robert O. Clark (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$13,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 236)
111. Reappoint Mr. William A. Myers (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 238)
112. Reappoint Mr. Robert R. Ashcroft (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 239)
113. Reappoint Dr. J. H. U. Brown (non-tenure) as Professor (without salary) for the period January 16, 1977 through May 31, 1977. (RBC 240)
114. Appoint Mr. Alexander Caragonne (non-tenure) as Lecturer (12½% time) at an academic nine month rate of \$12,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 241)

RESIDENT INSTRUCTION (continued)

College of Multidisciplinary Studies

Division of Environmental Studies

115. Appoint Dr. John Fletcher (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$10,400.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 242)
116. Appoint Dr. Gary Simmons (non-tenure) as Lecturer (7.5% time) at an academic nine month rate of \$13,333.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to come from the division's Faculty Salaries account and from Unallocated Faculty Salaries. (RBC 243 - Revised)
117. Appoint Dr. David L. Davidson (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$15,200.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are available in the division's Faculty Salaries account. (RBC 244)
118. Appoint Ms Martha G. Franklin (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$8,200.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 258)
119. Cancel the appointment and resign Dr. Robert R. Ashcroft (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$12,000.00 to be effective January 15, 1977. Dr. Ashcroft's resignation was subsequent to his appointment via RBC 239. (RBC 270)

Division of Special Programs

120. Appoint Mr. Donald A. Clowe (non-tenure) as Lecturer (25% time) at an academic nine month rate of \$14,400.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 259)
121. Appoint Dr. John F. Knoll (non-tenure) as Lecturer at an academic nine month rate of \$7,200.00 for the period April 1, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 260)
122. Reappoint Mr. George L. Keefer (non-tenure) as Lecturer at an academic nine month rate of \$8,100.00 for the period April 1, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 267)
123. Reappoint Mr. James R. Gillespie (non-tenure) as Lecturer (33% time) at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 268)

RESIDENT INSTRUCTION (continued)

College of Multidisciplinary Studies

Division of Special Programs

124. Reappoint Dr. Ann Thompson (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$8,625.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 269)
125. Appoint Major James E. Zimmerman (non-tenure) as Adjunct Assistant Professor (without salary) for the period January 16, 1977 through May 31, 1977. (RBC 275)

Division of Continuing Education

126. Appoint Ms Mary F. Bull as Assistant Coordinator for Special Programs (75% time) at an annual twelve month rate of \$12,000.00 for the period December 8, 1976 through August 31, 1977. Additional funds for this appointment are to be transferred from the division's Classified Salaries account. (RBC 227)
127. Resign Ms Sharon O. Lachman as Assistant Coordinator for Special Programs (76% time) at an annual twelve month salary rate of \$11,184.00 to be effective at close of business on November 19, 1976. (RBC 228)

College of Sciences and Mathematics

Division of Allied Health and Life Sciences

128. Appoint Mr. James T. Rutledge (non-tenure) as Assistant Professor at an academic nine month rate of \$14,500.00 for the period January 1, 1977 through May 31, 1977. Funds needed for this appointment are available from Unallocated Faculty Salaries and from Grant No. DAMD-17-75C-5062. (RBC 226 - Revised)
129. Reappoint Mr. John M. Kmetz (non-tenure) as Lecturer (50% time) at an academic nine month rate of \$14,400.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 299)
130. Reappoint Ms Rebecca P. Kapley (non-tenure) as Teaching Associate (50% time) at an academic nine month rate of \$9,500.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 300)
131. Reappoint Ms Toni C. Clark (non-tenure) as Teaching Associate at an academic nine month rate of \$10,500.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 301)
132. Reappoint Mr. Anthony H. Gonzalez (non-tenure) as Teaching Associate (50% time) at an academic nine month rate of \$9,500.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 302)

RESIDENT INSTRUCTION (continued)

College of Sciences and Mathematics

Division of Allied Health and Life Sciences

133. Reappoint Mr. Robert Walsh (non-tenure) as Lecturer at an academic nine month rate of \$14,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are available in the division's Faculty Salaries account and from Unallocated Faculty Salaries. (RBC 371)
134. Reappoint Ms Patricia M. Schwarz (non-tenure) as Teaching Associate (75% time) at an academic nine month rate of \$9,500.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 372)
135. Reappoint Mr. John W. Pennycook (non-tenure) as Teaching Associate (38% time) at an academic nine month rate of \$9,500.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 373)
136. Reappoint Mr. Steven J. Carlson (non-tenure) as Teaching Associate (38% time) at an academic nine month rate of \$9,500.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 374)
137. Increase the percent time of Dr. M. Neal Guentzel (non-tenure) as Assistant Professor (75% time) to Assistant Professor (100% time) at an academic nine month rate of \$16,000.00 for the period February 1, 1977 through May 31, 1977. Additional funds for this change are available in the division's Faculty Salaries account and from Unallocated Faculty Salaries. (RBC 384)

Division of Earth and Physical Sciences

138. Appoint Dr. Uttam Dasgupta (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$12,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 382)
139. Increase the per cent time of Dr. Marvin L. Chatkoff (non-tenure) as Assistant Professor at an academic nine month rate of \$21,000.00 from 50% to 100% time for the period January 16, 1977 through May 31, 1977. Funds for this change are to come from the division's Faculty Salaries account and from Unallocated Faculty Salaries. (RBC 245)
140. Reappoint Dr. Allan W. Rees (non-tenure) as Visiting Assistant Professor (50% time) at an academic nine month rate of \$13,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 303)
141. Reappoint Mr. Weldon W. Hammond, Jr., (non-tenure) as Teaching Associate (50% time) at an academic nine month rate of \$10,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 304)

RESIDENT INSTRUCTION (continued)

College of Sciences and Mathematics

Division of Earth and Physical Sciences

142. Reappoint Ms Pamela D. Green (non-tenure) as Teaching Associate (75% time) at an academic nine month rate of \$10,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 305)
143. Appoint Mr. William F. Wilson (non-tenure) as Adjunct Assistant Professor (without salary) for the period January 16, 1977 through May 31, 1977. (RBC 375)
144. Appoint Mr. Ruben Worrell (non-tenure) as Teaching Associate (without salary) for the period January 16, 1977 through May 31, 1977. (RBC 376)

Division of Mathematics, Computer Sciences and System Design

145. Reappoint Mr. Robert L. Young (non-tenure) as Lecturer (75% time) at an academic nine month rate of \$14,000.00 for the period January 16, 1977 through May 31, 1977. Additional funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 225)
146. Appoint Ms Jeanne E. Brocavich (non-tenure) as Teaching Associate (50% time) at an academic nine month rate of \$9,600.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 285)
147. Appoint Mr. David E. Camann (non-tenure) as Teaching Associate (25% time) at an academic nine month rate of \$8,800.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 286)
148. Reappoint Mr. Paul R. Stefancyk (non-tenure) as Teaching Associate (50% time) at an academic nine month rate of \$8,000.00 for the period January 16, 1977 through May 31, 1977. Funds for this appointment are to be transferred from Unallocated Faculty Salaries. (RBC 307)
149. Cancel the appointment of Dr. James M. Hornell (non-tenure) as Assistant Professor at an academic nine month rate of \$15,000.00 to be effective January 16, 1977. Dr. Hornell's resignation was subsequent to his appointment via RBC 223. (RBC 320)

Organized Activities Related to Instruction

Lutcher Center

150. Increase the per cent time of Mr. Armando B. Zepeda, Director, from 75% to 100% at an annual twelve month rate of \$12,800.00 for the period March 1, 1977 through August 31, 1977. Funds needed for this change are to be transferred from Unallocated - Organized Activities. (RBC 388)

ORGANIZED RESEARCH

Center for Archaeological Research

151. Appoint Dr. Thomas R. Hester as Director (25% time) at an annual twelve month rate of \$22,867.00 for the period February 1, 1977 through May 31, 1977. Dr. Hester is also appointed (with tenure) as Associate Professor (75% time) in the Division of Social Sciences. Funds for this change are to be transferred from Unallocated (Organized Research) Maintenance and Operation. (RBC 377)

PHYSICAL PLANT OPERATION AND MAINTENANCE

Administration

152. Resign Mr. Earl R. Stockwell, Assistant Director of Physical Plant, at an annual twelve month rate of \$19,900.00 to be effective December 31, 1976. (RBC 246)
153. Increase the salary and promote Mr. Walton J. Grinke from Utilities Superintendent at an annual twelve month rate of \$17,100.00 to Assistant Director of Physical Plant at an annual twelve month rate of \$19,000.00 to be effective January 1, 1977 through August 31, 1977. Additional funds needed are to be transferred from Physical Plant (General Services) Maintenance and Operation. (RBC 247)

SPECIAL ITEMS

Institute of Texan Cultures

Administration and General Services

154. Appoint Mr. John A. Anderson as Special Consultant to the Executive Director at an annual twelve month rate of \$23,000.00 for the period December 15, 1976 through May 15, 1977. Funds for this appointment are available from the Bicentennial Grant. (RBC 274)

Records

155. Correct the name of Ms Laura J. Simmons to Ms Laura J. Bullion, Reference Librarian at an annual twelve month rate of \$14,000.00 for the period September 1, 1976 through August 31, 1977. The change of name is due to marriage. No additional funds are needed. (RBC 229)

Exhibits Operation

156. Resign Mr. Oscar T. Baker, Exhibit Manager (50% time) at an annual twelve month rate of \$21,400.00 to be effective January 31, 1977. (RBC 362)

SERVICE DEPARTMENTS

Computer Center Services

157. Increase the salary of Mr. David E. Boehringer, Coordinator of Administrative Systems from an annual twelve month rate of \$15,900.00 to an annual twelve month rate of \$17,400.00 for the period February 1, 1977 through August 31, 1977. Funds for this increase are available in the department's Administrative and Professional and Classified Salaries account. (RBC 327)

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
 April 15, 1977 Meeting

BUDGET TRANSFERS

158. Amount of Transfer: \$6,583.00

From: Division of Music, Classified Salaries	\$ 5,112.00
Unallocated Departmental Operating Expenses, Maintenance and Operation	471.00
Office of Instructional Services, Wages	1,000.00
To: Division of Music, Maintenance and Operation	\$ 5,112.00
Division of Social Sciences, Travel	471.00
Office of Instructional Services, Travel	1,000.00
For: To provide funds necessary to meet departmental operational needs. (RBC 230)	

159. Amount of Transfer: \$5,000.00

From: Instructional Services, Unallocated	\$ 5,000.00
To: Instructional Services, Maintenance and Operation	\$ 5,000.00
For: To provide funds necessary for the department's operational needs. (RBC 321)	

160. Amount of Transfer: \$14,116.00

From: Lutchter Center, Classified Salaries	\$ 5,916.00
Unallocated - Instructional Administration	5,000.00
Unallocated - Organized Research	3,200.00
To: Office of the Dean, College of Multidisciplinary Studies, Maintenance and Operation	\$ 5,000.00
Lutchter Center, Maintenance and Operation.	5,916.00
Center for Studies in Business, Economics and Human Resources, Maintenance and Operation	2,000.00
Center for Studies in Business, Economics and Human Resources, Travel	1,200.00
For: To provide funds necessary to meet departmental operational needs. (RBC 322)	

161. Amount of Transfer: \$1,500.00

From: Counseling Center, Unallocated	\$ 1,500.00
To: Counseling Center, Wages	\$ 500.00
Counseling Center, Maintenance and Operation	1,000.00

162. Amount of Transfer: \$12,000.00

From: Unallocated - General Administration, Maintenance and Operation	\$10,800.00
Unallocated - General Institutional Expense, Maintenance and Operation	200.00
Physical Plant - General Services, Maintenance and Operation	1,000.00

BUDGET TRANSFERS

162. (continued)

To:	Office of the Vice President for Academic Affairs, Maintenance and Operation	\$1,800.00
	Office of the Director of Accounting, Maintenance and Operation	5,000.00
	Office of Admissions and Registrar, Wages	4,000.00
	Mail Service, Maintenance and Operation	200.00
	Physical Plant - Administration, Maintenance and Operation	1,000.00
For:	To provide funds necessary to meet departmental needs. (RBC 325)	

163. Amount of Transfer: \$200,000.00

From:	Central Technical Services, Sales and Services (via additional revenue)	\$200,000.00
To:	Central Technical Services, Administrative and Professional Salaries	\$ 9,000.00
	Classified Salaries	50,000.00
	Wages	1,000.00
	Equipment	75,000.00
	Purchase of Materials for Resale	60,000.00
	Travel	5,000.00

For: To provide this department with funds necessary to meet its operational needs. Additional funds are to be derived via additional income from Sales and Services. (RBC 385)

1977 Summer Session Budget

164. Approval is requested for the proposed 1977 Summer Session Budget:

41

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

RECOMMENDATIONS FOR SALARY BUDGET
FOR
SUMMER SESSION 1977

SAN ANTONIO, TEXAS
March 4, 1977

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
 SUMMER OF 1977 SUMMER SESSION BUDGET
 (ELEMENTS OF INSTITUTIONAL COST)

SOURCE OF FUNDS

Summer Session Faculty Salaries in 1976-77 Budget (p. 108)		\$1,797,584
Transfer to Unallocated Accounts:		
Unallocated - Faculty Salaries	\$988,753	<u>988,753</u>
Funds Available		<u>\$ 808,831</u>

APPLICATION OF FUNDS

1977 Summer Session Budget

Resident Instruction

Faculty Salaries		<u>\$ 808,831</u>
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THE UNIVERSITY OF TEXAS AT SAN ANTONIO

1977 SUMMER SESSION BUDGET

RESIDENT INSTRUCTION

COLLEGE OF BUSINESS

Division of Accounting and Business Data Systems.....	\$ 62,117
Division of Economics and Finance.....	65,231
Division of Management.....	<u>79,696</u>

Total College of Business 207,044

COLLEGE OF FINE AND APPLIED ARTS

Division of Art and Design.....	27,673
Division of Music.....	<u>35,153</u>

Total College of Fine and Applied Arts 62,826

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Division of English, Classics, and Philosophy.....	57,399
Division of Foreign Languages.....	50,037
Division of Social Sciences.....	<u>59,998</u>

Total College of Humanities and Social Sciences 167,434

COLLEGE OF MULTIDISCIPLINARY STUDIES

Division of Education.....	164,568
Division of Bicultural-Bilingual Studies.....	27,716
Division of Environmental Studies.....	38,408
Division of Special Programs.....	<u>22,471</u>

Total College of Multidisciplinary Studies 253,163

COLLEGE OF SCIENCES AND MATHEMATICS

Division of Allied Health and Life Sciences.....	27,052
Division of Earth and Physical Sciences.....	31,371
Division of Mathematics, Computer Sciences, & Systems Design.....	<u>59,941</u>

Total College of Sciences and Mathematics 118,364

TOTAL 1977 SUMMER SESSION BUDGET \$808,831

1977 SUMMER SESSION BUDGET

2253

Division of Accounting and
Business Data Systems

Department

Leslie L. McNelis

Division Director

<u>Item</u>	<u>No.</u>	<u>Title - Name</u>	<u>Appt. Period</u>	<u>% Time</u>	<u>Mo.</u>	<u>1976-77 Academic Rate</u>	<u>1977 Summer Amount</u>
		<u>0017 Professor and Director</u>					
	1.	Leslie L. McNelis	T 6-01 8-31	100	3	\$24,000	\$ 8,000
		<u>0020 Associate Professor</u>					
	2.	Ruth Bullard	6-01 8-31	75	3	20,200	5,050
	3.	Hans V. Johnson	6-01 8-31	100	3	20,000	6,667
	4.	E. Lou Curry	6-01 7-15	100	1.5	17,500	2,917
	5.	Adrian L. Kline	6-01 8-31	75	3	18,500	4,625
		<u>0030 Assistant Professor</u>					
	6.	John W. Gowens, II	6-01 7-31	75	2	16,450	2,742
	7.	James U. Ross	6-01 7-15	100	1.5	15,100	2,517
	8.	Robert V. Egenolf	6-01 8-31	100	3	18,100	6,033
	9.	Mohamad A. Sangeladji	6-01 8-31	100	3	17,500	5,833
	10.	Joseph R. Oliver	6-01 8-31	75	3	18,000	4,500
		<u>0040 Instructor</u>					
	11.	James L. Ahern	6-01 8-31	100	3	13,600	4,533
	12.	Karim A. J. Dhanani	6-01 8-31	75	3	13,300	3,325
	13.	Linda S. Bustamante	6-01 8-31	75	3	13,500	3,375
		<u>0050 Lecturer</u>					
	14.	J. Scott Hill	6-01 7-31	75	2	12,000	2,000
		TOTAL - Faculty Salaries					62,117*

1977 SUMMER SESSION BUDGET

3250

Division of Economics and Finance

Department

William S. Franklin

Division Director (Acting)

<u>Item</u>	<u>No.</u>	<u>Title - Name</u>	<u>Appt. Period</u>	<u>% Time</u>	<u>Mo.</u>	<u>1976-77 Academic Rate</u>	<u>1977 Summer Amount</u>
		<u>0039 Assistant Professor and Acting Director</u>					
1.		William S. Franklin	6-01 8-31	100	3	\$17,100	\$ 5,700
		<u>0010 Professor</u>					
2.		Edward D. Hodo	T 6-01 8-31	33	3	27,750	3,083
3.		Dale B. Truett	T 6-01 8-31	83	3	22,450	6,236
4.		Robert T. Aubey	T 6-01 8-31	75	3	23,100	5,775
		<u>0020 Associate Professor</u>					
5.		Paul Bartlett, Jr.	T 6-01 8-31	100	3	20,562	6,854
6.		William L. Scott	6-01 8-31	100	3	17,000	5,667
		<u>0030 Assistant Professor</u>					
7.		Lila J. Flory	6-01 8-31	100	3	16,150	5,383
8.		Gary E. Wood	6-01 7-15	100	1.5	16,500	2,750
9.		John A. Swiger	6-01 7-15	100	1.5	16,500	2,750
10.		Scott T. Jones	6-01 8-31	100	3	14,500	4,833
11.		_____	6-01 8-31	75	3	14,400	3,600
12.		_____	6-01 8-31	75	3	14,400	3,600
		<u>0032 Visiting Assistant Professor</u>					
13.		Linda E. Sorber	6-01 8-31	100	3	13,500	4,500
		<u>0040 Instructor</u>					
14.		Alejandro Velez	6-01 8-31	100	3	13,500	4,500
		TOTAL - Faculty Salaries					65,231*

1977 SUMMER SESSION BUDGET

2080

Division of Management Department
William D. Litzinger Division Director

<u>Item</u>	<u>No.</u>	<u>Title - Name</u>	<u>Appt. Period</u>	<u>% Time</u>	<u>Mo.</u>	<u>1976-77 Academic Rate</u>	<u>1977 Summer Amount</u>
		<u>0017 Professor and Director</u>					
1.		William D. Litzinger	T 6-01 8-31	100	3	\$26,641	\$ 8,880
		<u>0010 Professor</u>					
2.		Arch W. Hunt	T 6-01 8-31	67	3	24,750	5,500
		<u>0020 Associate Professor</u>					
3.		Richard B. Wadsworth	T 7-16 8-31	100	1.5	21,070	3,512
4.		Paul Preston	6-01 7-15	100	1.5	19,600	3,267
5.		William G. Mitchell	6-01 8-31	100	3	17,000	5,667
		<u>0030 Assistant Professor</u>					
6.		Charles D. Porterfield	6-01 8-31	100	3	16,215	5,405
7.		Larry E. Penley	6-01 8-31	75	3	15,450	3,863
8.		William T. Flannery	6-01 8-31	100	3	16,000	5,333
9.		Sammy B. Gould	6-01 8-31	100	3	15,500	5,167
10.		Sandra L. Holmes	6-01 7-15	100	1.5	15,400	2,567
11.		Brian L. Hawkins	6-01 8-31	100	3	15,650	5,217
12.		Donald N. Soderberg	6-01 8-31	75	3	16,000	4,000
13.		Joel G. Saegert	6-01 7-31	75	2	16,000	2,667
14.		Norman P. Smith	6-01 8-31	100	3	15,500	5,167
15.		Marye T. Hilger	6-01 8-31	100	3	15,500	5,167
16.		_____	6-01 8-31	75	3	14,400	3,600
17.		_____	6-01 8-31	50	3	14,400	2,400
		<u>0059 Teaching Associate</u>					
18.		Bernard J. Wichlep	6-01 7-31	56	2	6,800	850
19.		Maureen N. Haff	6-01 7-15	100	1.5	8,800	1,467
TOTAL - Faculty Salaries							79,696*

1977 SUMMER SESSION BUDGET

3281

Division of Art and Design Department
Ronald C. Binks Division Director

<u>Item</u>	<u>No.</u>	<u>Title - Name</u>	<u>Appt. Period</u>	<u>% Time</u>	<u>Mo.</u>	<u>1976-77 Academic Rate</u>	<u>1977 Summer Amount</u>	
		<u>0017 Professor and Director</u>						
1.		Ronald C. Binks	T 6-01 8-31	100	3	\$21,000	\$ 7,000	
		<u>0010 Professor</u>						
2.		Jacinto Quirarte	T 6-01 8-31	33	3	27,675	3,075	
		<u>0020 Associate Professor</u>						
3.		Charles T. Field	T 6-01 7-15	100	1.5	19,590	3,265	
		<u>0030 Assistant Professor</u>						
4.		Ronald M. Cohen	6-01 7-31	75	2	14,000	2,333	
		<u>0050 Lecturer</u>						
5.		Wendy V. Edwards	6-01 7-15	80	1.5	9,000	1,200	
6.		Felipe Reyes, Jr.	6-01 7-31	50	2	10,800	1,200	
7.		Gerardine T. Frost	6-01 7-15	75	1.5	9,600	1,200	
8.		Rudy R. Trevino	6-01 7-15	75	1.5	9,600	1,200	
9.		Judy Bankhead	6-01 7-15	75	1.5	9,600	1,200	
10.		Kent Rush	6-01 7-15	75	1.5	9,600	1,200	
		<u>0059 Teaching Associate</u>						
11.		Carol G. Chamberlin	6-01 8-31	75	3	9,600	2,400	
12.		Elizabeth Boone	6-01 8-31	75	3	9,600	2,400	
		TOTAL - Faculty Salaries						27,673*

1977 SUMMER SESSION BUDGET

0260

Division of Music

Department

Gordon H. Lamb

Division Director

<u>Item</u>	<u>No.</u>	<u>Title - Name</u>	<u>Appt. Period</u>	<u>% Time</u>	<u>Mo.</u>	<u>1976-77 Academic Rate</u>	<u>1977 Summer Amount</u>
<u>0017 Professor and Director</u>							
1.		Gordon H. Lamb	T 6-01 8-31	100	3	\$23,250	\$ 7,750
<u>0020 Associate Professor</u>							
2.		James R. Riley	6-01 8-31	50	3	17,200	2,866
3.		_____	6-01 8-31	50	3	18,500	3,083
<u>0040 Instructor</u>							
4.		Michael Fink	6-01 8-31	50	3	13,450	2,242
5.		Mark A. Williams	6-01 7-15	25	1.5	12,700	529
6.		Michael P. Guiltinan	6-01 7-15	100	1.5	12,500	2,083
<u>0050 Lecturer</u>							
7.		_____	6-01 7-15	100	1.5	10,800	1,800
8.		_____	6-01 7-15	100	1.5	10,800	1,800
9.		_____	6-01 7-15	100	1.5	10,800	1,800
10.		_____	6-01 7-15	100	1.5	10,800	1,800
11.		_____	6-01 7-15	100	1.5	10,800	1,800
12.		_____	6-01 7-15	100	1.5	10,800	1,800
13.		_____	6-01 7-15	100	1.5	10,800	1,800
<u>0059 Teaching Associate</u>							
14.		Gregg Smith	6-01 7-15	50	1.5	16,800	1,400
15.		Rosalind Smith	6-01 7-15	50	1.5	16,800	1,400
16.		Maria Farkas	6-01 7-15	50	1.5	14,400	1,200
TOTAL - Faculty Salaries							35,153*

1977 SUMMER SESSION BUDGET

2283

Department of English, Classics and
Philosophy

Department

E. Craven

Division Director

<u>Item</u>	<u>No.</u>	<u>Title - Name</u>	<u>Appt. Period</u>	<u>% Time</u>	<u>Mo.</u>	<u>1976-77 Academic Rate</u>	<u>1977 Summer Amount</u>
<u>0017 Professor and Director</u>							
1.		Alan E. Craven	T 6-01 8-31	100	3	\$22,416	\$ 7,472
<u>0020 Associate Professor</u>							
2.		John A. Stoler	T 7-16 8-31	100	1.5	18,303	3,051
3.		Elizabeth Francis	6-01 8-31	75	3	16,000	4,000
<u>0030 Assistant Professor</u>							
4.		Kenneth Friedenreich	6-01 7-15	100	1.5	13,475	2,246
5.		John Hackett	6-01 7-15	100	1.5	15,975	2,663
6.		Arthur R. Miller	6-01 7-15	100	1.5	13,525	2,254
7.		David R. Saliba	6-01 7-15	100	1.5	13,200	2,200
8.		Charles W. Kneupper	6-01 7-15	100	1.5	14,500	2,417
9.		Helen Dry	7-16 8-31	100	1.5	14,500	2,417
<u>0040 Instructor</u>							
10.		Arnold N. Sparks	6-01 7-15	100	1.5	13,675	2,279
<u>0045 Assistant Instructor</u>							
11.		_____	6-01 8-31	100	3	13,200	4,400
12.		_____	6-01 8-31	100	3	13,200	4,400
13.		_____	6-01 8-31	100	3	13,200	4,400
14.		_____	6-01 8-31	100	3	13,200	4,400
15.		_____	6-01 8-31	100	3	13,200	4,400
16.		_____	6-01 8-31	100	3	13,200	4,400
TOTAL - Faculty Salaries							57,399*

1977 SUMMER SESSION BUDGET

2201

Division of Foreign Languages Department
Himmelblau Division Director

<u>Account</u>	<u>Item</u>	<u>Title - Name</u>	<u>Appt. Period</u>	<u>% Time</u>	<u>Mo.</u>	<u>1976-77 Academic Rate</u>	<u>1977 Summer Amount</u>
		<u>0017 Professor and Director</u>					
	1.	Jack Himmelblau	T 6-01 8-31	100	3	\$22,125	\$ 7,375
		<u>0010 Professor</u>					
	2.	Ricardo E. Benavides	T 6-01 8-31	50	3	21,291	3,549
		<u>0020 Associate Professor</u>					
	3.	Theodore L. Kassier	6-01 8-31	75	3	16,750	4,187
026	4.	R. Joe Campbell	6-01 8-31	50		18,158	3,026
		Division of Bicultural					
		Bilingual Studies	6-01 8-31	25			
<u>514</u>		Total Salary		75	3		
<u>540</u>							
		<u>0045 Assistant Instructor</u>					
	5.	_____	6-01 8-31	100	3	13,200	4,400
	6.	_____	6-01 8-31	100	3	13,200	4,400
	7.	_____	6-01 8-31	100	3	13,200	4,400
	8.	_____	6-01 8-31	100	3	13,200	4,400
	9.	_____	6-01 8-31	100	3	13,200	4,400
	10.	_____	6-01 8-31	100	3	13,200	4,400
	11.	_____	6-01 8-31	100	3	13,200	4,400
	12.	_____	6-01 7-15	50	1.5	13,200	1,100
		TOTAL - Faculty Salaries					50,037*

1977 SUMMER SESSION BUDGET

3205

Division of Social Sciences Department
Thomas C. Greaves Division Director

Accounting Data	Item No.	Title - Name	Appt. Period	% Time	Mo.	1976-77 Academic Rate	1977 Summer Amount
		<u>0017 Professor and Director</u>					
	1.	Thomas C. Greaves	T 6-01 8-31	100	3	\$23,194	\$ 7,731
		<u>0010 Professor</u>					
	2.	Richard E. W. Adams	T 6-01 8-31	33	3	27,900	3,100
		<u>0020 Associate Professor</u>					
	3.	Raymond R. Baird	T 6-01 7-15	100	1.5	18,500	3,083
	4.	Felix D. Almaraz, Jr.	T 6-01 7-15	100	1.5	18,843	3,141
667	5.	Richard V. McGehee	6-01 7-15	50		20,000	1,667
667		DHEW Grant	7-16 8-31	50			
667		Earth & Physical Sciences	6-01 7-15	50			
O/S		Environmental Studies	7-16 8-31				
001		Total Salary			3		
		<u>0030 Assistant Professor</u>					
	6.	Woodruff D. Smith	7-16 8-31	100	1.5	17,105	2,851
	7.	Steven R. Boyd	6-01 7-15	100	1.5	13,875	2,313
	8.	R. Michael Stevens	6-01 7-15	100	1.5	13,850	2,308
	9.	David R. Johnson	6-01 8-31	50	3	14,475	2,412
	10.	James Wadington	6-01 7-15	100	1.5	13,675	2,279
	11.	Daniel C. Rigney	6-01 7-15	100	1.5	13,575	2,263
	12.	Richard A. Gambitta	6-01 7-15	100	1.5	13,200	2,200
	13.	_____	6-01 8-31	100	3	14,400	4,800
	14.	_____	6-01 8-31	100	3	14,400	4,800
	15.	_____	6-01 8-31	100	3	14,400	4,800
	16.	_____	6-01 8-31	100	3	14,400	4,800
	17.	_____	6-01 8-31	50	3	14,400	2,400
		<u>0040 Instructor</u>					
	18.	Gilberto M. Hinojosa	6-01 7-15	50	1.5	12,200	1,017
	19.	Catherine R. Edwards	6-01 7-15	100	1.5	12,200	2,033
		TOTAL - Faculty Salaries					59,998*

1977 SUMMER SESSION BUDGET

0403

Division of Education Department
Thomas J. Cleaver Division Director (Acting)

<u>Item</u>	<u>No.</u>	<u>Title - Name</u>	<u>Appt. Period</u>	<u>% Time</u>	<u>Mo.</u>	<u>1976-77 Academic Rate</u>	<u>1977 Summer Amount</u>
<u>0019 Professor and Acting Director</u>							
1.		Thomas J. Cleaver	T 6-01 8-31	100	3	\$24,767	\$ 8,256
<u>0010 Professor</u>							
2.		Dewey D. Davis	T 6-01 8-31	75	3	22,666	5,667
3.		Wayne W. Laughery	T 6-01 8-31	100	3	22,264	7,421
4.		Elwood B. Traylor	T 6-01 8-31	75	3	22,264	5,566
5.		Paul H. Westmeyer	T 6-01 8-31	100	3	23,066	7,689
6.		Milo E. Kearney	T 6-01 8-31	33	3	22,800	2,533
<u>0020 Associate Professor</u>							
7.		Berry Sutherland	T 6-01 8-31	100	3	18,377	6,126
8.		Ronnie N. Alexander	6-01 8-31	75	3	15,500	3,875
9.		John W. Hollomon	T 6-01 8-31	75	3	18,593	4,648
10.		Cecile G. Burns	6-01 8-31	75	3	15,664	3,916
11.		Emma D. Holden	6-01 7-15	100	1.5	16,000	2,667
<u>0030 Assistant Professor</u>							
12.		Larrie E. Gale	6-01 8-31	50	3	16,350	2,725
13.		Myrna L. Estep	6-01 7-15	100	1.5	12,900	2,150
14.		Kenneth W. Wunderlich	6-01 8-31	75	3	15,107	3,777
15.		Robert E. Lindberg	6-01 7-15	100	1.5	14,000	2,333
16.		Peter Fairweather	6-01 8-31	75	3	12,900	3,225
17.		Barbara M. Gonzalez	6-01 8-31	75	3	13,400	3,350
18.		Robert E. Roemer	6-01 7-15	100	1.5	13,400	2,233
19.		Pamela Y. Dalton	6-01 8-31	75	3	12,900	3,225
20.		Herbert K. Heger	6-01 8-31	75	3	14,600	3,650
21.		Richard A. Diem	6-01 8-31	100	3	12,900	4,300
22.		James E. Schnitz	6-01 8-31	75	3	12,900	3,225
23.		Paula R. Boothby	6-01 8-31	75	3	12,900	3,225
24.		Jane B. Markowitz	6-01 8-31	100	3	13,900	4,633
25.		Ronald J. LaCoste	6-01 8-31	75	3	12,900	3,225

1977 SUMMER SESSION BUDGET

3207

Division of Education
As J. Cleaver

Department
Division Director (Acting)

<u>Item</u>	<u>No.</u>	<u>Title - Name</u>	<u>Appt. Period</u>	<u>% Time</u>	<u>Mo.</u>	<u>1976-77 Academic Rate</u>	<u>1977 Summer Amount</u>
<u>0030 Assistant Professor (continued)</u>							
26.		Pamela J. Eckard	6-01 8-31	75	3	\$12,800	\$ 3,200
27.		Peggy J. Gray	6-01 8-31	75	3	12,900	3,225
28.		Walter B. Biddle	6-01 8-31	100	3	12,500	4,167
29.		Eileen T. Lundy	6-01 8-31	75	3	14,900	3,725
30.		Martin Gill	6-01 7-15	100	1.5	13,000	2,167
31.		Rudy A. Davalos	6-01 8-31	33	3	15,750	1,750
32.		_____	6-01 8-31	100	3	15,060	5,020
33.		_____	6-01 8-31	100	3	15,060	5,020
34.		_____	6-01 8-31	100	3	15,060	5,020
35.		_____	6-01 7-15	100	1.5	15,060	2,510
<u>0032 Visiting Assistant Professor</u>							
36.		Jesse T. Zapata	6-01 8-31	75	3	12,500	3,125
37.		Thomas E. Allen	6-01 7-31	75	2	12,500	2,083
38.		Gillian E. Cook	6-01 8-31	75	3	12,500	3,125
39.		Katherine M. Strickland	6-01 7-15	100	1.5	12,500	2,083
40.		Steven W. Edwards	6-01 8-31	75	3	12,500	3,125
41.		Mary L. Serafine	6-01 8-31	75	3	12,500	3,125
42.		Allen E. Farstrup	6-01 8-31	75	3	12,500	3,125
<u>0059 Teaching Associate</u>							
43.		Harry R. Larrabee	6-01 8-31	100	3	10,500	3,500
44.		Lerlene K. Caldwell	6-01 7-15	100	1.5	11,000	1,833
TOTAL - Faculty Salaries							164,568*

1977 SUMMER SESSION BUDGET

ion of Bicultural-Bilingual Studies Department
A. Pena Division Director

<u>emental</u> <u>ata</u>	<u>It.</u> <u>No.</u>	<u>Title - Name</u>	<u>Appt.</u> <u>Period</u>	<u>%</u> <u>Time</u>	<u>Mo.</u>	<u>1976-77</u> <u>Academic</u> <u>Rate</u>	<u>1977</u> <u>Summer</u> <u>Amount</u>	
		<u>0017 Professor and Director</u>						
	1.	Albar A. Pena	T 6-01 8-31	100	3	\$24,241	\$ 8,080	
		<u>0010 Professor</u>						
	2.	Joseph Michel	6-01 8-31	33	3	29,550	3,283	
		<u>0020 Associate Professor</u>						
	3.	Curtis W. Hayes	T 6-01 7-15	100	1.5	19,207	3,201	
	4.	Ernest M. Bernal, Jr.	T 6-01 8-31	75	3	19,885	4,971	
1,514	5.	R. Joe Campbell	6-01 8-31	25		18,158	1,514	
3,026		Foreign Languages	6-01 8-31	50				
<u>4,540</u>		Total Salary		75	3			
		<u>0040 Instructor</u>						
	6.	Jose E. Limon	6-01 7-15	50	1.5	12,800	1,067	
		<u>0050 Lecturer</u>						
	7.	Emilio Zamora, Jr.	6-01 8-31	71	3	8,400	2,000	
		<u>0059 Teaching Associate</u>						
	8.	_____	6-01 8-31	75	3	14,400	3,600	
		TOTAL - Faculty Salaries						27,716*

1977 SUMMER SESSION BUDGET

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Department of Environmental Studies Department
Richard S. Howe Division Director

mental sta	It. No.	Title - Name	Appt. Period	% Time	Mo.	1976-77 Academic Rate	1977 Summer Amount	
		<u>0017 Professor and Director</u>						
	1.	Richard S. Howe	T 6-01 8-31	100	3	\$24,750	\$ 8,250	
		<u>0010 Professor</u>						
	2.	Chia S. Shih	T 6-01 7-31	75	2	21,969	3,662	
	3.	J. H. U. Brown	6-01 8-31		3	W/O/S	W/O/S	
		<u>0015 Adjunct Professor</u>						
	4.	John E. Galley	6-01 8-31		3	W/O/S	W/O/S	
		<u>0020 Associate Professor</u>						
723	5.	Leland J. Hepworth	T 6-01 8-31	25		20,670	1,723	
,444		DHEW Grant	6-01 8-31	50				
,723		Allied Health & Life Sciences	6-01 8-31	25				
,890		Total Salary		100	3			
,792	6.	John W. Adams	6-01 8-31	50		16,753	2,792	
,792		DHEW Grant	6-01 8-31	50				
,584		Total Salary		100	3			
W/O/S	7.	Richard V. McGehee	7-16 8-31			20,000	W/O/S	
,667		DHEW Grant	7-16 8-31	50				
,667		Social Sciences	6-01 7-15	50				
,667		Earth & Physical Sciences	6-01 7-15	50				
,001		Total Salary			3			
		<u>0030 Assistant Professor</u>						
,163	8.	Richard R. Tangum	6-01 8-31	50		18,977	3,163	
,163		DHEW Grant	6-01 8-31	50				
,326		Total Salary		100	3			
468	9.	Henry G. Cisneros	6-01 8-31	50		14,810	2,468	
468		DHEW Grant	6-01 8-31	50				
,936		Total Salary		100	3			
150	10.	Daniel O. Hogenauer	6-01 8-31	75		16,600	4,150	
,383		DHEW Grant	6-01 8-31	25				
,533		Total Salary		100	3			
		<u>0050 Lecturer</u>						
	11.	Jose N. Uranga, Jr.	6-01 7-31	56	2	12,800	1,600	
	12.	Robert O. Clark	6-01 8-31	75	3	13,600	3,400	
	13.	Robert R. Ashcroft	6-01 8-31	100	3	12,000	4,000	
	14.	James M. Scoggins	6-01 7-31	56	2	12,800	1,600	
	15.	C. Thomas Koch	6-01 7-31	56	2	12,800	1,600	
		TOTAL - Faculty Salaries					38,408*	

1977 SUMMER SESSION BUDGET

8070

Division of Special Programs Department

Sutherland Division Director (Acting)

<u>Elemental</u>	<u>It.</u>	<u>Title - Name</u>	<u>Appt.</u>	<u>%</u>	<u>1976-77</u>	<u>1977</u>
<u>Rate</u>	<u>No.</u>		<u>Period</u>	<u>Time</u>	<u>Academic</u>	<u>Summer</u>
				<u>Mo.</u>	<u>Rate</u>	<u>Amount</u>
		<u>0020 Associate Professor</u>				
	1.	Ronald H. Rogers	T 6-01 8-31	100	3	\$21,000 \$ 7,000
		<u>0040 Instructor</u>				
	2.	Norman Cox, Jr.	6-01 8-31	100	3	13,500 4,500
		<u>0050 Lecturer</u>				
310	3.	Margaret A. Joseph	6-01 8-31	33		11,790 1,310
620		Library	6-01 8-31	67		
930		Total Salary		100	3	
948	4.	Jeffrey D. Moss	6-01 8-31	33		8,532 948
896		Library	6-01 8-31	67		
844		Total Salary		100	3	
625	5.	Joan C. Schmelzle	6-01 8-31	50		9,750 1,625
625		Library	6-01 8-31	50		
250		Total Salary		100	3	
250	6.	Gail Schultis	6-01 8-31	50		7,500 1,250
250		Library	6-01 8-31	50		
500		Total Salary		100	3	
	7.	Ann Thompson	6-01 8-31	50	3	8,625 1,438
	8.	Donald A. Clowe	6-01 7-31	56	2	14,400 1,800
		<u>0059 Teaching Associate</u>				
	9.	John R. Arredondo	6-01 7-31	56	2	10,400 1,300
	10.	Carle E. Evans	6-01 7-31	56	2	10,400 1,300
		TOTAL - Faculty Salaries				22,471*

1977 SUMMER SESSION BUDGET

8371

Division of Allied Health and Life Sciences Department

Wayne E. Magee Division Director

<u>Elemental</u> <u>Rate</u>	<u>It.</u> <u>No.</u>	<u>Title - Name</u>	<u>Appt.</u> <u>Period</u>	<u>%</u> <u>Time</u>	<u>Mo.</u>	<u>1976-77</u> <u>Academic</u> <u>Rate</u>	<u>1977</u> <u>Summer</u> <u>Amount</u>	
		<u>0017 Professor and Director</u>						
	1.	Wayne E. Magee	T 6-01 8-31	100	3	\$25,100	\$ 8,367	
		<u>0010 Professor</u>						
	2.	Bernard P. Sagik	T 6-01 8-31	33	3	30,150	3,350	
		<u>0020 Associate Professor</u>						
,625	3.	Oscar W. Van Auken	6-01 8-31	25		19,500	1,625	
,875		BLM Grant	6-01 8-31	75				
<u>,500</u>		Total Salary		100	3			
,723	4.	Leland J. Hepworth	6-01 8-31	25		20,670	1,723	
,444		DHEW Grant	6-01 8-31	50				
		Division of Environmental Studies	6-01 8-31	25				
<u>,723</u>		Total Salary		100	3			
<u>,890</u>								
		<u>0030 Assistant Professor</u>						
	5.	James T. Rutledge	6-01 7-15	50	1.5	14,500	1,208	
,408	6.	Martin A. Kramen	6-01 7-31	75		14,450	2,408	
,606		NSF Grant	8-01 8-31	100				
<u>,014</u>		Total Salary			3			
	7.	J. Helen Cronenberger	6-01 7-15	50	1.5	14,450	1,204	
	8.	_____	6-01 8-31	100	3	14,400	4,800	
		<u>0050 Lecturer</u>						
	9.	Robert Walsh	6-01 7-31	38	2	14,000	1,167	
	10.	John Kmetz	6-01 7-31	38	2	14,400	1,200	
		TOTAL - Faculty Salaries						27,052*

1977 SUMMER SESSION BUDGET

Department of Earth and Physical Sciences Department
Thyagarajan Division Director

<u>Elemental</u> <u>Rate</u>	<u>It.</u> <u>No.</u>	<u>Title - Name</u>	<u>Appt.</u> <u>Period</u>	<u>%</u> <u>Time</u>	<u>Mo.</u>	<u>1976-77</u> <u>Academic</u> <u>Rate</u>	<u>1977</u> <u>Summer</u> <u>Amount</u>
		<u>0017 Professor and Director</u>					
	1.	B. S. Thyagarajan	T 6-01 8-31	100	3	\$24,165	\$ 8,055
		<u>0010 Professor</u>					
	2.	Charles Howard	T 6-01 7-31	75	2	19,447	3,241
		<u>0020 Associate Professor</u>					
1,667	3.	Richard S. McGehee	T 6-01 7-15	50		20,000	1,667
1,667		Social Sciences	6-01 7-15	50			
1,667		DHEW Grant	7-16 8-31	50			
<u>W/O/S</u>		Environmental Studies	7-16 8-31				
<u>5,001</u>		Total Salary			3		
	4.	Miroslav Synek	6-01 7-15	100	1.5	15,450	2,575
		<u>0030 Assistant Professor</u>					
<u>W/O/S</u>	5.	Marvin L. Chatkoff	6-01 8-31			21,000	W/O/S
<u>7,000</u>		I.A.C. (UTHSCSA)	6-01 8-31	100			
<u>7,000</u>		Total Salary		100	3		
	6.	Herbert B. Silber	6-01 7-15	100	1.5	14,900	2,483
	7.	Petr Hochman	6-01 8-31	75	3	15,300	3,825
	8.	Robert F. Williams	6-01 7-31	13	2	14,100	392
	9.	Hee K. Yoo	6-01 7-31	38	2	15,000	1,250
	10.	_____	6-01 8-31	100	3	14,400	4,800
		<u>0050 Lecturer</u>					
	11.	Jerome H. Zoeller, Jr.	6-01 7-31	75	2	13,500	2,250
		<u>0059 Teaching Associate</u>					
	12.	Pamela D. Green	6-01 7-31	38	2	10,000	833
		TOTAL - Faculty Salaries					31,371*

1977 SUMMER SESSION BUDGET

3273

Division of Mathematics, Computer Sciences
and Systems Design

Department

Stanley G. Wayment

Division Director

<u>Item</u>	<u>No.</u>	<u>Title - Name</u>	<u>Appt.</u>	<u>%</u>	<u>Mo.</u>	<u>1976-77</u>	<u>1977</u>
			<u>Period</u>	<u>Time</u>		<u>Academic</u>	<u>Summer</u>
						<u>Rate</u>	<u>Amount</u>
		<u>0017 Professor and Director</u>					
	1.	Stanley G. Wayment	T 6-01 8-31	100	3	\$23,500	\$ 7,833
		<u>0010 Professor</u>					
	2.	Manuel P. Berriozabal	T 6-01 7-31	75	2	21,000	3,500
	3.	Joseph E. Valentine	T 6-01 8-31	100	3	22,000	7,333
		<u>0020 Associate Professor</u>					
	4.	William B. Gearhart	T 6-01 7-31	75	2	19,500	3,250
	5.	Lucio Tavernini	T 6-01 8-31	100	3	19,700	6,567
		<u>0030 Assistant Professor</u>					
	6.	David G. Tabor	6-01 8-31	75	3	16,500	4,125
	7.	Ram C. Tripathi	6-01 7-31	38	2	14,300	1,192
	8.	Robert G. Ducharme	6-01 8-31	100	3	14,200	4,733
	9.	Wu-Hsiung Lu	6-01 8-31	75	3	15,500	3,875
	10.	James D. Thomas	6-01 8-31	100	3	16,000	5,333
	11.	Hugh B. Maynard	6-01 8-31	100	3	15,000	5,000
	12.	_____	6-01 8-31	75	3	14,400	3,600
	13.	_____	6-01 8-31	75	3	14,400	3,600
		TOTAL - Faculty Salaries					59,941*

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS
5323 Harry Hines Boulevard, Dallas, Texas 75235

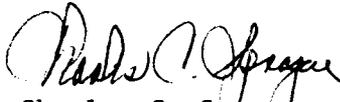
Deputy Chancellor E. D. Walker
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Mr. Walker:

The docket for the April 15, 1977 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



Charles C. Sprague, M.D.
President

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

BOARD OF REGENTS MEETING - APRIL 15, 1977

11

TRAVEL

DALLAS MEDICAL SCHOOL

1. William B. Campbell, Ph.D., Assistant Professor of Pharmacology, to travel to Denmark to learn laboratory techniques at the University of Copenhagen, Institute for Experimental Medicine, for the period of May 29, 1977 through July 13, 1977, with 10 vacation days; no expenses are requested.
2. John S. Chapman, M.D., Professor of Internal Medicine, to travel to Egypt to serve as visiting professor at the University of Cairo for the period of January 17, 1977 through February 15, 1977, with 5 vacation days; no expenses are requested. This is an amended Employee Travel Request which changed the dates. Time in Egypt was reduced on account of illness. It was previously docketed on February 11, 1977, HD-2, Item No. 1.
3. Richard A. Finkelstein, Ph.D., Professor of Microbiology, to travel to Japan to be Visiting Scientist under the auspices of the Japan Society for the Promotion of Science, to Southeast Asia and Europe for additional visits to research laboratories, and to Germany to receive the Robert Koch Prize for the period of August 16, 1976 through December 18, 1976; expenses to be paid from the Purified Cholera Toxin account.
4. L. Ruth Guy, Ph.D., Associate Professor of Pathology, to travel to England, Switzerland, Holland, Sweden, France, and Scotland to study laboratory techniques and methods of training technical personnel for the period of March 19, 1977 through August 12, 1977, with 13 vacation days; no expenses are requested.

GIFTS

DALLAS MEDICAL SCHOOL

Handwritten initials and marks.

Donor

Amount

Florence Latz Charitable Trust
Proskauer Rose Goetz & Mendelsohn
300 Park Avenue
New York, New York 10022

1. Purpose and Condition. Funds for the research program in diabetes under the direction of Dr. Roger H. Unger. \$10,000.00

Estate of H. S. Moss
First National Bank in Dallas
P. O. Box 6031
Dallas, Texas 75283

2. Purpose and Condition. Funds for the support of the Harry S. Moss Heart Center. \$80,000.00

Handwritten initials and marks.

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL)

DALLAS HEALTH SCIENCE CENTER

1. Memorandum of Understanding between the Interuniversity Council of the North Texas Area and The University of Texas Health Science Center at Dallas regarding the terms and conditions on which IUC will provide Library information Network products and services. This agreement supercedes a previous agreement entered into November 28, 1973.

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continuedDALLAS MEDICAL SCHOOL

American Association for Laboratory Animal Science
2317 West Jefferson Street, Suite 208
Joliet, Illinois 60435

1. Grant

"A Search for New Haplotypes of the Major Histocompatibility Complex in Syrian Hamsters." Support for field trip to the Middle East for the purpose of catching wild Syrian hamsters. These animals will be tested for their ability to express and to recognize SD type determinants among our hamsters.

William R. Duncan, Ph.D., Department of Cell Biology (Sponsored by J. W. Streilein, Ph.D.)
\$2,500.00

American Diabetes Association
North Texas Affiliate, Inc.
5415 Maple, Suite 210
Dallas, Texas 75235

*2. Research Grant

"Reversal of Experimental Diabetes in Rats by Allogeneic Pancreatic Islet Transplants in Non-Related Donors." Research to find a procedure that could completely restore normal sugar metabolism in insulin-requiring diabetics.

Holbrooke Seltzer, M.D., Department of Internal Medicine
\$8,588.00

The Arthritis Foundation
475 Riverside Drive
New York, New York 10027

3. Research Fellowship Project

"Studies in Felty's Syndrome, Rheumatoid Arthritis, Systemic Lupus Erythematosus, and NZB Mice." A fellowship award in the amount of \$15,000 and an institutional grant in the amount of \$1,000 for Dr. Eric R. Hurd.

Eric R. Hurd, M.D., Department of Internal Medicine
July 1, 1976 through June 30, 1977
\$16,000.00

The Arthritis Foundation
North Texas Chapter
5415 Maple, Suite 416
Dallas, Texas 75235

**4. Grant

"Rheumatic Disease Unit." Renewed award for the year of 1977.

Morris Ziff, M.D., Department of Internal Medicine
\$35,600.00

Beecham Laboratories
501 Fifth Street
Bristol, Tennessee 37620

5. Research Grant

"Pharmacology and Efficacy of Ticarcillin in Infants." Additional income.

John D. Nelson, M.D., Department of Pediatrics
\$6,000.00

* No Award Letter Received

** No Application Received

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continuedDALLAS MEDICAL SCHOOL - continued

Boehringer Ingelheim Ltd.
33 W. Tarrytown Road
Elmsford, New York 10523

- *6. Research Grant
"Further Development of the Intramural Alpha Receptor by which Clonidine Inhibits Renin of Pharmacology." Additional income.
W. A. Pettinger, M.D., Department of Clinical Pharmacology
\$14,300.00

Burroughs Wellcome Company
3030 Cornwallis Road
Research Triangle Park, North Carolina 27709

- **7. Research Grant
"Effect of Allopurinol Therapy on the Crystallization of Calcium Oxalate in Urine." Research to determine the mechanism by which allopurinol therapy increases formation product ratio of calcium oxalate.
Charles Y.C. Pak, M.D., Department of Internal Medicine
\$20,000.00

Ciba-Geigy Corporation
Summit, New Jersey 07901

- **8. Research Grant
"Efficacy of Tolerability - Ludiomil Study." Additional income.
Waunell M. Hughes, M.D., Department of Psychiatry
\$3,750.00

Ciba Pharmaceutical Company
Division of Ciba-Geigy Corporation
Summit, New Jersey 07901

9. Research Grant
"Potassium Loss from Diuretics: A Comparison between Furosemide, Hydrochlorothiazide and Chlorthalidone." A drug study.
Norman M. Kaplan, M.D., Department of Internal Medicine
\$34,320.00

Cystic Fibrosis Foundation
3379 Peachtree Road, N.E.
Atlanta, Georgia 30326

10. Grant
"Cystic Fibrosis Care, Teaching and Research Center." A renewed grant.
Robert I. Kramer, M.D., Department of Pediatrics
March 1, 1977 through February 28, 1978
\$27,865.00

* Original Award Letter Not Received

** No Award Letter Received

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continuedDALLAS MEDICAL SCHOOL - continued

Hyland
 P. O. Box 2214
 Costa Mesa, California 92626

11. Grant-in-Aid
"Evaluation of the Hyland Herpes Simplex-Immunoperoxidase Test."
 Research to evaluate the diagnostic performance characteristics of the
 Hyland Herpes Simplex Virus Test.
 James P. Luby, M.D., Department of Internal Medicine
 \$13,200.00

Leland Fikes Foundation, Inc.
 3200 Republic National Bank Tower
 Dallas, Texas 75201

12. Research Grant
"Neurological Research of Diseases of the Nervous System." Additional
 income.
 Roger Rosenberg, M.D., Department of Neurology
 \$15,000.00
13. Grant
"Development of a Novel Approach to Population Control." Research on
 birth control. (This grant is also supported by Item 28, HD-7.)
 Paul C. MacDonald, M.D., Department of Obstetrics and Gynecology
 \$297,105.50

Lilly Research Laboratories
 Division of Eli Lilly and Company
 Indianapolis, Indiana 46206

- *14. Research Grant
"Continuation of Studies of Ilosone, Erythrocin, and V-Cillin K in
 the Treatment of Pneumonia in Children." Additional income.
 Charles Ginsburg, M.D., Department of Pediatrics
 \$10,593.00
15. Research Grant
"A Clinical Study of Cephalothin in the Management of Established
 Necrotizing Soft Tissue Infections and Peritonitis due to Suspected
 Anaerobic Organisms." A drug study.
 Ronald C. Jones, M.D., Department of Surgery
 \$30,226.00
16. Research Grant No. 7010D
"In Vitro Study of Cefaclor." A drug study.
 Paul M. Southern, Jr., M.D., Department of Pathology
 \$5,039.00
17. Grant No. 6958D
"The Effect of Lergotrile Mesylate in Parkinson's Disease." Research
 on the relationship between the 24-hour mean prolactin level and the
 ability to predict the response to dopamine agonists in patients with
 Parkinson's disease.
 Robert M. Boyar, M.D., Department of Internal Medicine
 \$7,500.00

* No Award Letter Received

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL - continued

Mallinckrodt, Inc.
Mallinckrodt and Second Street
St. Louis, Missouri 63147

- *18. Research Grant
"Clinical Evaluation of 99m-Tc Stannous Pyrophosphate as a Myocardial Imaging Agent." Additional income.
Robert Parkey, M.D., Department of Radiology
\$3,000.00

Mead Johnson Research Center
Evansville, Indiana 47721

- *19. Research Grant
"Clinical Pharmacology of Orally Administered Cephadroxil in Infants and Children." A drug study.
Charles M. Ginsburg, M.D., Department of Pediatrics
\$18,130.00

Merck Sharp & Dohme
West Point, Pennsylvania 19486

20. Research Grant
"Administration of L-633, 224, a New Antihypertensive Agent in Phase I Study." A drug Study.
William Pettinger, M.D., Department of Pharmacology
\$25,000.00

Muscular Dystrophy Association, Inc.
810 Seventh Avenue
New York, New York 10019

21. Research Grant
"The Correlation of High Dose Alternate Day Steroid Effect on the Immunologic System and the Therapeutic Response of Patients with Neuromuscular Disease." A drug study.
Jay David Cook, M.D., Department of Neurology
January 1, 1977 through December 31, 1977
\$24,349.00

22. Research Grant
"The Biochemical Genetics of Inherited Disorders of Muscle." Renewed support.
Howard Feit, M.D., Ph.D., Department of Neurology
January 1, 1977 through December 31, 1977
\$22,000.00

Pharmaceutical Manufacturers Association Foundation, Inc.
1155 Fifteenth Street, N.W.
Washington, D.C. 20005

23. Research Grant
"Effects of Angiotensin and its Metabolites on Renal Hemodynamics and Function." A second year award.
William Campbell, Ph.D., Department of Pharmacology
\$5,000.00

* No Award Letter Received

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL - continued

A. H. Robins Company
1407 Cummings Drive
Richmond, Virginia 23220

24. Research Grant
"Robitussin Protocol No. 0910." Additional income.
Alan K. Pierce, M.D., Department of Internal Medicine
\$2,887.50

Searle Laboratories
Box 5110
Chicago, Illinois 60680

25. Grant
"Comparison of Aldactazide and Dyazide in Hypertension." Additional income.
O. Bryan Holland, M.D., Department of Internal Medicine
\$1,250.00

Southwestern Medical Foundation
1601 Republic National Bank Building
Dallas, Texas 75201

26. Research Grant
"Na + - Ca ++ Interactions in Mammalian Myocardium." Research to examine the interrelationships between cardiac transmembrane sodium fluxes and myocardial calcium movements.
John L. Sutko, Ph.D., Department of Internal Medicine
\$9,000.00

27. Research Grant
"Reversal of Experimental Diabetes in Rats by Transplantation of Normal Islets from Non-Related Donors." Research to establish the feasibility of completely and permanently reversing experimental diabetes by transplanting normal pancreatic islets into non-related diabetic recipients.
Holbrooke S. Seltzer, M.D., Department of Internal Medicine
\$5,080.00

28. Grant
"Development of a Novel Approach to Population Control." Research on birth control. (This grant is also supported by Item 13, HD-5.)
Paul C. MacDonald, M.D., Department of Obstetrics and Gynecology
\$297,211.87

USV Pharmaceutical Corporation
1 Scarsdale Road
Tuckahoe, New York 10707

- *29. Research Grant
"Long Term Study of 25mg and 50mg Chlorthalidone in the Treatment of Hypertension in Mild Hypertensives." Additional income.
Bryan Holland, M.D., Department of Internal Medicine
\$12,499.34

* No Award Letter Received

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL - continued

The Upjohn Company
Kalamazoo, Michigan 49001

- *30. Research Grant
"Influence of Solu-Medrol on Infarct Size in Patients." Additional income.
 James T. Willerson, M.D., Department of Internal Medicine
 \$4,500.00

- 31. Research Grant
"Early and Late Effects of Sulfonylureas on Insulin Release." Additional income.
 Holbrooke S. Seltzer, M.D., Department of Internal Medicine
 \$10,000.00

The Robert A. Welch Foundation
2010 Bank of the Southwest Building
Houston, Texas 77002

- 32. Grant No. I-080
"The Mechanism of Triglyceride and Phospholipid Biosynthesis in Various Tissues." A renewal grant.
 John M. Johnston, Ph.D., Department of Biochemistry
 June 1, 1977 through May 31, 1980
 \$60,000.00

University of Arizona
Health Science Center
Tuscon, Arizona 85724

- 33. Subcontract under Prime Contract NIH-N01-AM-62219
"Human Diabetes Program." Contract whereby The University of Arizona Health Science Center agrees to collaborate with The University of Texas Health Science Center at Dallas on this research project. Remuneration to UAHSC shall not exceed \$455,790.
 Roger Unger, M.D., Department of Internal Medicine
 November 1, 1976 through September 28, 1978

Case Western Reserve University
2040 Adelbert Road
Cleveland, Ohio 44106

- 34. Subcontract under Grant No. HL-14187-06
"Synthesis of Vasoactive Peptides." Contract whereby Case Western Reserve University will collaborate with The University of Texas Health Science Center at Dallas, Southwestern Medical School, Department of Internal Medicine on this grant. Remuneration to Case Western Reserve University shall not exceed \$37,244.
 Sami I. Said, M.D., Department of Internal Medicine
 December 1, 1976 through November 30, 1977

400

- 35. Lease Agreement whereby The University of Texas Health Science Center at Dallas, Southwestern Medical School, Department of Surgery, agrees to lease 3,582 square feet of office space at Wadley Tower, Suites 1156 and 1157, from Baylor Medical Plaza for a 24 month term beginning January 1, 1977 at a rental rate of \$2,656.65 per month. This space will be used by faculty in the Division of Plastic Surgery to carry out their teaching program. Payment of the lease will be made from the Department of Surgery's MSRDP fund.

* No Award Letter Received

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continuedDALLAS MEDICAL SCHOOL - continued

36. Contract whereby The University of Texas Health Science Center at Dallas shall provide services in operation and administration of the Department of Radiology for Children's Medical Center of Dallas for the five year period beginning November 1, 1976 through November 1, 1981. This department will be directed by Robert Berk, M.D., Department of Radiology.

37. Contract whereby The University of Texas Health Science Center at Dallas shall provide services in operation and administration of the Department of Pathology for Children's Medical Center of Dallas for the five year period from November 1, 1976 through November 1, 1981. This department will be directed by Vernie Stenbridge, M.D., Department of Pathology.

38. Agreement whereby Southern Methodist University will select and assign students to The University of Texas Health Science Center at Dallas, Southwestern Medical School, University Affiliated Center for a planned, supervised program of clinical experience. This agreement will be effective September 1, 1976 and will terminate with 12-month notice given by either party or when Federal Funds which are supporting the UAC are no longer available.

39. Contract of Services whereby The University of Texas Health Science Center at Dallas, Southwestern Medical School, Department of Physical Medicine and Rehabilitation will provide Dallas County Hospital District with the services of a speech therapist for at least 14 hours per week for the period of November 1, 1976 through August 31, 1977, with remuneration not to exceed \$4,450.

40. Contract of Services whereby The University of Texas Health Science Center at Dallas, Southwestern Medical School, Medical Computing Resources Center will provide Dr. David Mishelevich to serve as the Technical Advisor of Information Services for the Dallas County Hospital District for the period of January 1, 1977 through December 31, 1977, with remuneration not to exceed \$15,750.

41. Contract of Services whereby The University of Texas Health Science Center at Dallas, Southwestern Medical School, Department of Psychiatry agrees to provide Dallas County Hospital District psychiatric emergency room coverage from 5 p.m. to 8 a.m. on Monday through Friday for the period of September 1, 1976 through August 31, 1977, with remuneration not to exceed \$74,208.

GRANTS, CONTRACTS, AND AGREEMENTS (STATE)DALLAS HEALTH SCIENCE CENTER

1. Interagency Cooperation Contract IAC(76-77)-1818 whereby The University of Texas Health Science Center at Dallas agrees to provide books, journals, visual instructional films, and other instructional aids to Texas Tech University School of Medicine for the period of December 15, 1976 through August 31, 1977, with remuneration not to exceed \$750.

2. Interagency Cooperation Contract IAC(76-77)-1901 whereby The University of Texas Health Science Center at Dallas, Library, will provide teaching services, course LIBR 537 Medical Librarianship, for North Texas State University for the period of January 26, 1977 through May 13, 1977, with remuneration not to exceed \$1,500.

next

GRANTS, CONTRACTS, AND AGREEMENTS (STATE) - continuedDALLAS MEDICAL SCHOOL

1. Interagency Cooperation Contract IAC(76-77)-1847 whereby The University of Texas Health Science Center at Dallas, Southwestern Medical School, agrees to provide the services of James Atkins, M.D., or his designated representatives to serve in an advisory capacity to the Texas Department of Health Resources for the period of January 1, 1977 through June 30, 1977, with remuneration not to exceed \$12,000. This contract is a renewal of IAC(76-77)-0713.
2. Family Planning Contract No. PS-051-02-P-00, Amendment No. 4, between The University of Texas Health Science Center at Dallas, Southwestern Medical School, Children and Youth Project and the State Department of Public Welfare to change the name of the Title XIX certifying agency from "Blue Cross/Blue Shield of Texas" to "National Health Insurance Company." The total amount of this contract is not changed.
3. Cost Reimbursable Subcontract under Prime Contract No. N01-CN-45150, Modification No. 5 between The University of Texas System Cancer Center, M. D. Anderson Hospital and Tumor Institute and The University of Texas Health Science Center at Dallas, Southwestern Medical School. This modification extends the period of performance to June 29, 1977 with additional funds in the amount of \$9,198. This action increases total funding available during the period of June 28, 1974 through June 29, 1977, to a level of \$57,623. This sub-contract is directed by Dr. James Dowdy, Associate Professor of Radiology.
4. Agreement whereby Texas Woman's University will select and assign students to The University of Texas Health Science Center at Dallas, Southwestern Medical School, University Affiliated Center for a planned supervised program of clinical experience. This agreement will be effective July, 1976 and will terminate with 12-month notice given by either party or when Federal Funds which are supporting the UAC are no longer available.
5. Interagency Cooperation Contract IAC(76-77)-1917 whereby The University of Texas Health Science Center at Dallas, Southwestern Medical School, Medical Computing Resources Center will provide computer services to The University of Texas Health Science Center at San Antonio for the period of February 4, 1977 through August 31, 1977, with remuneration not to exceed \$15,000.
6. Family Planning Contract P.S. No. 051-01-P-00, Amendment No. 3, between The University of Texas Health Science Center at Dallas, Southwestern Medical School, and the State Department of Public Welfare whereby the contract number is changed from P.S. No. 099 to P.S. No. 051-01-P-00 and the contract is renewed for the period of September 1, 1976 through August 31, 1977. All other terms and provisions of the contract remain the same.

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

FEDERAL CONTRACTS AND GRANTS

BOARD OF REGENTS MEETING - APRIL 15, 1977

OK

DALLAS HEALTH SCIENCE CENTER

Department of Health, Education and Welfare
Public Health Service

- 1. Contract N01-LM-5-4736, Modification No. 2
"Part I, Medical Illustration 1,336 Hours." Modification whereby the period of performance is extended to June 30, 1977 with additional funds in the amount of \$16,196 for an additional level of effort of 536 hours in task assignments.
 Mr. William M. Winn, Medical Illustration Services
 \$35,396.00 (an addition of \$16,196 to the previous amount of \$19,200)
 Dallas County

- 2. Contract No. N01-LM-5-4705, Modification No. 5
"TALON Regional Medical Library Program." Modification to increase the contract amount by \$237,882 and extend the period of performance to January 31, 1978.
 Donald D. Hendricks, Ph.D., Library
 February 1, 1975 through January 31, 1978
 \$753,956.00 (an addition of \$237,882 to the present amount of \$516,074)
 Dallas County

DALLAS MEDICAL SCHOOL

Department of Health, Education and Welfare
Public Health Service

- 1. Institutional National Research Service Award 5 T32 AM07100-03
"Graduate Training in Gastroenterology and Liver Disease." Continued support.
 Burton Combes, M.D., Department of Internal Medicine
 January 1, 1977 through December 31, 1977
 \$74,192.00
 Dallas County

- 2. Research Grant 2 R01 MH05831-16
"Mechanisms of Storage and Release of Amines." Renewed support.
 Parkhurst A. Shore, Ph.D., Department of Pharmacology
 January 1, 1977 through December 31, 1977
 \$79,562.00
 Dallas County

- 3. Institution Allowance, Fellowship Number 1 F32 HD05303-01
 Allowance awarded to Dr. R. E. Billingham, Department of Cell Biology, as sponsor of a postdoctoral fellow, Dr. Michael J. Parmely.
 January 1, 1977 through December 31, 1977
 \$3,000.00
 Dallas County

- 4. Research Grant 2 R01 AM11313-11
"Structures and Mechanisms of Citrate Enzymes." Renewed support.
 Paul A. Srere, Ph.D., Department of Biochemistry
 January 1, 1977 through December 31, 1977
 \$46,352.00
 Dallas County

FEDERAL CONTRACTS AND GRANTS - continuedDALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare
Public Health Service

5. Research Grant 5 R01 AM14157-08
"Biosynthesis and Regulation of Pyridoxal 5' -Phosphate." A continuation grant.
Walter B. Dempsey, Ph.D., Department of Biochemistry
January 1, 1977 through December 31, 1977
\$24,942.00
Dallas County
6. Research Grant 5 P50 HL17669-03
"Ischemic Heart Disease Center (SCOR)." A continuation grant.
James T. Willerson, M.D., Department of Internal Medicine
January 1, 1977 through December 31, 1977
\$440,923.00
Dallas County
7. Development Award - Research Career Program 1 K04 AM00278-01
"Immunologic Investigation of Le Skin Disease." Research on immunologic mechanisms involved in the genesis of skin lesions.
James N. Gilliam, M.D., Department of Internal Medicine
January 1, 1977 through December 31, 1977
\$25,000.00
Dallas County
8. Training Grant 5 T01 CA05200-11
"Metabolism Training Grant." A continuation grant.
Daniel W. Foster, M.D., Department of Internal Medicine
July 1, 1977 through June 30, 1978
\$9,407.00
Dallas County
9. Research Grant 5 R01 AM08749-13
"Cholesterol Metabolism in the Intact Animal." A revised award.
Jean D. Wilson, M.D., Department of Internal Medicine
September 1, 1976 through August 31, 1977
\$24,118.00 (an addition of \$189 to the original award of \$23,929)
Dallas County
10. Research Grant 5 R01 HL15522-05
"Influence of Mannitol on Cardiac Muscle." A continuation grant.
James T. Willerson, M.D., Department of Internal Medicine
January 1, 1977 through December 31, 1977
\$22,276.00
Dallas County
11. Research Grant 2 R01 HL14706-06
"Fetal Hearts in Organ Culture." Renewed support.
C. Kern Wildenthal, M.D., Ph.D., Department of Physiology
January 1, 1977 through December 31, 1977
\$51,643.00
Dallas County

FEDERAL CONTRACTS AND GRANTS - continuedDALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare
Public Health Service

12. Research Grant 1 P01 AG00306-01
"Hormone Dynamics & Target Organs in Aging Men & Women." Research to determine the nature of the altered sex hormone production that occurs during the last third of human life.
John C. Porter, Ph.D., Department of Obstetrics and Gynecology
February 1, 1977 through January 31, 1978
\$266,477.00
Dallas County
13. Research Grant 3 R01 HD05151-06S1
"Neural Control of Gonadotropin and Prolactin Secretion." Supplemental award.
Samuel M. McCann, M.D., Department of Physiology
January 1, 1977 through January 31, 1977
\$7,119.00
Dallas County
14. Institutional National Research Service Award 5 T32 CA09082-03
"Cancer Immunology Training Program." A continuation grant.
J. Wayne Streilein, M.D., Department of Cell Biology
July 1, 1977 through June 30, 1978
\$152,715.00
Dallas County
15. Research Grant 5 R01 AM18179-03
"Hyperlipemia and Diabetes: Glucose Lipid Interactions." A continuation grant.
Philip Raskin, M.D., Department of Internal Medicine
January 1, 1977 through December 31, 1977
\$31,492.00
Dallas County
16. Institution Allowance, Fellowship Number 5 F32 AI05058-02
Allowance awarded to Dr. Donald J. Capra, Department of Microbiology, as sponsor of a postdoctoral fellow, Dr. Charles E. Wilde, III.
November 14, 1976 through November 13, 1977
\$3,000.00
Dallas County
17. Career Award - Research Career Program 4 K06 AM14155-16
"Clinical and Basic Immunology." Continued support.
Morris Ziff, Ph.D., Department of Internal Medicine
January 1, 1977 through December 31, 1977
\$27,967.00
Dallas County
18. Health Professions Student Loan, I.D., No. 06L480044-77 BHL10 (Former No. 1 7 53 9014 03 1)
Mr. Frank Cullum, Director of Student Financial Aid
July 1, 1976 through June 30, 1977
\$25,519.00
Dallas County

FEDERAL CONTRACTS AND GRANTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare
Public Health Service

19. Research Grant 5 R01 GM21650-03
"Kinetics and Chemistry of Allosteric Interactions." A continuation grant.
Thomas E. Smith, Ph.D., Department of Biochemistry
February 1, 1977 through January 31, 1978
\$21,561.00
Dallas County
- *20. Fellowship Allowance Order No. CDC 76-12 SAPH 75-945
Fellowship for William B. Baine, M.D., Fellow in Infectious Diseases, sponsored by James Luby, M.D., Department of Internal Medicine.
July 1, 1976 through June 30, 1977
\$3,000.00
Dallas County
21. Research Grant 2 R01 AI11879-04
"Polymorphism of the Major Histocompatibility Complex." Renewed support.
Jan Klein, Ph.D., Department of Microbiology
February 1, 1977 through January 31, 1978
\$66,769.00
Dallas County
22. Research Grant 5 R01 CA16379-04
"Experimental Cancer Chemotherapy of Neuroblastoma." A continuation grant.
Roger N. Rosenberg, M.D., Department of Neurology
February 1, 1977 through January 31, 1978
\$35,170.00
Dallas County
23. Research Grant 5 P01 HL11662-10
"Regulation of Fluid, Electrolyte, and Acid-Base Balance." A continuation grant.
Juha P. Kokko, M.D., Department of Internal Medicine
February 1, 1977 through January 31, 1978
\$308,265.00
Dallas County
24. Research Grant 2 R01 HD08360-04
"Placental Function in Normal and Abnormal Pregnancy." Renewed support.
Norman F. Gant, Jr., M.D., Department of Obstetrics and Gynecology
February 1, 1977 through January 31, 1978
\$71,797.00
Dallas County
25. Training Grant 5 T01 CA05200-11
"Metabolism Training Grant." A revised award.
Daniel W. Foster, M.D., Department of Internal Medicine
July 1, 1977 through June 30, 1978
\$45,836.00 (an addition of \$36,429 to the original award of \$9,407)
Dallas County

* Original Award Letter Not Received

FEDERAL CONTRACTS AND GRANTS - continuedDALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare
Public Health Service

26. Research Grant 1 P01 HD09988-01A1
"Neural Control of Gonadotropin and Prolactin Secretion." Research on the complex regulation of gonadotropin and prolactin secretion by the adenohypophysis.
Samuel McCann, M.D., Department of Physiology
February 1, 1977 through December 31, 1977
\$149,668.00
Dallas County
27. Research Grant 5 R01 HL17777-03
"Imaging of Acute Myocardial Infarction." A continuation grant.
Robert W. Parkey, M.D., Department of Radiology
February 1, 1977 through January 31, 1978
\$58,146.00
Dallas County
28. Research Grant 5 R01 HL18730-02
"Role of Mineralocorticoids in Low Renin Hypertension." A continuation grant.
Celso E. Gomez-Sanchez, M.D., Department of Internal Medicine
April 1, 1977 through March 31, 1978
\$35,697.00
Dallas County
- *29. Research Grant 5 R01 HL14938-05
"Studies of Contractile Proteins of Heart Muscles." A continuation grant.
E. Glen Richards, Ph.D., Department of Biochemistry
March 1, 1977 through February 28, 1978
\$22,984.00
Dallas County
30. Contract No. N01 AI 42531, Supplemental Agreement No. 3
"Mammalian Pregnancy: Conduct a Study of Immunoregulatory Processes."
Amendment to extend the completion date of the contract from December 24, 1976 to February 28, 1977 without additional funds.
Alan E. Beer, M.D., Department of Cell Biology
June 24, 1974 through February 28, 1977
Dallas County
31. Contract No. NIH N01-AI-22531, Supplemental Agreement No. 7
"Role of Histocompatibility Testing in Kidney Transplantation in the Southwest Region." Amendment to extend the period of performance to December 28, 1977 with additional funds in the amount of \$32,630.
Peter Stastny, M.D., Department of Internal Medicine
January 1, 1974 through December 28, 1977
\$287,580.00 (an addition of \$32,630 to the present amount of \$254,950)
Dallas County

* Original Award Letter Not Received

FEDERAL CONTRACTS AND GRANTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of the Army

- 32. Contract between The University of Texas Health Science Center at Dallas, Southwestern Medical School, and Brooke Army Medical Center for an Infectious Disease Training Program is terminated as of February 24, 1977. This agreement has been in effect since August 21, 1974. Brooke Army Medical Center is now fully operational and capable of training its own personnel in the field of infectious disease.
Dallas County

Veterans Administration

- 33. Contract No. V549P-901 whereby The University of Texas Health Science Center at Dallas, Southwestern Medical School will provide Anesthesiology Service to Veterans Administration Hospital for the period of January 1, 1977 through December 31, 1977, with remuneration not to exceed \$273,326 to cover the services of one Service Chief of Professorial Level and four Assistant Professor Anesthesiologists. This is a renewal of Contract No. V549P-805.

DALLAS ALLIED HEALTH SCIENCES SCHOOL

047

Department of Health, Education and Welfare
Office of Human Development

- 1. Training Grant 44-P-30408/6-03, Amendment No. 3
"Regional Rehabilitation Continuing Education Program." Amendment which reflects four additional years of recommended support. The current year's support is not affected by this amendment.
Sean Connolly, Ph.D., Department of Rehabilitation Science
No additional funds have been awarded by this action.
Dallas County
- 2. Training Grant No. 45-P-30472/6-01, Amendment No. 2
"Expanding and Improving Vocational Rehabilitation Services to the Severely Disabled." Amendment to extend the period of performance to March 31, 1977 without additional funds.
Sean G. Connolly, Ph.D., Department of Rehabilitation Science
April 1, 1976 through March 31, 1977
No additional funds have been awarded by this action.
Dallas County

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

AMENDMENTS TO THE 1976-77 OPERATING BUDGET

BOARD OF REGENTS MEETING - APRIL 15, 1977

DALLAS HEALTH SCIENCE CENTERPhysical Plant

1. Appoint John Peveto II, (non-tenure), Assistant Director, Physical Plant at an annual compensation rate of \$20,000 payable from Physical Plant budget. (RBC No. 302)

Various

2. Transfer funds as follows:

To:	General Administration, Unallocated Classified Salaries	\$	10,000
	General Administration, Unallocated Maintenance & Operation		10,000
	Dallas Medical School, Unallocated Faculty Salaries		677,562
	Dallas Medical School, Unallocated Classified Salaries		10,000
	Dallas Medical School, Unallocated Maintenance & Operation		64,306
	Special Teaching Equipment		300,000
	Dallas G.S.B.S., Unallocated Faculty Salaries		1,884
	Dallas G.S.B.S., Unallocated Maintenance & Operation		10,400
	D.A.H.S., Unallocated Faculty Salaries		46,963
	D.A.H.S., Unallocated Maintenance & Operation		13,124
	Total		<u>\$1,144,239</u>

From:	General Administration		
	Office of the President, Equipment	\$	2,000
	Office of Medical Information, Equipment		1,000
	Office of Development, Equipment		600
	Office of the Registrar, Equipment		1,000
	Office of Business Affairs, Maintenance & Operation		1,000
	Office of Business Affairs, Equipment		1,000
	Office of Business Manager, Maintenance & Operation		1,000
	Office of Business Manager, Equipment		1,000
	Office of the Budget Officer, Maintenance & Operation		1,000
	Office of the Budget Officer, Travel		500
	Office of Administrative Data Processing, Computer Rental		5,000
	Office of Personnel, Equipment		1,000
	Systems Office, Equipment		500
	General Expenses, Commencement		3,400
	Total-General Administration	\$	<u>20,000</u>

Dallas Medical School

Anesthesiology			
B.I. 8, Associate Professor	\$	34,000	
Internal Medicine			
B.I. 50, Associate Professor		35,000	
Microbiology			
B.I. 8, Assistant Professor		5,000	
B.I. 18, Assistant Professor		20,000	
Obstetrics and Gynecology			
B.I. 11, Associate Professor of Obstetrics and Gynecology in the Cecil H. & Ida Green Center for Reproductive Biology Sciences		35,000	
B.I. 31, Assistant Professor		25,000	
B.I. 32, Assistant Professor		25,000	

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continued

DALLAS HEALTH SCIENCE CENTER - continued

Various - continued

From: Dallas Medical School - continued

Pediatrics	
B.I. 44, Assistant Professor	\$ 25,000
B.I. 45, Assistant Professor	25,000
Psychiatry	
B.I. 12, Associate Professor	35,000
B.I. 13, Associate Professor	35,000
B.I. 14, Associate Professor	35,000
B.I. 16, Associate Professor	32,209
B.I. 30, Assistant Professor	27,399
B.I. 35, Assistant Professor	27,571
B.I. 36, Assistant Professor	35,000
B.I. 37, Assistant Professor, 60%	21,000
B.I. 38, Assistant Professor, 60%	21,000
B.I. 44, Clinical Assistant Professor, 57%	19,950
Radiology	
B.I. 31, Assistant Instructor	7,345
Surgery	
B.I. 9, Professor	11,000
B.I. 20, Associate Professor	35,000
B.I. 21, Associate Professor	35,000
B.I. 22, Associate Professor	35,000
B.I. 36, Assistant Professor	17,000
B.I. 41, Assistant Professor	28,000
Office of the Dean	
Wages	1,088
Anesthesiology	
Equipment	8,400
Biochemistry	
Equipment	16,200
Biophysics	
Equipment	3,300
Cell Biology	
Maintenance & Operation	10,000
Equipment	22,200
Internal Medicine	
Maintenance & Operation	10,000
Equipment	46,000
Medical Computer Science	
Equipment	3,900
Microbiology	
Equipment	15,000
Neurology	
Equipment	13,800
Obstetrics & Gynecology	
Equipment	23,100
Ophthalmology	
Equipment	3,900
Pathology	
Maintenance & Operation	10,000
Equipment	14,000
Pediatrics	
Equipment	21,900
Pharmacology	
Equipment	12,900
Physical Medicine & Rehabilitation	
Equipment	6,300

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedDALLAS HEALTH SCIENCE CENTER - continuedVarious - continued

From: Dallas Medical School - continued

Physiology	
Equipment	\$ 14,100
Psychiatry	
Maintenance & Operation	10,000
Equipment	18,600
Radiology	
Equipment	14,100
Surgery	
Maintenance & Operation	24,306
Equipment	36,300
Medical Art & Visual Education	
Equipment	6,000
Total-Dallas Medical School	<u>\$1,051,868</u>

Dallas G.S.B.S.

Office of the Dean	
Teaching Assistants	\$ 1,884
Maintenance & Operation	10,400
Total-Dallas G.S.B.S.	<u>\$ 12,284</u>

Dallas Allied Health Sciences School

Nutrition & Dietetics	
B.I. 6, Assistant Professor, 70%	\$ 16,000
B.I. 8, Instructor	9,613
B.I. 9, Instructor, 40%	6,800
Administration	
Classified Salaries	14,376
Wages	174
Equipment	3,124
General Expense, Rental of Space	10,000
Total-Dallas Allied Health Sciences School	<u>\$ 60,087</u>

Total Funds Transferred	<u>\$1,144,239</u>
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Changes necessary to properly reflect the current operating budget for fiscal year 1976-77 and to comply with Budget Rules and Procedures 1976-77, paragraph 3d, which states that all unfilled line item faculty salary positions will lapse to the institutional Unallocated Faculty Salaries account as of November 30, 1976. (RBC No. 306)

3. Transfer funds in the amount of \$300,000 from Reserve for Accrued Fringe Benefits Liability to Vacation-Sick Leave. This transfer is necessary to cover estimated fringe benefits liability for fiscal year 1976-77. (RBC No. 307)

DALLAS MEDICAL SCHOOLBiochemistry

1. Appoint Tracy Linn, (non-tenure), Assistant Professor, effective September 1, 1976 at an annual compensation rate of \$21,123 paid direct by Veterans Administration Hospital. (RBC No. 297)

Biophysics

2. Accept the resignation of Andrew P. Lane, (non-tenure), Visiting Associate Professor of Physiology and Biophysics effective January 7, 1977. Dr. Lane is budgeted at an annual compensation rate of \$9,000 payable from NIH 5 R01-CA 18633. (RBC No. 262)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedDALLAS MEDICAL SCHOOL - continuedBiophysics - continued

3. Appoint Esam Moustafa, (non-tenure), Visiting Associate Professor of Biophysics and Physiology for the period of December 13, 1976 thru April 30, 1977 an an annual compensation rate of \$17,500 payable \$10,448 from NIH 5-R01-HL18272 and \$7,052 from NIH 3-R01-HL 16678. (RBC No. 314)

Internal Medicine and Graduate School of Biomedical Sciences

4. Transfer funds in the amount of \$1,666.64 from Unallocated Faculty Salaries to Office of the Dean, G.S.B.S., change status and source of compensation for Kern Wildenthal, (tenure), effective January 1, 1977

From: Acting Dean, Dallas G.S.B.S., Professor of Physiology and Associate Professor of Internal Medicine at an annual compensation rate of \$48,000 payable \$5,000 from Graduate School-Office of the Dean, \$36,355 from Physiology budget, \$1,284 from Internal Medicine budget, \$1,972 from Harry S. Moss Estate and \$3,389 annual augmentation

To: Dean, Dallas G.S.B.S., Professor of Physiology and Associate Professor of Internal Medicine at an annual compensation rate of \$50,500 payable \$7,500 from Graduate School-Office of the Dean, \$36,355 from Physiology budget, \$1,284 from Internal Medicine budget, \$1,972 from Harry S. Moss Estate, and \$3,389 annual augmentation. (RBC No. 312)

Internal Medicine

5. Transfer funds in the amount of \$20,000 from Unallocated Faculty Salaries to Internal Medicine and appoint Norman M. Kaplan, (tenure), Professor of Internal Medicine and Assistant to the Associate Dean for Continuing Education effective January 1, 1977, at an annual compensation rate of \$50,000 payable \$30,000 from Internal Medicine budget, \$15,000 from Continuing Education budget and \$5,000 annual augmentation. (RBC No. 309)

6. Accept the resignation of James Gross, (non-tenure), Assistant Professor effective December 31, 1976. Dr. Gross is budgeted at an annual compensation rate of \$34,000 payable \$18,652 from Internal Medicine budget, \$7,680 from Merck Company Foundation, \$6,668 from NIH 5-P01-HL 11662-08 and \$1,000 annual augmentation. (RBC No. 304)

7. Accept the resignation of Santhiras Balasubramaniam, (non-tenure), Visiting Assistant Professor effective February 3, 1977. Dr. Balasubramaniam is budgeted at an annual compensation rate of \$10,000 payable \$5,000 from Harry S. Moss Estate and \$5,000 paid direct - Medical Research Council of England. (RBC No. 259)

8. Change status and increase annual compensation rate for Jed E. Guilbeau, (non-tenure), effective Jnauary 1, 1977

From: Physician Assistant I at an annual compensation rate of \$12,576 payable from Hoechst Pharmaceutical Co.

To: Assistant Instructor in Health Care Sciences and Internal Medicine at an annual compensation rate of \$14,808 payable \$7,404 from DHEW 296-74-0013 and \$7,404 from USV Pharmaceutical Corp. (RBC No. 303)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedDALLAS MEDICAL SCHOOL - continuedObstetrics and Gynecology

9. Transfer funds in the amount of \$2,000 from Unallocated Faculty Salaries to Obstetrics and Gynecology Teaching Salaries, increase annual compensation and change status for Norman F. Gant, (tenure), effective January 1, 1977

From: Professor and Associate Chairman of Obstetrics and Gynecology for Academic and Clinical Affairs at an annual compensation rate of \$54,000 payable \$40,000 from Obstetrics and Gynecology and \$14,000 annual augmentation

To: Professor and Acting Chairman of Obstetrics and Gynecology at an annual compensation rate of \$58,500 payable \$43,000 from Obstetrics and Gynecology budget and \$15,500 annual augmentation. (RBC No. 294A)

10. Accept the resignation of Charles M. Oliver, (non-tenure), Visiting Assistant Professor, effective December 31, 1976. Dr. Oliver is budgeted at an annual compensation rate of \$23,540 payable \$21,540 from Obstetrics and Gynecology budget and \$2,000 annual augmentation. (RBC No. 300)

Ophthalmology

11. Accept the resignation of Charles J. Hofer, (non-tenure), Instructor, effective January 3, 1977. Dr. Hofer is budgeted at an annual compensation rate of \$32,000 payable \$9,000 from Ophthalmology budget, \$11,000 from Department Trust Fund, \$9,000 from NIH-06-S-000174-10 and \$3,000 annual augmentation. (RBC No. 315)

Pathology

12. Appoint William A. Meissner, (non-tenure), Visiting Professor for the period of January 11, 1977 thru April 29, 1977 at an annual compensation rate of \$48,000 payable from Department Trust Fund. (RBC No. 313)

13. Appoint Louva S. McElroy, (non-tenure), Instructor, effective January 1, 1977 at an annual compensation rate of \$17,500 payable from Parkland Memorial Hospital. (RBC No. 310)

Physical Medicine and Rehabilitation

14. Change status, increase and change source of compensation for Phala A. Helm effective January 1, 1977

From: Acting Chairman and Associate Professor of Physical Medicine and Rehabilitation, Assistant Professor of Physical Therapy, (non-tenure), at an annual compensation rate of \$52,000 payable \$39,998 from Physical Medicine budget and \$12,002 annual augmentation

To: Chairman and Associate Professor of Physical Medicine and Rehabilitation, Assistant Professor of Physical Therapy, (tenure), at an annual compensation rate of \$57,000 payable \$39,998 from Physical Medicine and Rehabilitation budget, \$5,000 from NIH 06-S-000174-10 and \$12,002 annual augmentation. (RBC No. 316)

Psychiatry

15. Appoint Bruce H. Beard, 50%, (non-tenure), Clinical Professor, effective December 1, 1976 at an annual compensation rate of \$37,800 payable from Terrell Interagency contract. (RBC No. 299)

16. Accept the resignation of James L. Knoll, 15%, Clinical Assistant Professor, effective October 31, 1976. Dr. Knoll is budgeted at an annual compensation rate of \$27,000 payable from NIH 2-T02-MH05928-24. (RBC No. 298)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedDALLAS MEDICAL SCHOOL - continuedRadiology

17. Reappoint, change source, and increase annual compensation rate of Padmaker V. Kulkarni, (non-tenure), Assistant Professor as follows:

- From: An annual compensation rate of \$22,500 payable from NIH 1 R01-HL-17777 for the period of September 1, 1976 thru November 30, 1976
- To: An annual compensation rate of \$23,175 payable from Department Trust Fund for the period of December 1, 1976 thru January 31, 1977
- To: An annual compensation rate of \$23,175 payable from NIH 1 R01-HL-17777 for the period of February 1, 1977 thru August 31, 1977. (RBC No. 296)

18. Change status and increase compensation for Donald B. Twieg, (non-tenure), effective January 1, 1977

- From: Programmer Analyst I, 47.5%, at an annual compensation rate of \$12,576 payable from NIH 1R01-HL17777-01
- To: Assistant Professor, 100%, at an annual compensation rate of \$18,000 payable from Department Trust Fund. (RBC No. 317)

Surgery

19. Change status of Melvin R. Platt, (non-tenure), effective December 1, 1976

- From: Assistant Professor & Acting Chairman, Division of Thoracic & Cardiovascular Surgery
- To: Assistant Professor and Chairman, Division of Thoracic & Cardiovascular Surgery.

Dr. Platt is budgeted at an annual compensation rate of \$54,500 payable \$30,250 from Surgery budget, \$5,250 from NIH-06-S-000174-10 and \$19,000 annual augmentation. (RBC No. 305)

20. Accept the resignation of Mark M. Altenau, (non-tenure), Assistant Professor of Otolaryngology effective November 15, 1976. Dr. Altenau is budgeted at an annual compensation rate of \$54,000 payable \$33,230 from Surgery budget, \$513 from NIH 06-S-00174-09 and \$20,257 annual augmentation. (RBC No. 289)

DALLAS GRADUATE SCHOOL OF BIOMEDICAL SCIENCESOffice of the Dean

1. Transfer funds in the amount of \$2,000 from Unallocated Faculty Salaries to Office of the Dean, Dallas G.S.B.S., change status and source of compensation for William B. Neaves, (tenure), effective January 1, 1977

- From: Associate Professor of Cell Biology at an annual compensation rate of \$33,000 payable from Cell Biology budget
- To: Associate Dean, Dallas G.S.B.S., and Associate Professor of Cell Biology at an annual compensation rate of \$36,000 payable \$3,000 from Office of Dean, Dallas G.S.B.S., and \$33,000 from Cell Biology budget. (RBC No. 311)

DALLAS ALLIED HEALTH SCIENCES SCHOOLNutrition and Dietetics

1. Accept the resignation of Sandra T. Faulkner, 50%, (non-tenure), Instructor, effective December 31, 1976. Mrs. Faulkner is budgeted at an annual compensation rate of \$17,200 payable from Nutrition and Dietetics budget. (RBC No. 318)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedDALLAS ALLIED HEALTH SCIENCES SCHOOL - continuedNutrition and Dietetics - continued

2. Transfer funds in the amount of \$262.22 from Unallocated Faculty Salaries to Nutrition and Dietetics and change status of Patricia Kirk, (non-tenure), for the period of December 1, 1976 thru June 30, 1977

From: Leave of Absence without pay

To: Assistant Instructor, 50%, at an annual compensation rate of \$13,830 payable \$12,931 from VA 1C-74V-44-0072-02 and \$899 from Nutrition and Dietetics budget. (RBC No. 291)

Health Care Sciences

3. Transfer funds in the amount of \$700 from Unallocated Faculty Salaries to Health Care Sciences and appoint Walter J. Levy, 10%, (non-tenure), Adjunct Assistant Professor at an annual compensation rate of \$21,000 payable from Health Care Sciences budget for the period of January 1, 1977 thru April 30, 1977. (RBC No. 301)



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THE UNIVERSITY OF TEXAS MEDICAL BRANCH
GALVESTON, TEXAS 77550

March 9, 1977

Mr. E. D. Walker
Deputy Chancellor
The University of Texas System
601 Colorado
Austin, Texas 78701

Dear Mr. Walker:

The docket for the April 15, 1977, meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,


William C. Levin, M.D.
President

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

INSTITUTIONAL DOCKET

BOARD OF REGENTS' MEETING APRIL 15, 1977

F

APPOINTMENTS TO THE MEDICAL STAFF OF THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON. On the recommendation of the Executive Committee of the Medical Staff, approval of the following recommendations is respectfully requested:

1. Appoint Michael G. Ziegler, M.D., Assistant Professor, Department of Internal Medicine, Division of Pharmacology and Toxicology, to Full Time Associate Membership on the Medical Staff with private patient restrictions.
2. Appoint Jerome H. Smith, M.D., Associate Professor, Department of Pathology, to Full Time Associate Membership on the Medical Staff with private patient restrictions.
3. Appoint Ronald W. Deskin, M.D., Clinical Assistant Professor, Department of Otolaryngology, to Part Time Assistant Attending Membership on the Medical Staff with private patient restrictions.
4. Appoint David Lynn Larson, M.D., Assistant Professor, Department of Psychiatry, to Full Time Attending Membership on the Medical Staff with private patient privileges.
5. Appoint Jordon W. Finkelstein, M.D., Associate Professor, Department of Pediatrics, to Full Time Attending Membership on the Medical Staff with private patient privileges.
6. Appoint Peter S. Lazarus, M.D., Instructor, Department of Pediatrics, to Full Time Attending Membership on the Medical Staff with private patient privileges.
7. Appoint William Norman Floyd, Jr., M.D., Instructor, Department of Radiology, to Full Time Assistant Attending Membership on the Medical Staff.
8. Appoint Ben Brouhard, M.D., Assistant Professor, Department of Pediatrics, to Full Time Attending Membership on the Medical Staff with private patient privileges.
9. Appoint Arthur T. Pederson, M.D., Clinical Instructor, Department of Internal Medicine, Allergy Section, to Part Time Courtesy Membership on the Medical Staff with private patient privileges.

GIFTS. In compliance with Section 1, Subsection 1.3, of Chapter I of Part Two of the Rules and Regulations of the Board of Regents for the Government of The University of Texas System, I recommend approval for the acceptance of the following gifts:

B
F

(Single asterisk preceding name of donor indicates no letter of transmittal received from the donor; two asterisks indicate book value of unsold stock.)

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. Mr. and Mrs. James F. Crews P.O. Box 476 Lake Jackson, Texas 77566	Contribution to the "James L. Crews Special Hematology Laboratory Memorial Fund."	\$7,500.00

GIFTS - continued

Donor and Address	Purpose and Conditions	Amount
2. Mr. John S. Dunn, Sr. 3100 Travis Street P.O. Box 2766 Houston, Texas 77001	Contribution representing first installment on a total pledge of \$100,000 for the project, "Restoration of the Ashbel Smith Building (Old Red)."	\$25,000.00
3. Mrs. Katharine Risher Randall c/o Mr. Edward Randall, III 1500 South Tower Pennzoil Place Houston, Texas 77002	Contribution toward the projects, "Restoration of the Ashbel Smith Building (Old Red)," \$20,000; and "The Learning Center," \$5,000.	\$25,000.00
4. *Rockwell Fund, Inc. c/o Texas Limited P.O. Box 52548 Houston, Texas 77052	Contribution to "The James Wade Rockwell Professorship in the Philosophy of Medicine."	\$12,500.00
5. The Sealy & Smith Foundation for the John Sealy Hospital Mr. J. W. McCullough President 200 University Boulevard Suite 1006 Galveston, Texas 77550	Annual contribution to the interest and sinking fund requirements on bonds issued by The University of Texas System for the construction of an addition to the John Sealy Hospital.	\$1,500,000.00
6. The Sealy & Smith Foundation for the John Sealy Hospital Mr. C. R. Byard Executive Director 200 University Boulevard Suite 1006 Galveston, Texas 77550	Contribution for: a) the overall cost increase of three grants previously reported (see Minutes of 7-09-76, p. G-3, Item #2); b) the purchase of equipment for the Department of Radiology; c) the purchase and installation of a Clinical Laboratory Computer System.	\$852,400.00 \$177,400 175,000 500,000
7. Mr. and Mrs. J. T. Suggs P.O. Box 1036 Freeport, Texas 77541	Contribution to the "James L. Crews Special Hematology Laboratory Memorial Fund."	\$5,000.00
8. Mr. Robert Sealy c/o Mr. James G. R. Smith Senior Vice President and Senior Trust Officer First Hutchings-Sealy National Bank Galveston, Texas 77550	Contribution to the "George and Magnolia Sealy Memorial Fund."	** \$139,725.93

GRANTS, CONTRACTS & AGREEMENTS (NON-GOVERNMENTAL):

(Single asterisk preceding name indicates no letter of transmittal received from the donor.)

1. T. J. Brown & C. A. Lupton Foundation, Inc.
209 West Hattie Street
Post Office Box 1378
Fort Worth, Texas 76101

Support for neurochemical research
\$10,000
March 1, 1977 through (Open)
Dr. J. Regino Perez-Polo
2. Hoffmann-LaRoche, Inc.
Nutley, New Jersey 07110

Research Grant - Research on Thymosin
\$138,000
February 1, 1977 through (Open)
Dr. Allan Goldstein
This award is for the continuation of an ongoing project.
3. *Hoffmann-LaRoche, Inc.
Nutley, New Jersey 07110

Research Grant - Double Blind Comparison of Ro-20-5720 with Aspirin in Rheumatoid Arthritis
\$13,920
February 1, 1977 through (Open)
Dr. Jerry C. Daniels
4. *Medical Specialities, Incorporated
Royal and Ross Roads
King of Prussia, Pennsylvania 19406

Support for neurosurgical research
\$1,000
February, 1977 through (Open)
Dr. Howard M. Eisenberg
This is a new grant award.
5. The National Foundation - March of Dimes
1275 Mamaroneck Avenue
White Plains, New York 10605

Grant No. C-129
Support for the continuation of a Medical Service Grant
\$44,000
January 1, 1977 through December 31, 1977
Dr. Gerald F. Powell (Formerly Dr. C. W. Daeschner)
6. Pharmaceutical Manufacturers Association Foundation, inc.
1155 Fifteenth Street, N.W.
Washington, D.C. 20005

Research Grant - An Analysis of the Action of Gymnodinium breve Toxin at the Cell Membrane
\$5,000
January 1, 1977 through December 31, 1977
Dr. Patricia Shinnick-Gallagher
This is support for the continuation of an ongoing project.

GRANTS, CONTRACTS & AGREEMENTS (NON-GOVERNMENTAL) - continued

- 7. Pharmaceutical Manufacturers Association Foundation, inc.
1155 Fifteenth Street, N.W.
Washington, D.C. 20005

Research Grant - Inhibition of Adrenergic Neurotransmission by "Alpha" Adrenergic and Dopaminergic Agonists
\$5,000
January 1, 1977 through December 31, 1977
Dr. Odd S. Steinsland
This is support for the continuation of an ongoing project.

- 8. Retina Research Foundation
Hermann Medical Center Professional Building
6436 Fannin, Suite 800
Houston, Texas 77030

Research Grant - White Noise Electroretinography
\$29,275
January 1, 1977 through December 31, 1977
Dr. James L. Rae
This is support for continuation of an ongoing project.

- 9. Smith Kline & French Laboratories
1500 Spring Garden Street
Philadelphia, Pennsylvania 19101

Continuation of research project - Study of Effect of "Tagamet" (Cimetidine) (SK&F 92334) in Patients with Duodenal Ulcer Disease
\$20,000
Dr. William S. Hughes

GRANTS, CONTRACTS & AGREEMENTS (STATE):

- 1. Interagency Cooperation Contract No. IAC(76-77)-1843, between the Texas Department of Health Resources and The University of Texas Medical Branch at Galveston (UTMB), by which the Texas Department of Health Resources provides \$185, for the period December 30, 1976 through August 31, 1977, for UTMB, through its Department of Pediatrics, to provide services/materials to the Texas Department of Health Resources. This is a new contract. The contract was signed on behalf of UTMB by Dr. William C. Levin, President. The contract was signed by the State Board of Control on December 30, 1976.

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

FEDERAL CONTRACTS AND GRANTS

BOARD OF REGENTS' MEETING APRIL 15, 1977

20 LF

A single asterisk preceding the name of the donor indicates an originally signed award notice was not received.

- 1. Department of Health, Education, and Welfare
Health Resources Administration
Bureau of Health Manpower

Grant No. 06I480043-77
 \$27,108
 July 1, 1976 through June 30, 1977
 Health Professions Student Assistant Program
 Mr. Gene Powell, Coordinator
 This award provides additional funds for the student loan program.
 Galveston County

- 2. Department of Health, Education, and Welfare
Health Resources Administration
Bureau of Health Manpower

Training Grant No. 1D24 NU 00044-01
 \$153,874
 March 1, 1977 through February 28, 1978
Pediatric Nurse Practitioner
 Chloe S. Floyd
 This is the first year of a new project.
 Galveston County

- 3. Department of Health, Education, and Welfare
Health Resources Administration
Bureau of Health Resources Development

Modification No. 14 to Contract No. N01 MB 24391
 No new funds involved
 September 30, 1972 through September 30, 1977
Area Health Education Center. This contract establishes cooperative educational programs in the health sciences with several colleges and health facilities in Central and South Texas.
 Dr. William Walter Schottstaedt
 The purpose of this modification is to revise technical and reporting requirements and obligate additional funds for continued contract performance. The total contract costs and period of performance remain unchanged.
 Various counties in Texas

FEDERAL CONTRACTS AND GRANTS - continued

4. Department of Health, Education, and Welfare
National Institutes of Health
National Cancer Institute

Research Grant No. 5 R01 CA 14525-05

\$49,206 plus indirect costs

January 1, 1977 through December 31, 1977

Biochemistry of Normal and Leukemic Lymphocytes. The objective of this research is to delineate differences in the regulation of cell division between lymphocytes obtained from healthy donors and from patients with chronic lymphocytic leukemia.

Dr. Creed W. Abell

This is the fifth year of an ongoing project.

Galveston County

5. Department of Health, Education, and Welfare
National Institutes of Health
National Cancer Institute

Research Grant No. 5 R10 CA 03096-20

\$111,907 plus indirect costs

January 1, 1977 through December 31, 1977

Southwest Oncology Group. This is a national collaborative project to study the effect of new drugs on cancer.

Dr. John J. Costanzi

This is support for the twentieth year of an ongoing project.

Galveston County

6. *Department of Health, Education, and Welfare
National Institutes of Health
National Heart, Lung, and Blood Institute

Research Grant No. 5 R01 HL 19639-02

\$33,180 plus indirect costs

January 1, 1977 through December 31, 1977

Permeability Transients of Carriers, Channels, and Heart

Dr. Gabor Szabo

This is the second year of an ongoing project.

Galveston County

7. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Environmental Health Sciences

Research Grant No. 2 R01 ES 00944-04

\$31,941 plus indirect costs

March 1, 1977 through February 28, 1978

Air Pollutant-Lipid Membrane Interactions. The purpose of this research is to determine the specific molecular and biological effects of selected air pollutants on lipid membranes in vital animal tissues.

Dr. Leland L. Smith

This is the first year of a three-year renewal grant.

Galveston County

FEDERAL CONTRACTS AND GRANTS - continued

- 8. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of General Medical Sciences

Research Grant No. 5 R01 GM 21433-04
 \$44,520 plus indirect costs
 February 1, 1977 through January 31, 1978
Somatic Cell Genetics of Differentiated Phenotypes. The object of this research is to study cell differentiation with the methods of somatic cell genetics.
 Dr. Robert J. Klebe
 This is the fourth year of a continuing project.
 Galveston County

- 9. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of General Medical Sciences

Training Grant No. 5 T32 GM 07204-03
 \$64,987
 July 1, 1977 through June 30, 1978
Training Program in Genetic Mechanisms and Regulation
 Dr. Barbara H. Bowman
 This is the third year of a continuing project.
 Galveston County

- 10. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Neurological and Communicative Disorders and Stroke

Grant No. 1 F32 NS 05508-01
 \$3,000
 September 1, 1976 through August 31, 1977
 Postdoctoral Research Fellowship
 Dr. Arthur M. Brown, Sponsor
 Dr. Jane C. Krauhs, Fellow
 This award is an institutional supply allowance for support of the research project. A stipend payment of \$11,500 is paid directly to the Fellow.
 Galveston County

- 11. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Neurological and Communicative Disorders and Stroke

Research Grant No. 7 R01 NS 14034-01
 \$36,676 plus indirect costs
 January 1, 1977 through December 31, 1977
Neural Differentiations: Nerve Growth Factor Proteins. This study is to determine the productivity on nerve growth factor protein on nerve cells.
 Dr. J. Regino Perez-Polo
 This is the first year of a new two year grant.
 Galveston County

FEDERAL CONTRACTS AND GRANTS - continued

12. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Neurological and Communicative Disorders and Stroke
- Research Grant No. 5 P01 NS 11255-04
\$168,554 plus indirect costs
February 1, 1977 through January 31, 1978
Comparative Neurobiology. The research proposed is an analysis of the types of intercellular communication used by the nervous system in the control of behavior.
Dr. William D. Willis, Jr.
This is the fourth year of a continuing program.
Galveston County
13. *Department of Health, Education, and Welfare
Public Health Service
Region VI
Administrative Services Division
- Purchase Order No. R6-446-76
\$7,000
September 24, 1976 through April 30, 1977
To develop and conduct a seminar for physicians concerned with the care of geriatric patients.
Dr. M. L. Ross
This is a new award.
Galveston County
14. Department of Health, Education, and Welfare
Rehabilitation Services Administration
Office of Human Development
- Training Grant No. 44-P-30066/6-15 (05)
\$3,657
September 1, 1976 through August 31, 1977
Training Grant and Traineeships in Physical Therapy
Mr. Eugene C. Rembe
Amendment No. 3. This is a supplemental award to an ongoing project.
Galveston County
15. Department of the Navy
Office of Naval Research
- Modification P00001 to Contract No. N00014-76-C-0255
\$35,374
December 1, 1976 through November 30, 1977
Psychophysiological Correlates of Impulse Control and Social Conformity: laboratory and field studies
Dr. Ernest S. Barratt
This modification provides additional funds and extends the period of performance for one year. Estimated cost of the contract to date is \$79,376.
Galveston County

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THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

AMENDMENTS TO THE 1975-76, 1976-77 OPERATING BUDGET

BOARD OF REGENTS' MEETING APRIL 15, 1977

AMENDMENTS TO THE 1975-76 OPERATING BUDGET

Transfer of Funds

1. From: Various Accounts (detailed below)	\$2,568,381.18
Unallocated Appropriations	995,895.88
Total Source of Funds	\$3,564,277.06
To: Various Accounts (detailed below)	\$ 721,822.62
Unappropriated Surplus	2,842,454.44
Total Application of Funds	\$3,564,277.06
For: To close departmental balances as of August 31, 1976.	

<u>Source of Funds</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O/ Equipment</u>	<u>Travel</u>
Office of the President	\$	\$ 11,018.62	\$ 434.10	\$ 6,244.20
Office of the President Emeritus		1,502.92		324.15
Information Office			23.74	221.96
Vice President for Business & Hospital Affairs			1,910.23	3,008.02
Budget Office		1,245.07	53.95	45.40
Director of Student Personnel Services & Admissions		2,947.78	4,161.33	4.24
Office of Audits & Cost Reimbursements		4,338.98	448.90	
Director of General Services		379.89	428.69	1,036.90
Director of Fiscal Services			1,231.25	1,332.45
Office of the Director of Accounting		9,472.88		556.33
Office of Patient Finance Service Computation Center		12,947.93	8,293.35	387.92
Personnel Office		2,977.37		10.97
Office of Inservice Education		2,600.92	45.62	77.62
Office of the Purchasing Agent				600.00
General Stores		12,022.42	280.64	200.00
Mail & Telephone Service		18,552.38		701.53
Personnel Clinic		9,229.70		
Office of Sponsored Research		983.52	2,253.05	2,038.33
Staff Benefits			316,188.13	
Staff Benefits - Sick Leave	1,278.79	40,572.08		
Miscellaneous General Expense			14,324.53	

AMENDMENTS TO THE 1975-76 OPERATING BUDGET - continued

Transfer of Funds - continued

<u>Source of Funds</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O/ Equipment</u>	<u>Travel</u>
Office of the Dean of Medicine	\$	\$ 15,147.73	\$ 902.71	\$
Office of Research in Medical Education		7,267.59	509.05	86.10
Institute for Medical Humanities			149.25	
Integrated Functional Laboratory		579.76	7,843.48	
Anatomy			9.15	1,033.73
Anesthesiology	1,694.16		692.91	
Dermatology		239.30	282.81	
Family Medicine		4,406.14	1,774.11	
Human Biological Chemistry & Genetics	415.50	5,602.00	570.71	7.93
Internal Medicine		12,061.79		
Microbiology		6,727.72	22.13	
Psychiatry	1,616.66	840.95	1,193.19	
Neurology	0.01	1,269.34		
Obstetrics & Gynecology	333.32	114.99	249.56	
Ophthalmology			1,145.59	
Otolaryngology		4,165.80		
Pathology		1,389.76		
Pediatrics		3,500.22		
Pharmacology				405.91
Physiology & Biophysics		4,186.59		
Preventive Medicine & Community Health		2,172.05		43.87
Radiology		1,662.00		
Surgery		2,036.21	14,123.68	
Medical School - Equipment			4,436.81	
Office of the Dean of Allied Health Sciences		1,954.99		22.45
Core Curriculum - Basic & Clinical AHS	119.91	3,325.52	472.76	203.64
Health Care Sciences			112.13	
Medical Record Administration	3,777.77	153.00	53.55	4.54
Medical Technology	3,551.16	105.20	575.75	141.74
Occupational Therapy	375.40	468.26	15.90	29.33
Physical Therapy	5,154.00			142.93
Allied Health Service	722.22	1,450.91	258.56	56.92
Associated Health Occupations			507.86	
Office of the Dean of Graduate School	1,624.99	5,468.60	1,820.99	325.86
Vice President for Hospital Affairs		13,670.07	10,886.72	664.94
Credit & Collections		5.26		100.00
Unit Management			253.73	972.00
Volunteer Services			96.86	375.00
Admitting Office - Patients			6,589.48	
Emergency Room			4,675.15	
Outpatient Department		20,765.10	26,662.08	1,200.00
Cervical Screening Laboratory		1,003.11	2,192.40	
Patient Charge System			1,435.07	106.30
Staff Recruitment		4,742.86	18,477.56	453.53

AMENDMENTS TO THE 1975-76 OPERATING BUDGET - continued

Transfer of Funds - continued

<u>Source of Funds</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O/ Equipment</u>	<u>Travel</u>
Staff Development	\$	\$ 11,073.17	\$ 394.59	\$ 179.56
Nursing Service		147,205.05	3,411.33	1,414.69
Surgical Operating Suite		109,174.65		
Control Supply and Transportation		24,238.41	87,238.89	
Hospital Distribution		1,061.21	12,914.25	10.58
Medical House Staff		91,835.72		575.00
Medical Records Library		19,925.81	14,862.92	
Social Service		2,147.41	319.18	
Allergy Clinic				4.80
Anesthesia Service		2,108.63		
Adult Renal Metabolic Laboratory		3,525.26	20.00	
Blood Bank				157.61
Cardiac Catheterization Laboratory		10,210.94	5,752.57	
Clinical Laboratory				404.68
Clinical Study Center			195.52	
Cyto-Pathology Laboratory		8,669.42		
Dental Clinic			607.53	
Echoencephalography Laboratory		151.52	740.75	
Electroencephalography Laboratory		335.41	11.73	6.00
Special Neurophysiology Laboratory			1,970.25	
Emergency Room - Medical Director		1,003.41	759.70	723.94
Endocrine Metabolic Laboratory		44.66	316.45	
Family Medicine Clinic		2,526.74	94.87	
Gastroenterology Endoscopy Room		99.64		
Hearing and Speech Clinic		2,758.47	110.64	12.13
Vestibular Clinic		716.95		
Heart Station		23,183.27		
Histology Laboratory		1,778.75		
Infectious Disease Laboratory		435.82		
Moody State School		2,401.55		261.63
Nuclear Medicine Service			2,199.40	
Obstetrics & Gynecology Endocrinology Laboratory			891.23	
Pediatric Infectious Disease Laboratory			377.66	
Pediatric Gastroenterology Laboratory			29.94	
Pediatric Immunology Laboratory			76.26	
Pediatric Hematology Cyto- Genetics Laboratory		19.26		
Pediatric Endocrine Laboratory			19.88	
Pediatric Cardiology Laboratory		277.65	4,815.73	

AMENDMENTS TO THE 1975-76 OPERATING BUDGET - continued

Transfer of Funds - continued

<u>Source of Funds</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O/ Equipment</u>	<u>Travel</u>
Pharmacy	\$	\$ 10,257.30	\$	\$ 480.58
Pulmonary Laboratory		3,003.61	15,023.48	510.00
Pulmonary Therapy Service		49,671.12	1,956.88	
Radiology Service			43,890.51	
Rehabilitation Clinic - Physical Therapy		14,183.93	500.89	3.17
Rehabilitation Clinic - Occupational Therapy		268.19	206.06	48.92
Renal Immunology Laboratory		492.62		17.12
School Service for Pediatric & Psychiatric Patients		748.09	317.93	45.88
Special Hematology Laboratory		293.46		62.36
Special Immunology Laboratory				147.79
Surgery Serum Gastrin Laboratory		138.55		
Surgical Pathology Laboratory		894.85	187.31	
Housekeeping		19,790.54		
Laundry			11,309.02	18.50
Preventive Fire & Safety Program		5,963.72	1,492.18	188.38
Hospital Equipment Fund			4,060.55	
Chronic Home Dialysis Program		9,779.20		949.82
Renal Transplant Center		5,675.74	3,322.09	1,486.73
Animal Care Center		1,177.90	137.49	579.71
Educational Television				94.59
Medical Electronics Service				0.18
Medical Engineering Service		1,121.62		
Office of Educational & Research Services		4,714.41	611.71	16.47
Publications		449.64	242.81	
Reproduction Service		1,404.40		
Marine Biomedical Institute		16,392.16	33,188.36	3,465.96
Marine Medicine		48,194.28	37,515.46	5,520.77
Environmental Science			161.46	
Human Biological Chemistry & Genetics		586.45	345.36	
Continuing Education		6,777.04	2,122.04	103.35
Medical Branch Library		10,149.89		160.52
Security Division		23,098.76		4,363.32
Physical Plant - Building Maintenance		50,118.85	3,351.16	
Physical Plant - Grounds Maintenance		12,881.50	2,172.01	
Physical Plant - Utilities		8,017.47	710,991.23	
Merit Scholarships			1,800.00	
	<u>\$20,663.89</u>	<u>\$1,030,429.35</u>	<u>\$1,472,106.46</u>	<u>\$45,181.48</u>
<u>Application of Funds</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O/ Equipment</u>	<u>Travel</u>
Office of the President Emeritus	\$	\$	\$ 30.34	\$
Office of Audits & Cost Reimbursements				79.17

AMENDMENTS TO THE 1975-76 OPERATING BUDGET - continued

Transfer of Funds - continued

<u>Application of Funds</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O/ Equipment</u>	<u>Travel</u>
Office of the Director of Accounting	\$	\$	\$ 593.86	\$
Office of Patient Finance Personnel Office		31,162.54	6,688.68 131.35	
Office of the Purchasing Agent		734.47	554.01	
Mail & Telephone Service Personnel Clinic			19,450.61 125.10	
Anesthesiology Internal Medicine		2,192.81	36.25	
Microbiology	612.68			4.49
Neurology			1,378.27	
Otolaryngology			1,766.81	
Pathology	756.20		1,237.03	
Pediatrics	4,141.77		5,630.35	
Pharmacology		772.71	735.84	
Physiology & Biophysics	14,256.05		1,029.62	
Preventive Medicine & Community Health			10.16	
Radiology			453.57	
Office of the Dean of Allied Health Sciences			292.12	
Health Care Sciences				30.96
Physical Therapy		444.42	23.18	
Credit & Collections			2,448.02	
Unit Management		14,929.67		
Admitting Office - Patients		12,659.77		
Emergency Room		11,346.69		
Patient Charge System		6,181.19		
Surgical Operating Suite			63,863.52	
Medical House Staff			224.74	
Allergy Clinic			302.43	
Anesthesia Service			1,282.83	
Artificial Kidney		2,493.00	1,874.45	
Autopsy Service		515.02	316.18	
Blood Bank		3,923.76	623.17	
Clinical Laboratory		43,607.07	20,811.34	
Cyto-Pathology Laboratory			1,429.30	
Gastroenterology Endoscopy Room			545.27	
Vestibular Clinic			289.08	
Heart Station			7.85	
Histology Laboratory			225.00	
Infectious Disease Laboratory			391.70	
Moody State School			509.47	
Nuclear Medicine Service		2,226.57		
Pediatric Nephrology Laboratory			32.43	
Pediatric Hematology Cyto- Genetics Laboratory			637.61	
Pediatric Endocrine Laboratory		1,962.40		
Pharmacy			256,980.69	
Radiology Service		20,408.80		
Renal Immunology Laboratory			61.37	

AMENDMENTS TO THE 1975-76 OPERATING BUDGET - continued

Transfer of Funds - continued

<u>Application of Funds</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O/ Equipment</u>	<u>Travel</u>
Special Hematology Laboratory	\$	\$	\$ 2,335.37	\$
Special Immunology Laboratory		972.19	134.02	
Surgery Serum Gastrin Laboratory			7.94	
Housekeeping			312.41	50.30
Dietary Service			30,359.61	
Laundry		11,917.53		
Chronic Home Dialysis Program			87,589.05	
Educational Television		362.26	4.84	
Medical Electronics Service			180.68	
Office of the Director of Communications & Educational Support Services			13.95	
Medical Branch Library			3,519.13	
Physical Plant - General Services		3,741.89	5,439.37	
Security Division			3,151.86	
Security Division Longevity		2,836.41		
Student Aid - Tuitions & Fees			428.00	
	<u>\$19,766.70</u>	<u>\$175,391.17</u>	<u>\$526,499.83</u>	<u>\$164.92</u>

(RBC 709)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET

GENERAL ADMINISTRATION

Office of the Vice President for Business Affairs

1. Increase the salary rate of Mrs. Rachel M. Leinweber, Fiscal Manager, MSRDP, from \$16,200 to \$17,000 for twelve months, effective January 1, 1977. Additional Funds needed are to come from MSRDP - Business Affairs Office. (RBC 360)

MEDICAL SCHOOL

Office of the Dean of Medicine

2. Change the source of funds for Mr. James A. Williams, Coordinator, Educational Planning at a salary rate of \$19,900 for twelve months from DHEW Grant 06S-000170-11 to General Budget, effective October 1, 1976. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 224)

3. Appoint Mr. Charles W. Tandy as Assistant to the Dean of Medicine (part-time), without salary, effective October 1, 1976. Mr. Tandy also serves as Assistant to the Executive Dean at a salary rate of \$23,100 for twelve months in the Office of the Executive Dean. (RBC 328)

Institute for the Medical Humanities

4. Change the status of Dr. James B. Speer, Jr., (Non-Tenure) from Adjunct Member (one-half time) at a salary rate of \$24,000 to Assistant Professor, (full-time), at a salary rate of \$22,000 from NIH Development Grant, effective January 1, 1977. Dr. Speer also serves as Assistant Professor (part-time), without salary, in the Department of Preventive Medicine and Community Health. (RBC 352)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedMEDICAL SCHOOL - continuedAnesthesiology

5. Change the status of Dr. Sidney A. Smith (Non-Tenure) from Instructor at a compensation of \$40,350 (\$26,900 salary from General Budget and \$13,450 permissive augmentation from MSRDP - Anesthesiology) to Assistant Professor at a compensation of \$42,150 for twelve months (\$28,100 salary from General Budget and \$14,050 permissive augmentation from MSRDP - Anesthesiology), effective January 1, 1977. Additional General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 380)

6. Appoint Dr. Thomas E. Dent (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective January 1, 1977. (RBC 393)

7. Appoint Dr. Thomas F. Bryant (Non-Tenure) as Clinical Associate Professor (part-time), without salary, effective January 1, 1977. (RBC 397)

Family Medicine

8. Increase the salary rate of Mr. Michael L. Pamplin, Medical Planner, from \$18,400 (\$9,200 from General Budget and \$9,200 from DHEW Grant 06D-000053-03) to \$20,240 for twelve months (\$9,200 from General Budget and \$11,040 from DHEW Grant 06D-000053-03), effective January 1, 1977. (RBC 378)

Human Biological Chemistry and Genetics

9. Appoint Dr. Robert P. Wagner (Non-Tenure) as Visiting Professor (part-time), without salary, for the period December 31, 1976 through January 14, 1977. (RBC 325)

10. Change the title of Dr. Phillip L. Rayford (Tenure) from Assistant Professor (part-time), without salary, to Associate Professor (part-time), without salary, effective December 1, 1976. Dr. Rayford also serves as Associate Professor at a salary rate of \$35,400 in the Department of Surgery. (RBC 333)

11. Change the status of Dr. Yogesh C. Awasthi (Non-Tenure) from Faculty Associate at a salary rate of \$18,500 for twelve months from the National Foundation of March of Dimes to Assistant Professor at the same salary rate from General Budget, effective December 1, 1976. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 345)

12. Appoint Dr. Walter J. Meyer, III, (Tenure) as Associate Professor (part-time), without salary, effective December 1, 1976. Dr. Meyer also serves as Associate Professor (part-time) at a compensation of \$28,200 (\$27,200 salary (\$23,200 from General Budget and \$4,000 from DHEW Grant N01-MB-24391) and \$1,000 permissive augmentation from MSRDP - Pediatrics) in the Department of Pediatrics, and as Associate Director, Clinical Study Center (part-time) at a salary of \$6,800 in Clinical Study Center. Total salary for twelve months \$35,000. (RBC 359)

13. Appoint Dr. Jose R. Perez-Polo (Non-Tenure) as Assistant Professor at a salary of \$28,000 for twelve months, effective January 1, 1977. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 389)

14. Change the source of funds for Dr. Jeffrey L. Rossio (Non-Tenure), Instructor at a salary rate of \$17,350 for twelve months, from the Hoffman-La Roche Grant to General Budget, effective January 1, 1977. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 420)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedMEDICAL SCHOOL - continuedInternal Medicine

15. Change the status of Dr. Ralph D. Millsaps (Non-Tenure), Assistant Instructor, from one-half time at a salary of \$7,000 to full-time at a salary rate of \$14,460 for twelve months, effective October 1, 1976. Additional funds needed are to come from MSRDP - Internal Medicine. (RBC 76)

16. Change the status of Dr. James M. Mahan, Senior Associate, from full-time at a salary rate of \$24,000 for twelve months from DHEW Grant 5P30-CA-17701-02 to part-time, without salary, effective December 1, 1976. Dr. Mahan also serves as Coordinator for Course Development at a salary rate of \$24,000 in Continuing Education and as Assistant Professor (part-time), without salary, in Office of Research in Medical Education and in the Department of Preventive Medicine and Community Health. (RBC 343)

17. Change the status of Dr. John F. Williams, Jr., (Tenure) from Professor at a compensation of \$56,000 (\$44,800 salary from General Budget and \$11,200 permissive augmentation from MSRDP - Internal Medicine) to H. H. Weinert Professor of Medicine at the same compensation of \$56,000 for twelve months (\$44,800 salary (\$40,000 from General Budget and \$4,800 from H. H. Weinert Fund) and \$11,200 permissive augmentation from MSRDP - Internal Medicine), effective September 1, 1976. (RBC 356)

18. Grant a leave of absence without salary to Dr. Joseph P. Emmite (Non-Tenure), Clinical Instructor (part-time), without salary, effective January 19, 1977. (RBC 425)

Microbiology

19. Appoint Dr. Larry J. Arcement (Non-Tenure) as Research Scientist - Faculty (part-time) at a salary of \$10,000 for twelve months (\$7,272 from DHEW Grant 5S01-RR-05427-15 and \$2,728 from DHEW Grant N01-CP-61042), effective November 1, 1976. (RBC 318)

20. Grant a Reassignment of Duty to Dr. Adam Ewert (Tenure), Associate Professor, and change his compensation from \$21,800 from General Budget to \$14,300 from DHEW Grant 06S-000170-11, effective January 1, 1977. Dr. Ewert is joining a research program in Columbia, South America. (RBC 386)

21. Appoint Dr. Donald Duszynski (Non-Tenure) as Visiting Associate Professor at a salary rate of \$12,000 for twelve months for the period January 17, 1977 through June 17, 1977. Funds needed are to come from Unallocated Appropriations Instructional. (RBC 396)

Psychiatry

22. Accept the resignation of Dr. Laurence S. McGaughran (Non-Tenure), Adjunct Professor (part-time), without salary, effective September 2, 1976, the date of his death. (RBC 321)

23. Delete the name of Dr. Norman G. Hoffman (Non-Tenure), Assistant Professor (one-half time) at a salary of \$10,350 for twelve months. Dr. Hoffman is being appointed full-time in Preventive Medicine and Community Health. (RBC 349)

24. Accept the resignation of Dr. Robert L. Sutherland (Non-Tenure), Adjunct Professor (part-time), without salary, effective January 1, 1977, the date of his death. (RBC 429)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continued

MEDICAL SCHOOL - continued

Neurology

25. Appoint Dr. Adolph L. Sahs (Non-Tenure) as Visiting Professor at a salary rate of \$36,000 for twelve months for the period January 1, 1977 through March 31, 1977. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 392)

Obstetrics and Gynecology

26. Grant a leave of absence without salary to Dr. Giorgio Caresano (Non-Tenure), Visiting Professor (part-time), without salary, effective October 30, 1976. (RBC 342)

27. Increase the salary of Dr. April G. O'Quinn (Non-Tenure), Faculty Associate (part-time), from \$9,000 to \$10,595 for twelve months, effective January 1, 1977. Additional funds needed are to come from MSRDP - Obstetrics and Gynecology. (RBC 391)

28. Increase the compensation and change the source of funds for Dr. Cattamanchi R. Reddi (Non-Tenure), Assistant Professor, from \$34,000 (\$30,000 salary (\$24,000 from General Budget and \$6,000 from DHEW Grant 06H-000084-07-0) and \$4,000 permissive augmentation from MSRDP - Obstetrics and Gynecology) to \$35,980 for twelve months (\$27,600 salary (\$24,000 from General Budget and \$3,600 from DHEW Grant 06H-000084-07-0) and \$8,380 permissive augmentation from MSRDP - Obstetrics and Gynecology), effective January 1, 1977. (RBC 398)

29. Increase the compensation of Dr. Edward R. Smith (Non-Tenure) Assistant Professor, from \$21,000 (\$19,000 salary from General Budget and \$2,000 permissive augmentation from MSRDP - Obstetrics and Gynecology) to \$22,285 for twelve months (\$19,000 salary from General Budget and \$3,285 permissive augmentation from MSRDP - Obstetrics and Gynecology), effective January 1, 1977. (RBC 399)

30. Increase the compensation of Dr. Linda M. Miller (Non-Tenure), Assistant Professor, from \$29,000 (\$22,000 salary from General Budget and \$7,000 permissive augmentation from MSRDP - Obstetrics and Gynecology) to \$30,954 for twelve months (\$22,000 salary from General Budget and \$8,954 permissive augmentation from MSRDP - Obstetrics and Gynecology), effective January 1, 1977. (RBC 400)

31. Increase the compensation and change the source of funds for Dr. Robert E. Girtanner (Non-Tenure), Assistant Professor, from \$43,000 (\$35,000 salary (\$27,000 from General Budget and \$8,000 from Interagency Contract) and \$8,000 permissive augmentation from MSRDP - Obstetrics and Gynecology) to \$44,954 for twelve months (\$35,000 salary (\$27,000 from General Budget, \$4,700 from Interagency Contract, and \$3,300 from American Cancer Society Grant) and \$9,954 permissive augmentation from MSRDP - Obstetrics and Gynecology), effective January 1, 1977. (RBC 401)

32. Accept the resignation of Dr. Charles E. Pehr (Non-Tenure), Instructor at a salary rate of \$27,000 for twelve months, effective January 8, 1977. (RBC 427)

Otolaryngology

33. Appoint Mr. David L. Goodnight as Assistant to the Chairman at a salary rate of \$16,000 for twelve months (\$8,000 from General Budget and \$8,000 from MSRDP - Otolaryngology), effective January 5, 1977. General Budget funds needed are to come from the departmental non-teaching salaries budget. (RBC 385)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continued

MEDICAL SCHOOL - continued

Pathology

34. Appoint Dr. Jerry T. Francisco (Non-Tenure) as Visiting Professor at a salary rate of \$30,000 for twelve months for the period November 11, 1976 through November 19, 1976. Funds needed are to come from the departmental teaching salaries budget. (RBC 332)

35. Accept the resignation of Dr. Francis M. Urry (Non-Tenure), Instructor (part-time) at a permissive augmentation of \$709 for twelve months, effective December 14, 1976. (RBC 334)

36. Accept the resignation of Dr. Iver Diaz (Non-Tenure), Assistant Professor at a salary rate of \$28,000 for twelve months, effective December 31, 1976. (RBC 373)

37. Appoint Dr. Sharon K. File (Non-Tenure) as Research Scientist - Faculty at a salary rate of \$15,000 for twelve months, effective January 1, 1977. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 375)

38. Appoint Dr. Paul J. Boor (Non-Tenure) as Assistant Professor at a compensation of \$36,000 for twelve months (\$27,000 salary from General Budget and \$9,000 permissive augmentation from MSRDP - Pathology), effective January 1, 1977. General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 382)

39. Appoint Dr. Ahmed E. Ahmed (Non-Tenure) as Assistant Professor at a salary rate of \$22,500 for twelve months, effective January 17, 1977. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 404)

Pediatrics

40. Change the source of funds for Dr. Peter S. Lazarus (Non-Tenure), Instructor at a compensation of \$26,000 for twelve months, from \$11,600 from General Budget, \$12,400 from DHEW Grant O6S-000170-11 and \$2,000 from DHEW Grant N01-MB-24391 to \$24,000 from General Budget and \$2,000 from DHEW Grant N01-MB-24391, effective October 1, 1976. Additional General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 225)

41. Change the source of funds for Dr. Jordan W. Finkelstein (Tenure), Associate Professor at a compensation of \$40,000 for twelve months, from a salary of \$36,000 from DHEW Grant O6S-000170-11 and \$4,000 permissive augmentation to a salary of \$36,000 from General Budget and \$4,000 permissive augmentation from MSRDP - Pediatrics, effective October 1, 1976. General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 226)

42. Appoint Dr. Jerry K. Johnson (Non-Tenure) as Clinical Instructor (part-time), without salary, effective October 1, 1976. (RBC 323)

43. Change the status of Dr. Walter J. Meyer, III, (Tenure), Associate Professor, from full-time at a compensation of \$35,000 (\$34,000 salary (\$30,000 from General Budget and \$4,000 from DHEW Grant N01-MB-24391) and \$1,000 permissive augmentation from MSRDP - Pediatrics) to part-time at a compensation of \$28,200 for twelve months (\$27,200 salary (\$23,200 from General Budget and \$4,000 from DHEW Grant N01-MB-24391) and \$1,000 permissive augmentation from MSRDP - Pediatrics), effective December 1, 1976. Dr. Meyer also serves as Associate Director, Clinical Study Center (part-time) at a salary of \$6,800 in Clinical Study Center. Total compensation for twelve months, \$35,000. (RBC 338)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continued

MEDICAL SCHOOL - continued

Pediatrics - continued

44. Appoint Dr. Thomas M. Leach (Non-Tenure) as Instructor at a salary rate of \$18,000 for twelve months (\$16,500 from General Budget and \$1,500 from Inter-agency Contract), effective January 1, 1977. General Budget funds needed are to come from the departmental teaching salaries budget. (RBC 416)

45. Change the status of Dr. William A. Stanley (Non-Tenure) from Instructor at a salary rate of \$18,000 from General Budget to Fellow in Nephrology at the same salary rate for twelve months (\$7,900 from Interagency Contract, \$5,500 from MSRDP - Pediatrics, and \$4,600 from Self-Instructional Project Consortium Scholarship Fund), effective January 1, 1977. (RBC 419)

46. Appoint Dr. Leonard A. Toomin (Non-Tenure) as Clinical Associate Professor (part-time), without salary, effective January 1, 1977. (RBC 422)

Physiology and Biophysics

47. Increase the salary rate of Dr. Norio Akaike (Non-Tenure), Assistant Professor from \$16,440 to \$18,180 for twelve months from DHEW Grant 5R01-NS-12655-02, effective February 1, 1977. (RBC 411)

Preventive Medicine and Community Health

48. Change the status of Dr. Norman G. Hoffman (Non-Tenure), Assistant Professor, from one-half time at a salary of \$10,350 from General Budget to full-time at the same salary rate of \$20,700 for twelve months (\$10,350 from General Budget and \$10,350 from DHEW Grant 5R01-MH-14675-09), effective September 7, 1976. (RBC 348)

49. Change the status of Dr. James B. Speer, Jr., (Non-Tenure) from Adjunct Assistant Professor (part-time), without salary, to Assistant Professor (part-time), without salary, effective January 1, 1977. Dr. Speer also serves as Assistant Professor at a salary rate of \$22,000 in the Institute for the Medical Humanities. (RBC 353)

50. Change the status of Dr. Billy U. Philips, Jr., (Non-Tenure), Assistant Professor, from full-time at a salary rate of \$21,000 for twelve months (\$10,500 from DHEW Grant N01-MB-24391, \$5,250 from General Budget, and \$5,250 from DHEW Grant 5P30-CA-17701-02) to part-time, without salary, effective January 1, 1977. Dr. Philips also serves as Director, Special Programs at a salary rate of \$22,800 in Continuing Education. (RBC 361)

51. Appoint Dr. Stanley Zimmering (Non-Tenure) as Visiting Professor at a salary rate of \$30,000 for twelve months (\$20,000 from General Budget and \$10,000 from U.S. E.P.A. R8046-21010) for the period January 17, 1977 through July 17, 1977. General Budget funds needed are to come from Unallocated Appropriations - Instructional. Dr. Zimmering also serves as Visiting Professor (part-time), without salary, in the Office of the Dean of Graduate School. (RBC 406)

Radiology

52. Increase the compensation of Dr. Carlos K. Hayden (Non-Tenure), Instructor, from \$30,000 (\$21,000 salary from General Budget and \$9,000 permissive augmentation from MSRDP - Radiology) to \$31,900 for twelve months (\$22,000 salary from General Budget and \$9,900 permissive augmentation from MSRDP - Radiology), effective January 1, 1977. Additional General Budget funds needed are to come from Unallocated Appropriations - Instructional. Dr. Hayden also serves as Instructor (part-time), without salary, in the Department of Pediatrics. (RBC 369)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continued

MEDICAL SCHOOL - continued

Radiology - continued

53. Appoint Dr. William N. Floyd, Jr., (Non-Tenure) as Instructor at a compensation of \$35,000 for twelve months (\$23,500 salary from General Budget and \$11,500 permissive augmentation from MSRDP - Radiology), effective January 1, 1977. General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 374)

54. Appoint Dr. Suppiah Balachandran (Non-Tenure) as Assistant Professor at a compensation of \$39,000 for twelve months (\$26,000 salary from General Budget and \$13,000 permissive augmentation from MSRDP - Radiology), effective January 5, 1977. General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 379)

Surgery

55. Increase the compensation of Dr. Kenneth R. Tyson (Tenure), Professor, from \$60,900 (\$40,600 salary from General Budget and \$20,300 from permissive augmentation from MSRDP - Surgery) to \$64,500 for twelve months (\$43,000 salary from General Budget and \$21,500 permissive augmentation from MSRDP - Surgery), effective January 1, 1977. Additional General Budget funds needed are to come from Unallocated Appropriations - Instructional. Dr. Tyson also serves as Professor (part-time), without salary, in Pediatrics. (RBC 355)

56. Appoint Dr. Michael E. Miner (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective September 1, 1976. (RBC 365)

57. Appoint Dr. Howard H. Kaufman (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective September 1, 1976. (RBC 366)

58. Appoint Dr. Philip L. Gildenberg (Non-Tenure) as Clinical Professor (part-time), without salary, effective September 1, 1976. (RBC 367)

59. Appoint Dr. Graham M. Teasdale (Non-Tenure) as Visiting Professor at a compensation of \$41,900 for twelve months (\$28,000 salary from General Budget and \$13,900 permissive augmentation from MSRDP - Surgery), effective January 5, 1977. General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 403)

60. Change the status of Dr. Anton Schafmayer (Non-Tenure), Visiting Instructor, from part-time, without salary, to full-time at a salary rate of \$10,000 for twelve months from MSRDP - Surgery, effective January 1, 1977. (RBC 413)

61. Appoint Dr. Donald H. Parks, (Non-Tenure) as Assistant Professor at a compensation of \$37,500 for twelve months (\$25,000 salary from Shrine Affiliation Agreement and \$12,500 permissive augmentation from MSRDP - Surgery), effective January 1, 1977. (RBC 414)

62. Accept the resignation of Dr. Robert M. Moore (Non-Tenure), Professor Emeritus (part-time), without salary, effective January 18, 1977, the date of his death. (RBC 430)

ALLIED HEALTH SCIENCES SCHOOL

Medical Record Administration

63. Appoint Mrs. Cheryl R. Anderson (Non-Tenure) as Adjunct Instructor (part-time), without salary, effective September 1, 1976. (RBC 415)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedALLIED HEALTH SCIENCES SCHOOL - continuedMedical Technology

64. Accept the resignation of Dr. Francis M. Urry (Non-Tenure), Adjunct Instructor (part-time), without salary, effective December 14, 1976. (RBC 335)

65. Accept the resignation of Mrs. Cornelia J. Glinski (Non-Tenure), Instructor (part-time) at a salary of \$3,122 for twelve months, effective December 31, 1976. (RBC 426)

Occupational Therapy

66. Accept the resignation of Mrs. Luana Vana (Non-Tenure), Adjunct Instructor (part-time), without salary, effective September 30, 1976. (RBC 320)

67. Appoint Miss Janet L. Bottenberg (Non-Tenure) as Adjunct Instructor (part-time), without salary, effective December 1, 1976. (RBC 326)

68. Appoint Mrs. Terry G. Glenn (Non-Tenure) as Adjunct Instructor (part-time), without salary, effective December 1, 1976. (RBC 327)

69. Appoint Mrs. Janet Casterton (Non-Tenure) as Adjunct Instructor (part-time), without salary, effective December 1, 1976. (RBC 329)

70. Appoint Mrs. Lenore C. Burkhart (Non-Tenure) as Adjunct Instructor (part-time), without salary, effective December 1, 1976. (RBC 330)

71. Appoint Mrs. Alice A. Meister (Non-Tenure) as Adjunct Instructor (part-time), without salary, effective December 1, 1976. (RBC 347)

72. Appoint Mrs. Katherine A. Martinez (Non-Tenure) as Adjunct Instructor (part-time), without salary, effective January 1, 1977. (RBC 381)

73. Accept the resignation of Mrs. Anne L. Woodson (Non-Tenure), Instructor (one-fourth time) at a salary rate of \$12,576 for twelve months, effective January 7, 1977. (RBC 390)

74. Appoint Mrs. Rochelle R. Lofton (Non-Tenure) as Adjunct Instructor (part-time), without salary, effective January 1, 1977. (RBC 423)

Physical Therapy

75. Accept the resignation of Miss Rosalie B. Lopopola (Non-Tenure), Instructor (part-time), without salary, effective October 26, 1976. (RBC 322)

76. Appoint Miss Gertrude A. Freeman (Non-Tenure) as Associate Professor at a salary rate of \$18,000 for twelve months, effective January 10, 1977. Funds needed are to come from Unallocated Appropriations - Allied Health Sciences. (RBC 384)

Associated Health Occupations

77. Appoint Mr. Sheldon S. Lee, Jr., (Non-Tenure) as Instructor (part-time), without salary, effective December 1, 1976. (RBC 317)

78. Appoint Mr. Geoffrey B. Brown (Non-Tenure) as Instructor (part-time), without salary, effective December 1, 1976. (RBC 324)

79. Accept the resignation of Mrs. Dwytha C. Gusta (Non-Tenure), Adjunct Instructor (part-time), without salary, effective January 7, 1977. (RBC 363)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedGRADUATE SCHOOLOffice of the Dean of Graduate School

80. Delete the name of Dr. Creed W. Abell (Non-Tenure), Professor (part-time), without salary. Dr. Abell did not accept his 1976-77 reappointment in this department only. (RBC 264)
81. Grant a Reassignment of Duty to Dr. Adam Ewert (Tenure), Associate Professor, (part-time) and change his salary status from \$6,800 for twelve months to without salary, effective January 1, 1977. Dr. Ewert is joining a research program in Columbia, South America. (RBC 387)
82. Appoint Dr. Stanley Zimmering (Non-Tenure) as Visiting Professor (part-time), without salary, for the period January 17, 1977 through July 17, 1977. Dr. Zimmering also serves as Visiting Professor at a salary rate of \$30,000 in the Department of Preventive Medicine and Community Health. (RBC 412)

NURSING SCHOOLNursing School

83. Delete the name of Mrs. Eileen J. Cowart (Non-Tenure), Assistant Professor at a nine months salary rate of \$16,000. Mrs. Cowart did not accept her 1976-77 reappointment. (RBC 263)
84. Delete the name of Mrs. Kathleen E. Thorman (Non-Tenure), Instructor at a nine months salary rate of \$13,200. Mrs. Thorman did not accept her 1976-77 reappointment. (RBC 267)
85. Appoint Mrs. Irene M. Light (Non-Tenure) as Instructor at a nine months salary rate of \$13,000 for the period January 1, 1977 through May 31, 1977. Funds needed are to come from DHEW Grant 2E04-NU-01360-04. (RBC 370)
86. Appoint Mrs. Florence L. Crawford (Non-Tenure) as Instructor at a nine months salary rate of \$13,000 for the period January 1, 1977 through May 31, 1977. Funds needed are to come from DHEW Grant 2E04-NU-01360-04. (RBC 372)
87. Appoint Mrs. Esperanza Rocha (Non-Tenure) as Instructor at a nine months salary rate of \$13,000 for the period January 1, 1977 through May 31, 1977. Funds needed are to come from DHEW Grant 2E04-NU-01360-04. (RBC 376)
88. Appoint Miss Patricia A. Sayers (Non-Tenure) as Instructor (one-half time) at a nine months salary rate of \$10,800 for the period January 1, 1977 through May 31, 1977. Funds needed are to come from DHEW Grant 2E04-NU-01360-04. (RBC 377)
89. Appoint Miss Mary E. Lott (Non-Tenure) as Instructor at a salary rate of \$16,000 for twelve months, effective January 1, 1977. Funds needed are to come from Unallocated Appropriations - Nursing School. (RBC 388)

90. Appoint Mrs. Aletta Z. Linares (Non-Tenure) as Instructor at a salary rate of \$16,000 for twelve months, effective January 1, 1977. Funds needed are to come from Unallocated Appropriations - Nursing School. (RBC 402)

Continuing Education

91. Appoint Mrs. Marilyn L. Thompson as Associate Director, Special Programs (one-half time) at a salary rate of \$24,000 for twelve months, effective December 15, 1976. Funds needed are to come from the departmental teaching salaries budget. (RBC 331)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedNURSING SCHOOL - continuedContinuing Education - continued

92. Appoint Dr. James M. Mahan as Coordinator for Course Development at a salary rate of \$24,000 for twelve months, effective December 1, 1976. Funds needed are to come from the departmental non-teaching salaries. Dr. Mahan also serves as Senior Associate (part-time), without salary, in the Department of Internal Medicine and as Assistant Professor (part-time), without salary, in the Office of Research in Medical Education and in the Department of Preventive Medicine and Community Health. (RBC 344)

93. Appoint Dr. Billy U. Philips, Jr., as Director, Special Programs at a salary rate of \$22,800 for twelve months, effective January 1, 1977. Funds needed are to come from the departmental non-teaching salaries budget. Dr. Philips also serves as Assistant Professor (part-time), without salary, in the Department of Preventive Medicine and Community Health. (RBC 358)

UNIVERSITY HOSPITALSClinical Laboratory

94. Accept the resignation of Dr. Francis M. Urry, Clinical Toxicologist (part-time) at a salary of \$16,808 for twelve months, effective December 14, 1976. (RBC 336)

Clinical Study Center

95. Appoint Dr. Walter J. Meyer, III, as Associate Director, Clinical Study Center (part-time) at a salary of \$6,800 for twelve months, effective December 1, 1976. Funds needed are to come from DHEW Grant 5M01-RR-00073-15. Dr. Meyer also serves as Associate Professor (part-time) at a compensation of \$28,200 (\$27,200 salary (\$23,200 from General Budget and \$4,000 from DHEW Grant N01-MB-24391) and \$1,000 permissive augmentation from MSRDP - Pediatrics. Total compensation for twelve months, \$35,000. (RBC 339)

Heart Station

96. Increase the salary of Mrs. Mary E. Luper, Technical Director (part-time), from \$6,997 to \$7,243 for twelve months, effective January 1, 1977. Additional funds needed are to come from the departmental non-teaching salaries budget. Mrs. Luper also serves as Technical Director (part-time) at a salary of \$5,357 in Heart Station - Sealy and Smith. Total salary for twelve months, \$12,600. (RBC 350)

Moody State School

97. Increase the salary rate of Miss Joan M. Dinklage, School Teacher, from \$10,656 (\$5,328 from General Budget and \$5,328 from Title I - Moody School) to \$11,016 for twelve months (\$5,508 from General Budget and \$5,508 from Title I - Moody School), effective February 1, 1977. Additional General Budget funds needed are to come from the departmental non-teaching salaries budget. (RBC 405)

Pulmonary Therapy Service

98. Accept the resignation of Mrs. Dwytha C. Gusta, Technical Director, Pulmonary Therapy (part-time) at a salary of \$14,883 for twelve months, effective January 7, 1977. (RBC 364)

Housekeeping

99. Increase the salary of Mr. Robert C. Hope, Director, Housekeeping Services (part-time), from \$17,871 to \$18,400 for twelve months, effective January 1, 1977. Additional funds needed are to come from Unallocated Appropriations - Hospitals. Mr. Hope also serves as Director, Housekeeping Services (part-time) at a salary of \$4,600 in Housekeeping - Sealy and Smith. Total salary for twelve months, \$23,000. (RBC 341)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continued

THE MARINE BIOMEDICAL INSTITUTE

The Marine Biomedical Institute

100. Accept the resignation of Dr. Robert F. Schmidt, Visiting Scientist at a salary rate of \$18,000 for twelve months, effective December 28, 1976. (RBC 319)

101. Accept the resignation of Dr. Won T. Yang, Research Investigator at a salary rate of \$27,500 for twelve months, effective January 31, 1977. (RBC 424)

102. Accept the resignation of Mr. Robert W. Martindale, Deputy Director for Administration at a salary rate of \$31,500 for twelve months, effective January 31, 1977. (RBC 428)

LIBRARIES

Medical Branch Library

103. Increase the salary rate of Mrs. Barbara B. Kelso, Chief Reference Librarian, from \$15,500 to \$16,422 for twelve months, effective December 1, 1976. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 337)

SEALY AND SMITH FOUNDATION HOSPITALS

Clinical Laboratory

104. Accept the resignation of Dr. Francis M. Urry, Clinical Toxicologist (part-time) at a salary of \$6,583 for twelve months, effective December 14, 1976. (RBC SS 14)

Heart Station

105. Increase the salary of Mrs. Mary E. Luper as Technical Director (part-time) from \$5,171 to \$5,357 for twelve months, effective January 1, 1977. Additional funds needed are to come from the departmental non-teaching salaries budget. Mrs. Luper also serves as Technical Director (part-time) at a salary of \$7,243 in Heart Station. Total salary for twelve months, \$12,600. (RBC SS 16)

Pulmonary Therapy Service

106. Accept the resignation of Mrs. Dwytha C. Gusta, Technical Director, Pulmonary Therapy (part-time) at a salary of \$5,703 for twelve months, effective January 7, 1977. (RBC SS 17)

Housekeeping

107. Increase the salary of Mr. Robert C. Hope, Director, Housekeeping Services (part-time), from \$4,468 to \$4,600 for twelve months, effective January 1, 1977. Additional funds needed are to come from Unallocated Appropriations - Hospitals. Mr. Hope also serves as Director, Housekeeping Services (part-time) at a salary of \$18,400 in Housekeeping. Total salary for twelve months, \$23,000. (RBC SS 15)

TRANSFER OF FUNDS

108. From: Unallocated Appropriations - Instructional \$2,200.00

To: Office of the Dean of Medicine:
Classified Salaries \$2,200.00

For: This transfer will provide funds for a new position of Clerk I (one-half time) at a salary rate of \$5,280 for twelve months, effective November 1, 1976.

(RBC 281)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedTRANSFER OF FUNDS - continued

109. From: Unallocated Appropriations - Instructional \$379.02
- To: Office of the Dean of Medicine:
Classified Salaries \$379.02
- For: This transfer will provide funds for the creation of a new position of Clerk I at a salary rate of \$5,640 for twelve months for the period December 11, 1976 through January 14, 1977.
- (RBC 340)
110. From: Unallocated Appropriations - Instructional \$22,539.00
- To: Office of the Dean of Medicine:
Classified Salaries \$22,539.00
- For: This transfer will provide funds for the creation of three (3) new positions, effective October 1, 1976. One (1) Clerk II at a salary rate of \$6,456 for twelve months, and two (2) Health Education Assistants, one (1) at a salary rate of \$9,972 and one (1) at a salary rate of \$8,160.
- (RBC 417)
111. From: Unallocated Appropriations - Instructional \$5,624.00
- To: Human Biological Chemistry and Genetics:
Classified Salaries \$5,624.00
- For: This transfer will provide funds for the creation of a new position of Clerk-Typist III at a salary rate of \$8,436 for twelve months, effective January 1, 1977.
- (RBC 383)
112. From: Unallocated Appropriations - Instructional \$4,192.00
- To: Human Biological Chemistry and Genetics:
Classified Salaries \$4,192.00
- For: This transfer will provide funds for the creation of a new position of Research Associate at a salary rate of \$12,576 for twelve months for the period January 1, 1977 through April 30, 1977.
- (RBC 421)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continued

TRANSFER OF FUNDS - continued

113. From: Unallocated Appropriations - Instructional \$2,505.92

To: Pediatrics:
Classified Salaries \$2,505.92

For: This transfer will provide funds for the creation of a new position of Clerk-Typist II (part-time) at a salary of \$3,875 for twelve months, effective December 1, 1976.

(RBC 409)

114. From: Unallocated Appropriations - Instructional \$20,678.90

To: Preventive Medicine and Community Health:
Classified Salaries \$20,678.90

For: This transfer will provide funds for the creation of a new position of Programmer Analyst I (part-time) at a salary rate of \$13,835 and a Control Clerk-Coder II (full-time) at a salary rate of \$8,724 for twelve months, both effective October 1, 1976.

(RBC 368)

115. From: Unallocated Appropriations - Instructional \$3,534.80

To: Preventive Medicine and Community Health:
Classified Salaries \$3,534.80

For: This transfer will provide funds for the creation of a new position of Computer Programmer I (part-time) at a salary of \$5,717 for twelve months, effective January 19, 1977.

(RBC 410)

116. From: Unallocated Appropriations - Nursing School \$6,000.00

To: Nursing School:
Teaching Salaries \$6,000.00

For: This transfer will provide funds for the creation of three (3) new positions of Teaching Assistant (one-half time) at a nine months salary rate of \$7,200 for the period January 1, 1977 through May 31, 1977.

(RBC 371)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continued

TRANSFER OF FUNDS - continued

- 117. From: Unallocated Appropriations - Hospitals \$47,005.87
- To: Sterile Supply:
- Classified Salaries \$47,005.87
- For: This transfer will provide funds for the creation of twelve (12) new positions of Supply/Processing/Distribution Technician I. One (1) at a salary rate of \$7,632 effective December 6, 1976, one (1) at a salary rate of \$5,640, effective December 20, 1976, ten (10) at a salary rate of \$5,280, one (1) effective December 15, 1976, two (2) effective December 17, 1976, four (4) effective December 20, 1976, two (2) effective December 21, 1976, and one (1) effective December 22, 1976.
- (RBC 346)

- 118. From: Unallocated Appropriations - Hospitals \$3,193.54
- To: Medical Records:
- Classified Salaries \$3,193.54
- For: This transfer will provide funds for the creation of a new position of Clerk I at a salary rate of \$5,280 for twelve months, effective January 24, 1977.
- (RBC 408)

- 119. From: Unallocated Appropriations - Hospitals \$3,640.00
- To: Radiology Service:
- Classified Salaries \$3,640.00
- For: This transfer will provide funds for the creation of a new position of Clerk I at a salary rate of \$5,460 for twelve months, effective January 1, 1977.
- (RBC 354)

- 120. From: Unallocated Appropriations - Hospitals \$3,520.00
- To: Radiology Service:
- Classified Salaries \$3,520.00
- For: This transfer will provide funds for the creation of a new position of Clerk I at a salary rate of \$5,280 for twelve months, effective January 1, 1977.
- (RBC 394)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET - continuedTRANSFER OF FUNDS - continued

121. From: Unallocated Appropriations - Hospitals \$5,000.00

To: Radiology Service:
Travel \$5,000.00

For: This transfer will provide funds for necessary travel for the remainder of this fiscal year.

(RBC 395)

122. From: Unallocated Appropriations - Hospitals \$9,548.00

To: Radiology Service:
Classified Salaries \$9,548.00

For: This transfer will provide funds for the creation of a new position of Radiologic Technologist Supervisor at a salary rate of \$14,376 for twelve months, effective January 1, 1977.

(RBC 407)

SPECIAL FISCAL ITEM: Approval is recommended for the establishment of the budget for the 1977 Summer Session of The University of Texas Medical Branch at Galveston School of Nursing, as follows:

(see following pages)

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THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
SCHOOL OF NURSING

1977 Summer Session

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
SCHOOL OF NURSING

1977 Summer Session

Source of Funds:

Unallocated Faculty Salaries	\$11,368	
Capitation Grant	<u>33,403</u>	\$44,771

Budgeted Expenditures:

Resident Instruction:		
Faculty Salaries		<u>44,771</u>

Balance, 1977 Summer Session		<u>\$ -0-</u>
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THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
SCHOOL OF NURSING

1977 Summer Session

Item No.	Payroll Title - Code - Name	Dates		% Of Time	Account Name	9 Month Rate	SS 1977 Budget
		Begin	End				
<u>Associate Professor - 20110</u>							
1.	Fuller, Sara	7-16	8-31	100	Federal Grant	\$17,600	\$ 2,934
2.	Mason, Jean T	6-01	7-15	100	Ed. and Gen.	19,500	3,250
3.	Vacant	6-01	7-15	100	Ed. and Gen.	19,500	3,250
4.	Vacant	7-16	8-31	100	Federal Grant	19,500	3,250
<u>Assistant Professor - 20141</u>							
5.	Boortz, Marion E.	6-01	7-15	100	Ed. and Gen.	14,000	2,334
6.	Haggenmaker, Mary A.	6-01	7-15	100	Federal Grant	14,000	2,334
7.	Jewell, Kathryn J.	7-16	8-31	100	Federal Grant	15,900	2,650
8.	Johnson, Mildred T	7-16	8-31	100	Federal Grant	15,400	2,567
9.	Knebel, Elizabeth A.	6-01	7-15	100	Ed. and Gen.	15,200	2,534
10.	Martin, Irene	6-01	7-15	100	Federal Grant	15,000	2,500
11.	Masten, Mary L. T	6-01	7-15	100	Federal Grant	17,700	2,950
12.	Rahr, Virginia A.	6-01	7-15	100	Federal Grant	15,000	2,500
13.	Schmidt, Phyllis I.	7-16	8-31	100	Federal Grant	15,400	2,567
<u>Instructor - 20171</u>							
14.	Campbell, Doris E.	6-01	7-15	100	Federal Grant	13,600	2,267
15.	Patrick, Vicki C.	6-01	7-15	100	Federal Grant	12,900	2,150
16.	Ronshausen, Christina A.	7-16	8-31	100	Federal Grant	14,800	2,467
17.	Russol, Barbara A.	6-01	7-15	100	Federal Grant	13,600	<u>2,267</u>
GRAND TOTAL							<u>\$44,771</u>
Educational & General							\$11,368
Capitation Grant							\$33,403

(RBC 450)



3329

The University of Texas
Health Science Center at Houston
P.O. Box 20036
Houston, Texas 77025
(713) 792-4975

Office of the President

March 18, 1977

Dr. E. D. Walker
Deputy Chancellor
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Dr. Walker:

The docket for the April 15, 1977 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

T. G. Blocker, Jr., M.D.
Acting President

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

Docket

Board of Regents' Meeting April 15, 1977

~~TO + T~~

GIFTS: Approval is respectfully requested for the acceptance of the following gifts.

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
<u>HOUSTON MEDICAL SCHOOL</u>		
1. Miranda Leonard Foundation c/o Mr. Jenkins Garrett Garrett, Stahala, Horgner & Boswell Suite 1705, Commerce Bldg. Fort Worth, Texas 76102	In support of the development of a male contraceptive.	\$14,500
<u>HOUSTON DENTAL BRANCH</u>		
1. Mrs. Louise Knutson 3711 San Felipe Houston, Texas 77027	In support of the "Louise Knutson Fund-Matching Funds for Student Loans".	\$ 5,000
<u>PUBLIC HEALTH SCHOOL</u>		
1. Dr. Leslie A. Chambers Department of Environmental Health The University of Texas Health Science Center School of Public Health Houston, Texas	For use by the School of Public Health. Equipment donated: 1. Standard Questar Telescope with Quartz Mirror 2. 3.5-inch Full Apperture Sun Filter 3. Praktina FX Camera 4. Linhof Professional Heavy Duty Tripod with Geared Center Post and Pan Head 5. Vinyl Counterweight 6. Basic Camera Coupling	\$ 1,295 Manufacturers appraised value
<u>SPEECH AND HEARING INSTITUTE</u>		
1. Mrs. P. E. Turner 950 Houston Club Bldg. Annex Houston, Texas 77002	In support of the "Jack L. Bangs Memorial Fund". Value of stock at close of market on December 22, 1976.	105 shares of Exxon Corp. Capital Stock \$ 5,369.03

TO 8831
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GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is respectfully requested for the following grants and agreements.

1. Amendment to Cooperative Agreement between The University of Texas Health Science Center at Houston and The University of Sao Paulo extending the agreement for an additional year until December 15, 1977. The total agreement period is December 16, 1974 through December 15, 1977. This amendment was signed on behalf of the Houston Health Science Center by Charles A. Berry, M.D., President.

HOUSTON MEDICAL SCHOOL

1. Grant by which the American Medical Association, 535 North Dearborn Street, Chicago, Illinois 60610, provides \$500 for the period January 3, 1977 through February 25, 1977 for the 1977 Goldberger Scholarship in Clinical Nutrition Program for Tom Daniskas. Bruce MacFadyen, M.D., Associate Professor of Surgery, Medical School, is Program Director. This award was made on behalf of the American Medical Association by Cathy Cyborski, Section on Nutrition Education.
2. Grant by which The Upjohn Company, Kalamazoo, Michigan 49001, provides \$5,000 for support of Dr. Allan R. Katz's research of abortifacient studies. Allan R. Katz, M.D., Medical School, is Principal Investigator. The award was made on behalf of The Upjohn Company by Edward M. Southern, M.D., Medical Research Manager Fertility Research.
3. Grant by which the Pharmaceutical Manufacturers Association Foundation, Inc., 1155 Fifteenth Street, N.W., Washington, D.C. 20005, provides \$10,000 for the two-year period January 1, 1977 through December 31, 1978 (\$5,000 received as first installment) for support of a research project entitled, "The Pharmacology of the Synaptic Receptor for Gamma-Aminobutyric Acid (GABA) in the Mammalian Central Nervous System". Salvatore J. Enna, Ph.D., Assistant Professor, Department of Neurobiology and Anatomy, Medical School, is Program Director. This award was made on behalf of Pharmaceutical Manufacturers Association Foundation, Inc., by C. Joseph Stetler, President.
4. Grant by which The Duncan Foundations, Suite 2318, Transco Tower, 2700 South Post Oak Road, Houston, Texas 77027, provides \$58,488 for support of research entitled, "The Lillian and Charles Duncan Research Grant for Investigation of Factors Effecting Atherogenesis". The overall objectives of the proposed research are to investigate the effects of renin activity and hypertension on systemic arterial compliance and atherogenesis. Merrill L. Overturf, Ph.D., Associate Professor of Medicine, Department of Internal Medicine, Medical School, is Program Director. This award was made on behalf of The Duncan Foundations by Ruth Griffin.
5. Grant by which the Pharmaceutical Manufacturers Association Foundation, Inc., 1155 Fifteenth Street, N.W., Washington, D.C. 20005, provides \$10,000 for the two-year period January 1, 1977 through December 31, 1978 (\$5,000 installment for first year has been received) for support of a research project entitled, "The Search for a Dopamine-Sensitive Adenylate Cyclase in the Median Eminence and the Possible Action of Antipsychotic Drugs". Yvonne Clement-Cormier, Ph.D., Department of Pharmacology, Medical School, is Program Director. This award was made on behalf of the Pharmaceutical Manufacturers Association Foundation, Inc., by C. Joseph Stetler, President.

6. Letter of Agreement for Grant 2-117 by which The National Foundation - March of Dimes, 1275 Mamaroneck Avenue, White Plains, New York 10605, provides \$46,596 for the period January 1, 1977 through December 31, 1977 for continued support of research entitled, "Birth Defects Medical Service Program". Eugene W. Adcock, III, M.D., Department of Pediatrics, Medical School, is Program Director. This Letter of Agreement was signed on behalf of the Houston Health Science Center by Edward J. McLaughlin, Ph.D., Vice President for Operations and Planning.

7. Consortium Agreement between The University of Texas Health Science Center at Houston and Rice University whereby it is agreed that it is of the highest interest of both parties to provide assistance to the other when required in order to obtain research agreements of a cooperative nature from the United States Department of Health, Education and Welfare and other Federal Departments, Agencies, or Subdivisions effective August 30, 1976 until terminated by either party by giving 90 days written notice. The agreement was signed on behalf of the Houston Health Science Center by Charles A. Berry, M.D., President.

PUBLIC HEALTH SCHOOL

1. Grant by which the San Jacinto Lung Association, 2901 West Dallas, Houston, Texas 77019, provides \$500 for the period January 1, 1977 through April 30, 1977 for support of a project entitled, "San Jac TB Association Breath Study". The objective of this project is the participation in the development of standards for pulmonary function-single breath tests for children 7 - 19 years of age in the Houston Independent School District. Bart P. Hsi, Ph.D., Department of Biometry, School of Public Health, is Program Director. This award was made on behalf of the San Jacinto Lung Association by James E. Trussell, Jr., Executive Vice President.

HOUSTON DIVISION OF CONTINUING EDUCATION

1. Contract between The University of Texas Health Science Center at Houston, Division of Continuing Education and Region IV Education Service Center whereby Region IV Education Service Center provides \$38,500, including indirect costs, for the period January 1, 1977 through August 31, 1977 for the Division of Continuing Education to plan, develop and conduct specified in-service opportunities for Houston Independent School District personnel who are associated with young handicapped children. Alberta L. Anderson, M.P.H., Division of Continuing Education, is Program Director. This award was made on behalf of the Education Service Center by Mrs. Tommye Davidson, Director for Instructional Services.

GRANTS, CONTRACTS AND AGREEMENTS (STATE): Approval is respectfully requested for the following contracts.

1. Interagency Cooperation Contract IAC (76-77) - 1925 between The University of Texas Health Science Center at Houston (Receiving Agency) and University of Houston (Performing Agency) whereby Performing Agency makes available to Receiving Agency its Hofheinz Pavilion for the period 12:01 p.m., June 10, 1977 through 12:01 a.m., June 12, 1977 for rehearsals and graduation exercises. Performing Agency will be reimbursed for the actual cost of utilizing said facility not to exceed a total amount of \$2,500. The contract was signed on behalf of the Houston Health Science Center by G. C. Franklin, Vice President for Business Affairs, and was approved by the State Board of Control on February 10, 1977.

HOUSTON MEDICAL SCHOOL

1. Amendment No. 3 to Title XX Family Planning Contract No. 111-09-P-00 between The University of Texas Health Science Center at Houston, Medical School and the State Department of Public Welfare changing the certifying agency from "Blue Cross/Blue Shield of Texas" to "National Insurance Company" effective January 1, 1977. Berel Held, M.D., Chairman, Department of Obstetrics and Gynecology, is Program Director. The amendment was signed on behalf of the Houston Health Science Center by Edward J. McLaughlin, Ph.D., Vice President for Operations and Planning.

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THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)
Board of Regents' Meeting April 15, 1977

The following grants and contracts have been approved by the Chief Administrative Officer and are hereby submitted for ratification by the Board of Regents.

HOUSTON MEDICAL SCHOOL

1. Research Grant 1 R03 MH-29739-01 by which the Department of Health, Education and Welfare, National Institute of Mental Health provides \$5,000 for the period December 15, 1976 through November 30, 1977 for support of a research project entitled, "Exploration of Blood Gamma-Aminobutyric Acid". The objective of this research is to verify the presence of this neurotransmitter in blood and to determine whether blood GABA derives primarily from the central nervous system. Salvatore J. Enna, Ph.D., Assistant Professor of Neurobiology, Medical School, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

2. Research Grant 7 R26 CA-22370-01 (formerly 2 R26 CA-15434-04) by which the Department of Health, Education and Welfare, National Cancer Institute provides \$64,330, plus applicable indirect costs, for the period January 1, 1977 through December 31, 1977 for support of a research project entitled, "Antigenic Stimulus in Human Colon Carcinoma Immunity". The goal of this project is the elucidation of the chemical and biologic nature of colonic adenocarcinoma tumor-specific surface membrane antigens which are capable of provoking cell-mediated immune reactions against colon tumors. Barry D. Kahan, Ph.D., M.D., Professor, Department of Surgery, Medical School, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

3. Research Scientist Development Grant 5 K02 MH-00047-03 by which the Department of Health, Education and Welfare, National Institute of Mental Health provides \$29,267, including indirect costs, for the period March 1, 1977 through February 28, 1978 for continued support of a research project entitled, "Social Factors and Disease - Mexican-American Health". The primary aim of this research is to acquire and analyze data on the physical and mental health status of defined populations of Mexican-Americans and to compare their health characteristics to those of other ethnic groups in the same communities. The total project period is March 1, 1975 through February 28, 1980. Robert E. Roberts, Ph.D., Associate Professor, Medical School, is Awardee and Louis A. Faillace, M.D., Chairman, Department of Psychiatry, is Department Head. The majority of expenditures from this award will be made in Harris County.

4. Modification No. 2 to Contract 271-75-3067 by which the Department of Health, Education and Welfare, National Institute on Drug Abuse provides an additional \$17,703 for a total contract amount of \$117,181 for a five-month extension making the total contract period June 27, 1975 through May 26, 1977 and amends Article I - Description of Work for continued support of a project entitled, "Animal Model for Studying the Toxicological and Pharmacological Effects Resulting from Exposure to Volatile Substances". Richard G. Peterson, Ph.D., Department of Neurostructure and Function, Medical School, is Principal Investigator. The amendment was signed on behalf of the Houston Health Science Center by Edward J. McLaughlin, Ph.D., Vice President for Operations and Planning. The majority of expenditures from this award will be made in Harris County.

HOUSTON DENTAL BRANCH

1. Research Grant 1 R01 DE-04337-01 by which the Department of Health, Education and Welfare, National Institute of Dental Research provides \$20,092, plus applicable indirect costs, for the period January 1, 1977 through December 31, 1977 for support of a research project entitled, "Human Gingival Lysosomes In Vivo and In Vitro". The objective of this study is to obtain further knowledge on the structure and identification of autophagic and heterophagic lysosomes of human gingival keratinocytes and fibrocytes (in vivo and in vitro). The total project period is January 1, 1977 through December 31, 1979. George C. Rose, M.D., Professor, Dental Branch, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

2. Research Grant 1 R23 DE-04646-01 by which the Department of Health, Education and Welfare, National Institute of Dental Research provides \$9,990, plus applicable indirect costs, for the period January 1, 1977 through December 31, 1977 for support of a research project entitled, "The Central Mechanisms of Dental Pain and Analgesia". The objective of this research is to provide a more clear understanding of the mechanisms of orofacial pain and analgesia whereby a rational approach to the neuropharmacological or neurosurgical management of orofacial pain can be developed. The total project period is January 1, 1977 through December 31, 1979. James K. Nakamura, Ph.D., Assistant Professor of Pharmacology, Dental Branch, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

HOUSTON GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

1. Research Grant 1 R01 CA-19311-01 by which the Department of Health, Education and Welfare, National Cancer Institute provides \$132,349, plus applicable indirect costs, for the period February 1, 1977 through January 31, 1978 for support of a research project entitled, "Genetic Epidemiology of Cancer in a Mexican-American Community". The objective of this research is to seek to describe the genetic epidemiology of cancer in a Mexican-American population that is sufficiently small and comprehensively documented to ascertain effectively all genealogies, whose economic and sociocultural characteristics are well known, and that is known to have rates of cancer different from Texas and the United States in general. The total project period is February 1, 1977 through January 31, 1981. Kenneth M. Weiss, Ph.D., Assistant Professor, and William J. Schull, Ph.D., Director and Professor, Center for Demographic and Population Genetics, Graduate School of Biomedical Sciences, are Co-Principal Investigators. The majority of expenditures from this award will be made in Harris County.

2. Research Grant 5 R01 GM-20293-05 by which the Department of Health, Education and Welfare, National Institute of General Medical Sciences provides \$27,000, plus applicable indirect costs, for the period February 1, 1977 through January 31, 1978 for continued support of a research project entitled, "Population Dynamics of Mutant Genes". The primary objective of the research is to develop mathematical theories of population dynamics of mutant genes by considering the molecular properties of genes and proteins and apply the theories developed to human and other populations. The total project period is September 1, 1972 through January 31, 1979. Masatoshi Nei, Ph.D., Center for Demographic and Population Genetics, Graduate School of Biomedical Sciences, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

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PUBLIC HEALTH SCHOOL

1. Grant 5 A04 AH-02122-02 Revision 1 by which the Department of Health, Education and Welfare, Bureau of Health Manpower authorizes a carry-over of \$663 from previous year for a total amount of this award of \$28,458 for the period July 1, 1976 through June 30, 1977 for support of a project entitled, "Community Health Service". The total project period is July 1, 1975 through June 30, 1977. Janet M. Schreiber, Ph.D., School of Public Health, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.
2. Grant 5 A04 AH-02123-02 Revision 1 by which the Department of Health, Education and Welfare, Bureau of Health Manpower revises amount of award to \$78,543 less \$11,636 carry-over from previous year for a total award of \$66,907 for the period July 1, 1976 through June 30, 1977 for continued support of a project entitled, "Environmental Health Services". The total project period is July 1, 1975 through June 30, 1979. Leslie A. Chambers, Ph.D., Department of Environmental Health, School of Public Health, is Program Director. The majority of expenditures from this award will be made in Harris County.
3. Research Grant 1 R01 HL-20244-01 by which the Department of Health, Education and Welfare, National Heart, Lung and Blood Institute provides \$76,684, plus applicable indirect costs, for the period January 1, 1977 through December 31, 1977 for support of a research project entitled, "The Impact of Hypertension Information". The objective of this study is to determine the impact of hypertension education, management and awareness in the community. The total project period is January 1, 1977 through June 30, 1978. Gary R. Cutter, Ph.D., Assistant Professor of Biometry, School of Public Health, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.
4. Research Grant DEB 76-81444 by which the National Science Foundation, Washington, D.C. 20550, provides \$41,000 for the period February 1, 1977 through July 31, 1979 for support of research entitled, "Analysis of the Foraging Behavior of Selected Desert Rodents". This research will apply high resolution radio-tracking techniques to test the hypothesis that the two congeneric rodent species of the earlier study have eliminated interspecific competition by exploiting resources in different habitat patches. Gene D. Schroder, Ph.D., Assistant Professor of Ecology, School of Public Health, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

Amendments to the 1976-77 Operating Budget
Board of Regents' Meeting April 15, 1977

Approval is respectfully requested for the following amendments to the 1976-77 Operating Budget.

Business Manager

1. Increase the salary of John David Vise, Budget Officer in the Health Science Center, Office of the Business Manager from an annual rate of \$21,500.00 to an annual rate of \$22,800.00 effective February 1, 1977. Funds needed are to come from Unallocated Administrative and Professional Salaries. (RBC-425)

Data Processing

2. Create the position of Computer Operator I in the Health Science Center, Office of Data Processing at an annual salary rate of \$7,632.00 effective December 1, 1976. Funds needed are to come from the departmental Computer Rental and Purchased Services account. (RBC-354)

Internal Audit

3. Change the status and increase the salary of Jacqueline G. Gilliam in the Health Science Center, Internal Audit Department from Auditor III at an annual rate of \$16,440.00 to Internal Auditor at an annual rate of \$18,000.00 effective December 1, 1976. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-356)

School of Public Health Student Records

4. Transfer \$3,000.00 from the School of Public Health, Department of Biometry - Maintenance and Operation to the Department of Student Records - Maintenance and Operation to provide operating funds during fiscal year 1976-77. (RBC-405)

5. Increase the salary of Lois B. Monroe, Assistant to the Dean in the School of Public Health, Department of Student Records from an annual rate of \$18,000.00 to an annual rate of \$18,600.00 effective February 1, 1977. Additional funds needed are to come from the School of Public Health, Department of Behavioral Sciences - Faculty Salaries. (RBC-430)

Physical Plant General Services - Special Equipment Repair

6. Change the status and increase the salary of Frederick Fischer in the Health Science Center from Warehouse Worker in the Department of General Stores and Receiving at an annual rate of \$7,380.00 to Electronic Technician in the Department of Physical Plant General Services - Special Equipment Repair at an annual rate of \$10,308.00 effective January 17, 1977. Funds needed are to come from departmental Classified Salaries. (RBC-391)

Security

7. Change the status and increase the salary of Malcolm C. Davis in the Health Science Center, Department of Security from Police Cadet at an annual salary rate of \$8,436.00 to Police Officer at an annual rate of \$10,656.00 effective December 10, 1976. Funds needed are to come from departmental Classified Salaries. (RBC-350)

Security (Continued)

8. Change the status and increase the salary of Dominick A. Albano in the Health Science Center, Department of Security from Police Cadet at an annual salary rate of \$8,436.00 to Police Officer at an annual rate of \$10,656.00 effective December 10, 1976. Funds needed are to come from departmental Classified Salaries. (RBC-351)

HOUSTON MEDICAL SCHOOLINSTRUCTIONAL ADMINISTRATIONSpace Planning Division

1. Transfer \$8,262.00 from the Medical School Program Planning and Systems Analysis Division - Classified Salaries to Space Planning Division - Classified Salaries to provide funds for transfer of a Job Coordinator position from Program Planning to Space Planning Division during fiscal year 1976-77. (RBC-343)

ANALYTIC SCIENCESBiochemistry and Molecular Biology

2. Appoint George Rickey Welch as Research Scientist in the Medical School, Department of Biochemistry and Molecular Biology at an annual salary rate of \$14,000.00 effective January 1, 1977 through June 30, 1977. Funds needed are to come from departmental Faculty Salaries. (RBC-361)

3. Appoint George M. Carman as Research Fellow in the Medical School, Department of Biochemistry and Molecular Biology at an annual salary rate of \$10,000.00 effective January 1, 1977. Funds needed are to come from NIH Grant 2 R01 GM-20478-04. (RBC-374)

4. Appoint Akinori Ohta as Research Fellow in the Medical School, Department of Biochemistry and Molecular Biology at an annual salary rate of \$10,000.00 effective January 1, 1977. Funds needed are to come from NIH Grant 2 R01 GM-20478-04. (RBC-375)

5. Change the status and increase the salary of Frances E. Leland in the Medical School, Department of Biochemistry and Molecular Biology from Research Technician I at an annual rate of \$6,456.00 to Research Technician II at an annual rate of \$8,724.00 effective March 1, 1977. Additional funds needed are to come from Medical School Unallocated Classified Salaries. (RBC-438)

Neurobiology and Anatomy

6. Appoint Yvonne C. Clement-Cormier (non-tenure) as Instructor part-time (50%) in the Medical School, Department of Neurobiology and Anatomy and part-time (50%) in the Department of Pharmacology at an annual salary rate of \$18,000.00 effective January 1, 1977. Funds needed are to come from Neurobiology and Anatomy - Faculty Salaries (\$6,000.00) and from Pharmacology - Equipment (\$6,000.00). (RBC-379)

7. Change the status and decrease the salary of Robert McClung in the Medical School, Department of Neurobiology and Anatomy from Research Technician III part-time (50%) at an annual salary rate of \$13,008.00 to Teaching and Research Assistant part-time (25%) at an annual rate of \$10,416.00 effective December 1, 1976. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-435)

Pharmacology

8. Transfer \$8,266.64 from the Medical School, Department of Pharmacology - Equipment to Faculty Salaries to provide funds for salary support of a Faculty Member during fiscal year 1976-77. (RBC-371)

Pharmacology (Continued)

9. Accept the resignation of Paul M. Epstein, Research Fellow part-time (33.33%) in the Medical School, Department of Pharmacology at an annual salary rate of \$12,000.00 effective January 7, 1977. (RBC-388)

Physiology

10. Extend the appointment of Donald W. Duszynski, Senior Research Scientist part-time (33.3%) in the Medical School, Department of Physiology at an annual salary rate of \$25,200.00 effective January 1, 1977 through January 15, 1977. Funds needed are to come from NIH Grant 5 R01 AI-11361-04. (RBC-359)

11. Change the status and increase the salary of Leonard R. Johnson (tenure) in the Medical School, Department of Physiology from Professor at an annual rate of \$34,700.00 to Acting Chairman and Professor at an annual rate of \$37,700.00 effective January 1, 1977. (This compensation rate increase is to provide an administrative salary supplementation of \$3,000.00 per year for the period that Dr. Johnson functions as Acting Chairman of Physiology.) Additional funds needed are to come from departmental Faculty Salaries. (RBC-362)

12. Accept the resignation of Eugene D. Jacobson (tenure) Professor and Chairman in the Medical School, Department of Physiology at an annual salary rate of \$44,700.00 effective January 11, 1977. (RBC-377)

CLINICAL SCIENCESAnesthesiology

13. Transfer \$3,000.00 from the Medical School, Department of Anesthesiology - Maintenance and Operation to Travel to provide funds for travel expenses during fiscal year 1976-77. (RBC-393)

14. Create the position of Research Technician III in the Medical School, Department of Anesthesiology at an annual salary rate of \$10,656.00 effective January 1, 1977. Funds needed are to come from Medical School Central Services - Word Processing, Classified Salaries. (RBC-412)

15. Change the status of Leticia Q. Carlos in the Medical School, Department of Anesthesiology from Clinical Fellow at an annual salary rate of \$20,000.00 to Clinical Fellow on leave of absence without pay for the period February 19, 1977 through March 6, 1977. (RBC-424)

Internal Medicine - Hematology

16. Transfer \$3,042.00 from the Medical School, Department of Internal Medicine - General, Faculty Salaries to the Department of Internal Medicine - Hematology, Administrative and Professional Salaries to provide funds for a partial change in source of salary support for a Research Scientist during fiscal year 1976-77. (RBC-413)

Internal Medicine - Infectious Diseases

17. Appoint John J. Vollet III (non-tenure) as Assistant Professor in the Medical School, Department of Internal Medicine - Infectious Diseases at an annual salary rate of \$20,000.00 effective January 1, 1977. Funds needed are to come from departmental Faculty Salaries. (RBC-370)

Neurology

18. Change the status of Gage VanHorn in the Medical School, Department of Neurology from Associate Professor (non-tenure) at a total annual compensation rate of \$46,600.00 (\$36,000.00 General Budget funds and \$10,600.00 Permissive Augmentation funds) to Associate Professor (tenure) at the same annual rate effective January 1, 1977. (RBC-410)

Pathology

19. Increase the total compensation of Syed M. Qadri (non-tenure) Assistant Professor part-time (54%) in the Medical School, Department of Pathology and part-time (46%) in the School of Allied Health Sciences, Department of Medical Laboratory Sciences Education from an annual rate of \$24,300.00 (\$20,800.00 General Budget funds and \$3,500.00 Permissive Augmentation funds) to an annual rate of \$25,800.00 (\$20,800.00 General Budget funds and \$5,000.00 Permissive Augmentation funds) effective January 1, 1977. Additional funds needed are to come from MSRDP - Pathology, Permissive Augmentation. (RBC-349)
20. Accept the resignation of Sushma Mahajan (non-tenure) Assistant Professor in the Medical School, Department of Pathology at an annual salary rate of \$35,000.00 effective December 31, 1976. (RBC-360)
21. Accept the resignation of Bruce MacKay (non-tenure) Associate Professor part-time (29%) in the Medical School, Department of Pathology at an annual salary rate of \$32,000.00 (total compensation rate \$46,000.00) effective December 31, 1976. Dr. MacKay is employed part-time at M. D. Anderson Hospital and will become a full-time employee there. (RBC-363)
22. Accept the resignation of Karl R. Fox (non-tenure) Assistant Professor in the Medical School, Department of Pathology at an annual total compensation rate of \$38,500.00 (\$29,000.00 General Budget funds and \$9,500.00 Permissive Augmentation funds) and as Assistant Professor without salary and without tenure in the School of Allied Health Sciences, Department of Medical Laboratory Sciences Education effective January 30, 1977. (RBC-395)

Pediatrics

23. Change the status and increase the salary of Judy E. Perkin in the Medical School, Department of Pediatrics from Research Statistical Aide part-time (50%) at an annual salary rate of \$7,896.00 to Therapeutic Dietitian at an annual rate of \$10,656.00 effective January 1, 1977. Funds needed are to come from the WIC Program. (RBC-367)
24. Accept the resignation of Corinne M. Jones (non-tenure) Lecturer part-time (40%) in the Medical School, Department of Pediatrics at an annual salary rate of \$25,600.00 effective December 31, 1976. (RBC-376)
25. Increase the salary of Joan W. Stoerner, Clinical Fellow in the Medical School, Department of Pediatrics from an annual rate of \$12,060.00 (Federal Grant funds) to an annual rate of \$13,260.00 (90.95% Federal Grant funds and 09.05% General Budget funds) effective January 1, 1977. Additional funds needed are to come from departmental Classified Salaries. (RBC-386)
26. Increase the salary of Michael H. Malloy, Clinical Fellow in the Medical School, Department of Pediatrics from an annual rate of \$12,060.00 to an annual rate of \$13,260.00 effective January 1, 1977. Additional funds needed are to come from the Medical School Capitation Grant. (RBC-389)
27. Appoint Margaret C. McNeese (non-tenure) as Assistant Professor in the Medical School, Department of Pediatrics at a total annual compensation rate of \$32,000.00 (\$30,000.00 General Budget funds and \$2,000.00 Permissive Augmentation funds) effective February 1, 1977. Funds needed are to come from departmental Faculty Salaries (\$17,500.00) and MSRDP - Pediatrics, Permissive Augmentation (\$1,166.62). (RBC-436)

Psychiatry

28. Accept the resignation of Harish P. Porecha, Fellow in the Medical School, Department of Psychiatry at an annual salary rate of \$13,000.00 effective November 13, 1976. (RBC-348)
29. Appoint Neil Edwards (non-tenure) as Associate Professor in the Medical School, Department of Psychiatry at a total annual compensation rate of \$50,000.00 (\$36,000.00 General Budget funds and \$14,000.00 Permissive Augmentation funds) effective April 1, 1977. Funds needed are to come from Health Science Center Unallocated Appropriations - Faculty Salaries (\$15,000.00) and MSRDP - Psychiatry, Permissive Augmentation (\$5,833.30). (RBC-417)

Radiology

30. Transfer \$2,000.00 from the Medical School, Department of Radiology - Maintenance and Operation to Travel to provide funds for travel expenses during fiscal year 1976-77. (RBC-392)

Surgery - General

31. Appoint Charles T. VanBuren (non-tenure) as Instructor in the Medical School, Department of Surgery - General at an annual total compensation rate of \$36,000.00 (\$28,000.00 General Budget funds and \$8,000.00 Permissive Augmentation funds) effective December 1, 1976. Funds needed are to come from Surgery - Orthopedics, Faculty Salaries (\$20,999.97) and MSRDP - Surgery, Permissive Augmentation (\$6,000.03). (RBC-369)
32. Accept the resignation of George R. Burt, Assistant to the Chairman in the Medical School, Department of Surgery - General part-time (33%) and MSRDP - Surgery part-time (67%) at an annual salary rate of \$21,400.00 effective January 17, 1977. (RBC-394)
33. Create the position of Administrative Assistant I in the Medical School, Department of Surgery - General at an annual salary rate of \$11,016.00 effective January 17, 1977. Funds needed are to come from the Medical School, Department of Surgery - Orthopedics, Faculty Salaries. (RBC-400)
34. Appoint Cathy Macek as Pre-Doctoral Fellow in the Medical School, Department of Surgery - General at an annual salary rate of \$4,400.00 effective January 1, 1977. Funds needed are to come from Grant 7 R26 CA-22370-01. (RBC-418)

Surgery - Otolaryngology

35. Accept the resignation of Pedro A. Jimenez, Clinical Fellow in the Medical School, Department of Surgery - Otolaryngology at an annual salary rate of \$14,600.00 effective December 31, 1976. (RBC-411)

COMMUNITY HEALTH SCIENCESCommunity Medicine

36. Appoint James A. Chappell (non-tenure) as Professor in the Medical School, Department of Community Medicine at a total annual compensation rate of \$42,500.00 (\$35,000.00 General Budget funds and \$7,500.00 Permissive Augmentation funds) effective February 15, 1977. Funds needed are to come from departmental Faculty Salaries (\$18,958.29) and MSRDP - Community Medicine, Permissive Augmentation (\$4,062.50). (RBC-437)

Family Practice

37. Appoint Bert D. Garrett (non-tenure) as Instructor in the Medical School, Department of Family Practice at a total annual compensation rate of \$30,000.00 (\$29,000.00 General Budget funds and \$1,000.00 Permissive Augmentation funds) effective February 1, 1977. Funds needed are to come from Health Science Center Unallocated Appropriations - Faculty Salaries (\$16,916.69) and MSRDP - Family Practice, Permissive Augmentation (\$583.31). (RBC-387)

38. Transfer \$2,000.00 from the Medical School, Department of Family Practice - Maintenance and Operation to Travel to provide funds for travel during fiscal year 1976-77. (RBC-409)

HOUSTON DENTAL BRANCHSCHOOL OF DENTISTRYGeneral Practice

1. Appoint Hugh Philip Pierpont (non-tenure) as Assistant Professor in the Dental Branch, Department of General Practice at an annual salary rate of \$16,000.00 effective February 15, 1977. Funds needed are to come from Capitation Grant No. 06S-000392-11. (RBC-407)

Medicine - Endodontics

2. Accept the resignation of Daniel V. Regan (non-tenure) Clinical Assistant Professor part-time (20%) in the Dental Branch, Department of Medicine - Endodontics at an annual salary rate of \$16,000.00 effective January 7, 1977. (RBC-372)

Medicine - Periodontics

3. Cancel the appointment of Sam A. Winkelmann, Jr. (non-tenure) Clinical Assistant Professor part-time (10%) in the Dental Branch, Department of Medicine - Periodontics at an annual salary rate of \$21,000.00 effective December 17, 1976. (RBC-373)

4. Appoint Fred P. Massey (non-tenure) as Clinical Assistant Professor part-time (10%) in the Dental Branch, Department of Medicine - Periodontics at an annual salary rate of \$21,000.00 effective January 1, 1977 through June 30, 1977. Funds needed are to come from departmental Faculty Salaries. (RBC-385)

Medicine - Roentgenology

5. Appoint Charles M. Webb (non-tenure) as Assistant Professor in the Dental Branch, Department of Medicine - Roentgenology at an annual salary rate of \$20,000.00 effective January 1, 1977. Funds needed are to come from Capitation Grant 06S-000392-11. (RBC-384)

Preventive Dentistry - Community Dentistry

6. Cancel the appointment of Edward Stanton Key (non-tenure) Assistant Professor in the Dental Branch, Department of Preventive Dentistry - Community Dentistry at an annual salary rate of \$19,000.00 and as Assistant Professor without salary and without tenure in the Dental Assisting Program effective January 1, 1977. (RBC-352)

Preventive Dentistry - Pedodontics

7. Change the status and increase the salary of Linda D. Lott in the Dental Branch, Department of Preventive Dentistry - Pedodontics from Second Year Resident (Dental) at an annual rate of \$10,740.00 to Assistant Professor (non-tenure) at an annual rate of \$22,000.00 effective January 1, 1977. Funds needed are to come from departmental Faculty Salaries. (RBC-358)

Restorative Dentistry - Fixed Multiple Restorations

8. Appoint Jolly M. Johnson (non-tenure) as Assistant Professor in the Dental Branch, Department of Restorative Dentistry - Fixed Multiple Restorations at an annual salary rate of \$16,000.00 effective February 7, 1977. Funds needed are to come from departmental Faculty Salaries. (RBC-403)

Restorative Dentistry - Unit Restorations

9. Appoint Gary D. Abercrombie (non-tenure) as Instructor in the Dental Branch, Department of Restorative Dentistry - Unit Restorations at an annual salary rate of \$16,000.00 effective February 1, 1977. Funds needed are to come from departmental Faculty Salaries. (RBC-408)

Surgery

10. Accept the resignation of Hubert W. Woodward (tenure) Professor in the Dental Branch, Department of Surgery at an annual salary rate of \$31,300.00 effective December 31, 1976. Dr. Woodward will retain his appointment as Clinical Associate without tenure and without salary in the Medical School, Department of Surgery - Dental. (RBC-364)

11. Accept the resignation of Chung Minh Nguyen (non-tenure) Clinical Instructor part-time (50%) in the Dental Branch, Department of Surgery at an annual salary rate of \$12,000.00 effective February 28, 1977. (RBC-423)

DENTAL ASSISTING PROGRAM

12. Appoint Gail L. Kottle as Clinical Instructor without salary and without tenure in the Dental Branch, Dental Assisting Program effective January 3, 1977. Ms. Kottle will continue to be appointed as Dental Hygienist (Classified) in the Dental Branch, Department of Preventive Dentistry - Community Dentistry at an annual salary rate of \$11,388.00. (RBC-406)

HOUSTON GRADUATE SCHOOL OF BIOMEDICAL SCIENCESINSTRUCTIONGeneral Instruction

1. Transfer \$18,500.00 from the Graduate School of Biomedical Sciences, Office of the Dean - Administrative and Professional Salaries to the Department of General Instruction - Classified Salaries to provide funds for Graduate Assistant positions for the remainder of the 1976-77 fiscal year. (RBC-380)

Sensory Sciences Center

2. Appoint Jaime A. Castano as Senior Research Associate in the Graduate School of Biomedical Sciences, Sensory Sciences Center at an annual salary rate of \$10,000.00 effective January 1, 1977. Funds needed are to come from National Science Foundation Grant BNS-76-07854. (RBC-390)

HOUSTON ALLIED HEALTH SCIENCES SCHOOLINSTRUCTIONBiomedical Communications

1. Change the status and increase the salary of David E. Rupnow (non-tenure) in the School of Allied Health Sciences, Department of Biomedical Communications from Assistant Professor and Coordinator at an annual salary rate of \$18,200.00 to Assistant Professor and Director at an annual rate of \$20,000.00 effective January 1, 1977. Additional funds needed are to come from departmental Faculty Salaries. Dr. Rupnow will continue to be appointed Assistant Professor without salary and without tenure in the Medical School, Department of Biomedical Communications. (RBC-381)

Community Nutrition Dietetics

2. Appoint Saroj M. Bahl as Assistant Professor without salary and without tenure in the School of Allied Health Sciences, Department of Community Nutrition Dietetics effective January 1, 1977. Dr. Bahl will continue to be appointed as Research Associate (Classified) in the Medical School, Department of Education and Research Computer Services at an annual salary rate of \$14,376.00. (RBC-383)

PUBLIC HEALTH SCHOOLINSTRUCTIONAL ADMINISTRATIONAssociate Dean for Research

1. Increase the salary of Marjorie Forster, Assistant to the Dean in the School of Public Health, Office of Associate Dean for Research from an annual rate of \$18,000.00 to an annual rate of \$18,600.00 effective February 1, 1977. Additional funds needed are to come from the School of Public Health, Department of Behavioral Sciences - Faculty Salaries. (RBC-433)

Associate Dean for Student Affairs

2. Increase the salary of Elizabeth M. Chadderdon, M.P.H., Assistant to the Dean in the School of Public Health, Office of Associate Dean for Student Affairs from an annual rate of \$16,800.00 to an annual rate of \$17,400.00 effective February 1, 1977. Additional funds needed are to come from the School of Public Health, Department of Behavioral Sciences - Faculty Salaries. (RBC-432)

INSTRUCTIONBiometry

3. Accept the resignation of Porter R. Parris, M.P.H., Research Associate in the School of Public Health, Department of Biometry at an annual salary rate of \$17,500.00 effective February 28, 1977. (RBC-421)

4. Increase the salary of Wei-Wei Kao, M.S., Research Associate in the School of Public Health, Department of Biometry from an annual rate of \$12,500.00 to an annual rate of \$13,100.00 effective February 1, 1977. Funds needed are to come from Public Health Service Research Grant # 3 R01 HS-01653-02S1. (RBC-439)

5. Increase the salary of Robert H. Winter, Research Associate in the School of Public Health, Department of Biometry from an annual rate of \$13,100.00 to an annual rate of \$13,700.00 effective February 1, 1977. Funds needed are to come from HEW Grant N01-AH-14063. (RBC-442)

Biometry (Continued)

6. Increase the salary of Robert L. Jackson, Research Associate part-time (50%) in the School of Public Health, Department of Biometry from an annual rate of \$13,600.00 to an annual rate of \$14,200.00 effective February 1, 1977. Funds needed are to come from HEW Grant N01-AH-14063. (RBC-443)

Human Ecology

7. Transfer \$3,000.00 from the School of Public Health, Department of Epidemiology - Maintenance and Operation to the Department of Human Ecology - Maintenance and Operation to provide operating funds during fiscal year 1976-77. (RBC-404)

8. Appoint George R. Kerr, M.D., (tenure) as Professor of Nutrition and Director of the Institute of Nutrition in the School of Public Health, Department of Human Ecology at an annual salary rate of \$47,000.00 effective July 1, 1977. Funds needed are to come from departmental Faculty Salaries. (RBC-422)

HOUSTON NURSING SCHOOLINSTRUCTIONGeneral Instruction

1. Extend the leave of absence without pay for Karen B. Heusinkveld (non-tenure) Assistant Professor in the School of Nursing, Department of General Instruction from January 1, 1977 through January 9, 1977. (RBC-345)

2. Change the status and increase the salary of Karen B. Heusinkveld (non-tenure) in the School of Nursing, Department of General Instruction from Assistant Professor on leave of absence without pay to Assistant Professor at a (nine-months) salary rate of \$17,500.00 effective January 10, 1977. Funds needed are to come from departmental Faculty Salaries. 1976-77 Budgeted Salary Rate: \$15,600.00. (RBC-346)

3. Appoint Deanna Grimes (non-tenure) as Instructor in the School of Nursing, Department of General Instruction at an annual (nine-months) salary rate of \$13,000.00 effective January 10, 1977 through May 31, 1977. Funds needed are to come from departmental Faculty Salaries. (RBC-368)

4. Transfer \$4,160.00 from the School of Nursing, Office of the Dean - Classified Salaries to General Instruction - Classified Salaries to provide funds for transfer of a Clerk Typist I position from the Dean's Office to the Department of General Instruction during fiscal year 1976-77. (RBC-378)

SPEECH AND HEARING INSTITUTEINSTRUCTIONGeneral Instruction

1. Transfer \$3,118.50 from Speech and Hearing Institute Unallocated Classified Salaries to the Speech and Hearing Institute, Department of General Instruction - Classified Salaries to provide funds for a change in source of salary support for a Secretary III part-time (44.5%) from designated funds to state funds during fiscal year 1976-77. (RBC-365)

General Instruction (Continued)

2. Change the status of Mary E. Hayden in the Speech and Hearing Institute, Department of General Instruction from Psychological Associate at an annual salary rate of \$13,452.00 to Research Fellow at the same annual rate effective January 1, 1977. Funds needed are to come from departmental Classified Salaries. (RBC-366)
3. Create the position of Communications Specialist - Clinician part-time (50%) in the Speech and Hearing Institute, Department of General Instruction at an annual salary rate of \$14,376.00 effective January 1, 1977. Funds needed are to come from Health Science Center Unallocated Appropriations - Classified Salaries. (RBC-382)

LIBRARYSCHOOL OF PUBLIC HEALTHLibrary

1. Increase the salary of Stephanie Z. Normann, M.S.L.S., Librarian in the School of Public Health, Department of Library from an annual rate of \$16,800.00 to an annual rate of \$17,400.00 effective February 1, 1977. Additional funds needed are to come from the School of Public Health, Department of Behavioral Sciences - Faculty Salaries. (RBC-429)

ORGANIZED RESEARCHINSTITUTE OF ENVIRONMENTAL HEALTH

1. Accept the resignation of Clayton W. Eifler, M.A. (non-tenure) Faculty Associate in the School of Public Health, Institute of Environmental Health at an annual salary rate of \$15,600.00 effective December 31, 1976. (RBC-357)
2. Accept the resignation of James T. Hecht, Research Associate in the School of Public Health, Institute of Environmental Health at an annual salary rate of \$15,000.00 effective January 21, 1977. (RBC-399)
3. Appoint Marta Lia Gorchs (non-tenure) as Faculty Associate part-time (50%) in the School of Public Health, Institute of Environmental Health at an annual salary rate of \$16,000.00 effective February 1, 1977. Funds needed are to come from departmental Faculty Salaries. (RBC-416)

HOUSTON DIVISION OF CONTINUING EDUCATIONINSTRUCTIONGeneral Instruction

1. Change the status and increase the salary of Kay S. Murray in the Division of Continuing Education, Department of General Instruction from Health Educator at an annual salary rate of \$9,336.00 to Resources Specialist at an annual rate of \$14,100.00 effective December 1, 1976. Funds needed are to come from Division of Continuing Education, Office of the Dean - Administrative and Professional Salaries. 1976-77 Budgeted Salary Rate: \$9,972.00. However, employee was carried forward into 1976-77 fiscal year at 1975-76 rate of \$9,336.00. (Revised RBC-344)

General Instruction (Continued)

2. Transfer \$13,925.00 from the Division of Continuing Education, Office of the Dean - Administrative and Professional Salaries to General Instruction - Administrative and Professional Salaries to provide funds for a change in source of salary support for Administrative and Professional personnel from grant funds to state funds during fiscal year 1976-77. (RBC-347)
3. Appoint Alice L. Bane as Psychologist part-time (50%) in the Division of Continuing Education, Department of General Instruction at an annual salary rate of \$16,800.00 effective January 1, 1977. Funds needed are to come from Instructional Development Contract UTHSC No. 1-16600-902031-06. (RBC-419)
4. Appoint Peggy Amante as Health Educator part-time (50%) in the Division of Continuing Education, Department of General Instruction at an annual salary rate of \$15,500.00 effective February 1, 1977 through May 31, 1977. Funds needed are to come from BHE/CDC Contract UTHSC No. 2-14600-902093-06. (RBC-420)

ORGANIZED ACTIVITIES RELATED TO INSTRUCTIONMEDICAL SCHOOL ANALYTICAL CHEMISTRY CENTER

1. Transfer \$10,000.00 from Medical School Equipment Fund - Equipment to the Medical School Analytical Chemistry Center - Maintenance and Operation to provide additional operating funds during fiscal year 1976-77. (RBC-415)

DENTAL BRANCH INSTRUCTIONAL DEVELOPMENT SERVICES

2. Accept the resignation of Gayla R. Woodliff, Technical Writer, in the Dental Branch, Department of Instructional Development Services at an annual salary rate of \$10,100.00 effective February 7, 1977. (RBC-434)

SCHOOL OF PUBLIC HEALTH AUDIO-VISUAL SERVICES

3. Transfer \$4,000.00 from the School of Public Health, Department of Epidemiology - Maintenance and Operation (\$3,000.00) and from the Department of Biometry - Maintenance and Operation (\$1,000.00) to the Department of Audio-Visual Services - Maintenance and Operation (\$3,000.00) and to the Office of the Dean - Maintenance and Operation (\$1,000.00) to provide operating funds during fiscal year 1976-77. (RBC-414)

SCHOOL OF PUBLIC HEALTH EDUCATION AND RESEARCH COMPUTER SERVICES

4. Increase the salary of Huber E. Bray, Assistant Research Computer Scientist, in the School of Public Health, Department of Education and Research Computer Services from an annual rate of \$25,400.00 to an annual rate of \$26,000.00 effective February 1, 1977. Additional funds needed are to come from the School of Public Health, Department of Behavioral Sciences - Faculty Salaries. (RBC-431)

DENTAL SCIENCE INSTITUTE

1. Appoint Bruce A. Peters as Postdoctoral Fellow in the Dental Branch, Dental Science Institute at an annual salary rate of \$12,000.00 effective December 1, 1976. Funds needed are to come from NIH Grant 5 R01 DE-04172-02. (RBC-353)
2. Cancel the appointment of Vishnu N. Katiyar, Postdoctoral Fellow, in the Dental Branch, Dental Science Institute at an annual salary rate of \$12,000.00 effective November 1, 1976. (RBC-355)

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THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

Board of Regents' Meeting April 15, 1977

CLINICAL FACULTY AND OTHER ACADEMIC APPOINTMENTS
WITHOUT SALARY AND WITHOUT TENURE
FISCAL YEAR ENDING AUGUST 31, 1977HOUSTON MEDICAL SCHOOL

ANESTHESIOLOGY

Assistant Professor

Jacques F. Dupuis, M.D.
Thomas R. Kain, M.D.
Iraj Shaham, M.D.
Billie F. Strother, M.D.

Instructor

Preyarat T. Phitayakorn, M.D.
Wan-Biu Yeung, M.D.

Clinical Assistant Professor

Eduardo Fernandez-Domingez, M.D.

DERMATOLOGY

Clinical Assistant Professor

Charles E. Fenner, M.D.
Carl Barth Rountree, M.D.
Jimmy D. Schmidt, M.D.
Margaret Waisman, M.D.*

INTERNAL MEDICINE

Professor

Gerald P. Bodey, M.D.*

Clinical Associate Professor

Richard H. Jackson, M.D.*

Clinical Assistant Professor

George M. Hewell, M.D.
Henry W. Shanoff, M.D.

Clinical Instructor

George G. Burnazian, M.D.
Luis T. Campos, M.D.
Craig D. Johnson, M.D.

NEUROLOGY

Clinical Associate Professor

Ninan T. Mathew, M.D.
Bernard M. Patten, M.D.*

NEUROLOGY (Continued)

Clinical Assistant Professor

Stephen Goldstein, M.D.
Roger M. Morrell, M.D.
Victor M. Rivera, M.D.

OBSTETRICS AND GYNECOLOGY

Clinical Assistant Professor

Sam Balat, M.D.
O. Scott Hume, M.D.
Gabriel Perry, M.D.

OPHTHALMOLOGY

Clinical Associate Professor

Louis J. Girard, M.D.

Clinical Instructor

Richard L. Kimbrough, M.D.

PEDIATRICS

Assistant Professor

Jerry James Swaney, M.D.

Instructor

Steven Jerry Culbert, M.D.

Clinical Professor

Robert A. Gardner, M.D.
George W. Salmon, M.D.*

Clinical Associate Professor

David O. Childers, M.D.*
Elton Dupree, M.D.*
Robert H. Hardie, M.D.*
Leonard S. Hoffman, M.D.*
William H. Mack, M.D.
Edward G. Rizk, M.D.*
David Schrum, M.D.*

*Denotes Promotion

PEDIATRICS (Continued)Clinical Assistant Professor

Robert F. Austin, M.D.
 Jme T. Guehring, M.D.*
 Edward K. Massin, M.D.
 Jerry W. Moye, M.D.*
 Milton H. Nirken, M.D.
 Catherine J. E. Roett, M.D.
 John E. Washer, M.D.

PHARMACOLOGY

Professor

Gerald P. Bodey, M.D.*

PSYCHIATRY

Assistant Professor

Richard H. Lucas, Ph.D.

Lecturer

Herman E. Detering, Ph.D.

Clinical Assistant Professor

Edwards U. McReynolds, M.D.
 Robert C. Smith, M.D., Ph.D.
 Thomas C. Welu, Ph.D.

RADIOLOGY

Clinical Assistant Professor

Mark Albert Fleming, M.D.
 Stanley Novy, M.D.

REPRODUCTIVE MEDICINE AND BIOLOGY

Visiting Scientist

Dr. Narpal S. Ujwal**

SURGERY

Instructor

Eduardo A. Souchon, M.D.

COMMUNITY MEDICINE

Clinical Assistant Professor

Ronald A. Haley, M.D., M.P.H.

*Denotes Promotion

**Temporary Appointment --
 9/1/76 - 2/28/77

FAMILY PRACTICE

Clinical Instructor

Charles G. Holmsten, M.D.

LIBRARY SCIENCE

Adjunct Assistant Professor

Sara Jean Jackson

Adjunct Instructor

Merry Penelope Worley

HOUSTON DENTAL BRANCH

MEDICINE - ROENTGENOLOGY

Clinical Associate Professor

Stewart C. Bushong, D.D.S.

SURGERY

Clinical Professor

Hubert W. Woodward, D.D.S.

HOUSTON GRADUATE SCHOOL OF
BIOMEDICAL SCIENCES

GENERAL INSTRUCTION

Adjunct Assistant Professor

Michael Alan McCormick, Ph.D.
 Calvin J. McLerran, Ph.D.

ALLIED HEALTH SCIENCES SCHOOL

BIOMEDICAL COMMUNICATIONS

Associate Professor

Harold Levine, B.A., M.P.A.

Assistant Professor

Barbara Johnson, Ph.D.
 J. Maurice Mahan, Ph.D.

Faculty Associate

Norman T. Welford, B.A., M.A.

MEDICAL TECHNOLOGY

Clinical Instructor

Barbara Davis*
 Margaret Spruell*

NURSE ANESTHESIA EDUCATION

Instructor

Preyaratt T. Phitayakorn, M.D.
Wan-Biu Yeung, M.D.

Adjunct Professor

Edwin Roberts, D.D.S.

RESPIRATORY THERAPY EDUCATION

Instructor

Rual Albert Rowe
Wan-Biu Yeung, M.D.

PUBLIC HEALTH SCHOOL

ADMINISTRATIVE SCIENCES

Adjunct Professor of International
Health

Robert T. Jensen, M.D.

Adjunct Associate Professor of
Health Services Administration

William F. Smith, M.S.

Adjunct Associate Professor of
Occupational Health

Roy L. Gibson, Jr., M.D.
Raymond T. Moore, M.D.

EPIDEMIOLOGY

Adjunct Professor of Epidemiology

Charles R. Webb, Jr., M.D.

HUMAN ECOLOGY

Adjunct Assistant Professor of
Nutrition

Cutberto Garza, Ph.D.



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The University of Texas
Health Science Center at San Antonio
7703 Floyd Curl Drive
San Antonio, Texas 78284

ce of the President

Phone: (512) 696-6105

March 15, 1977

Mr. E. D. Walker
Deputy Chancellor
The University of Texas
System
601 Colorado Street
Austin, Texas 78701

Dear Mr. Walker:

The docket for the April 15, 1977 meeting of the Board of Regents
is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely yours,

A handwritten signature in cursive script that reads "Frank Harrison".

Frank Harrison
President

FH:js

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO

R X A

GIFTS: Acceptance is recommended for the following gifts which have been received:

San Antonio Health Science Center

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. Robert J. Kleberg, Jr. and Helen C. Kleberg Foundation Kingsville, Texas 78363	School of Nursing Scholarships	\$10,000.00
2. *Pennwalt Corporation South Street Holmdel, New Jersey 07733	Panorex radiographic unit Department of Diagnosis and Roentgenology	\$ 9,600.00
3. E. M. Stevens Great Western Loan and Trust Company One Thousand North Alamo San Antonio, Texas 78215	Pulmonary Diseases Research	\$ 9,670.00

*No letter of transmittal

R X A

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is requested for the following:

San Antonio Health Science Center

Abbott Laboratories
Abbott Park
North Chicago, Illinois 60064

1. Drug Study G76797
High Calorie Solutions Metabolism, Intravenous Maltose, Constant Radioactive Infusion: Single Infusion, Effect of Insulin
Dr. Elliot Weser, Department of Medicine
\$8,357.00
January 15, 1977 - June 15, 1977

DIFCO Laboratories
P. O. Box 1058 A
Detroit, Michigan 48232

2. Drug Study
Development of Rapid Diagnostic Methods for the Diagnosis of Bacterial Meningitis
Dr. James H. Jorgensen, Department of Pathology
\$3,850.00
February 1, 1977 - January 31, 1978

San Antonio Health Science Center

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GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) (continued)

Hoffman-La Roche, Inc.
Nutley, New Jersey 07110

3. Drug Study
Evaluation of Abuscreen RIA for Cocaine Metabolite
Dr. Jack E. Wallace, Department of Pathology
\$8,200.00
Approximately six (6) months

Lincoln Laboratories, Inc.
Laboratory Park Box 1139
Decatur, Illinois 62525

4. Subcontract to Contract N01-CB-43954
Delayed Hypersensitivity Skin Test Antigens Administered with Multi-Test Applicator
Dr. William T. Kniker, Department of Pediatrics
\$39,276.00
July 30, 1976 - July 29, 1977

Marion Laboratories, Inc.
10236 Bunker Ridge Road
Kansas City, Missouri 64137

5. Drug Study - Protocol 053-976-5
Efficacy and Safety of Nitro-BID 6.5 (Nitroglycerin, Sustained Release) In Patients with Angina Pectoris
Dr. Robert A. O'Rourke, Department of Medicine
\$13,000.00
October 15, 1976 - July 31, 1977

McNeil Laboratories, Inc.
Camp Hill Road
Fort Washington, PA. 19034

6. Drug Study
A Phase III, Collaborative, Open Study of TOLECTIN Tolmetin Sodium Preparation in the Treatment of Osteoarthritis of the Spine
Dr. John T. Harrington, Department of Medicine
\$15,304.80
No date specified

Syntex Laboratories, Inc.
Stanford Industrial Park
Palo Alto, California 94303

7. Drug Study
Lidex-E in Psoriasis: Multicenter Study Labs 16-6278
Dr. D. E. Vander Ploeg, Department of Medicine
\$3,600.00
No date specified

San Antonio Health Science CenterGRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) (continued)

The Purdue Frederick Company
50 Washington Street
Norwalk, Connecticut 06856

8. Drug Study
Double-Blind Culture-Controlled Evaluation of Betadine Solution Swabsticks, Betadine Vaginal Gel and Betadine Douche: Primary Herpes Genitalis
Dr. Ronald S. Gibbs, Department of Obstetrics and Gynecology
\$4,400.00
No date specified

W. K. Kellogg Foundation
400 North Avenue
Battle Creek, Michigan 49016

9. Family Nurse Practitioner Program
Dr. Patty Hawken, School of Nursing
\$64,000.00
September 1, 1976 - August 31, 1977

Behavioral and Social Systems, Inc.
Arnold, Maryland

10. Sub-Contract
Evaluation Services for the National Child Day Care Association Contract
Dr. Harold Dickson, Department of Psychiatry
\$20,750.00
October 1, 1976 - September 30, 1977

Cancer Therapy and Research
Foundation of South Texas
4450 Medical Drive
San Antonio, Texas 78229

11. Agreement
Services of Radiologist as Director of Radiation Therapy and Director of Medical Education
Dr. Thomas C. Pomeroy, Department of Radiology
\$30,000.00 first year, \$25,000 second year, \$20,000 annually thereafter
Annually beginning November 1, 1976

Paraplegia Foundation of Arizona
Box 2668
Phoenix, Arizona 85002

12. Agreement
Continuing Studies on Functional Recovery Following Spinal Cord Injuries
Dr. Eduardo Eidelberg, Department of Surgery
\$42,407.00
May 1, 1977 - April 30, 1978

San Antonio Health Science CenterGRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) (continued)

National Child Day Care Association
Washington, D. C.

13. Contract
Evaluation of Early and Periodic Screening, Diagnosis and Treatment Demonstration
Dr. Harold Dickson, Department of Psychiatry
\$110,000.00
October 1, 1976 - September 30, 1977

T. Howard Crockett Associates
Seattle, Washington

14. Contract
Formulation of Methods and Procedures for Evaluation of Research Activities Programmed for EPSDT Demonstration Projects
Dr. Harold Dickson, Department of Psychiatry
\$13,292.00
January 10, 1977 - November 30, 1977

The Robert A. Welch Foundation
2010 Bank of the Southwest Bldg.
Houston, Texas 77002

15. Grant AQ-541
Chemical Approaches to the Determination of Ribosomal Topography
Dr. John C. Lee, Department of Biochemistry
\$30,000.00
June 1, 1977 - May 31, 1979

GRANTS, CONTRACTS AND AGREEMENTS (OTHER): Approval is requested for the following:

The Bexar County Hosptial District
4502 Medical Drive
San Antonio, Texas 78284

1. Agreement
Professional Services - Associate Executive Director
Dr. Frank Harrison, Office of the President
\$25,000.00
January 1, 1977 - December 31, 1977
2. Agreement No. 8
General Management Services
Dr. Frank Harrison, Office of the President
\$45,500.00
January 1, 1977 - December 31, 1977

San Antonio Health Science CenterGRANTS, CONTRACTS AND AGREEMENTS (OTHER) (continued)

Bexar County Board of Trustees for
Mental Health Mental Retardation Services
San Antonio, Texas

Change in Agreement Previously Approved:

3. Agreement
Psychiatric Consultation Services to Residents of the Southeast and Southwest Catchment Areas
Dr. Robert L. Leon, Department of Psychiatry
Additional Funds: \$18,688.00
Extension of time to November 30, 1977

Community Guidance Center of Bexar County
San Antonio, Texas

4. Agreement
Child Psychiatry Services
Dr. Robert L. Leon, Department of Psychiatry
\$7,000.00
July 1, 1976 - June 30, 1977

GRANTS, CONTRACTS AND AGREEMENTS (STATE): Approval is requested for the following:

Texas Department of Mental Health
and Mental Retardation
Box 12668 Capitol Station
Austin, Texas 78711

1. Grant DD-7150
Education of Patients with Epilepsy
Dr. John P. Allen, Department of Medicine
\$30,000.00
December 1, 1976 - November 30, 1977

San Antonio State Hospital of The Texas
Department of Mental Health Mental Retardation
San Antonio, Texas

2. Interagency Contract No. (76-77)-1886
Transactional Analysis '101' Workshop
Dr. Frank Harrison, Office of the President
\$200.00
January 21, 1977 - January 22, 1977
3. Interagency Contract (76-77)-1846
Continuing Education Conferences for Professions Staff
Dr. Frank Harrison, Office of the President
\$3,000.00
January 3, 1977 - August 31, 1977

San Antonio Health Science Center

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GRANTS, CONTRACTS AND AGREEMENTS (STATE) (continued)

The University of Texas System
Cancer Center
Houston, Texas 77030

Change in Subcontract Previously Approved:

4. Subcontract to Contract N01-CN-45150
Cancer Control Radiologic Physics Center
Dr. Robert Waggener, Department of Radiology
Additional Funds: \$1,655.00
Extension of time to June 29, 1977

The University of Texas Medical
Branch at Galveston
Galveston, Texas 77550

Change in Subcontract Previously Approved:

5. Modification No. 1 to Subcontract No. UTMB 76-1
Support of Area Health Education Center
Dr. Patty Hawken, School of Nursing
Additional Funds: \$32,692.00
Extension of time to July 31, 1977

The University of Texas Health
Science Center at Dallas
Dallas, Texas

6. Interagency Contract No. (76-77)-1917
Use of Medical Computing Resources Center by the San Antonio Health Science Center
Frank Harrison, Office of the President
\$15,000.00
February 4, 1977 - August 31, 1977

Texas A&M University
College Station, Texas 77843

7. Interagency Contract No. (76-77)-1927
Purchase of Audiovisual Programs
Frank Harrison, Office of the President
\$600.00
February 15, 1977 - August 31, 1977

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THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO
FEDERAL GRANTS AND CONTRACTS
April 15, 1977 Meeting

GRANTS AND CONTRACTS (FEDERAL): Approval is requested for the following:

San Antonio Health Science Center

Department of Health, Education and Welfare

Public Health Service

1. Research Grant 5 R01 HL17783-03
Complex Carbohydrates; Structure, Function, Synthesis
To investigate the individual reactions involved in the assembly of the oligosaccharide chain of aorta glycoproteins
Dr. Alan D. Elbein, Department of Biochemistry
February 1, 1977 - January 31, 1978
\$22,724.00 New Money: \$21,357.00
Bexar County, Texas
2. Research Grant 5 R01 HL12415-09
Evaluation of Left Ventricular Function
To evaluate reflex regulation of the circulation by determining the relative roles played by both arterial baroreceptors and cardiopulmonary receptors during specified physiological alterations
Dr. Vernon S. Bishop, Department of Pharmacology
February 1, 1977 - January 31, 1978
\$50,491.00 New Money: \$50,155.00
Bexar County, Texas
3. Research Grant 5 R01 HL18852-02
Biochemical Studies on the Blood Coagulation Process
To continue studies on the biochemical characterization of Factor V and to investigate its role in the blood coagulation process
Dr. Donald J. Hanahan, Department of Biochemistry
April 1, 1977 - March 31, 1978
\$54,504.00
Bexar County, Texas
4. Research Grant 1 R01 HL20939-01
Regulation of Fetal Hemoglobin Synthesis in Humans
To work toward an understanding of the regulatory mechanisms of hemoglobin switching at the molecular level
Dr. John C. Lee, Department of Biochemistry
April 1, 1977 - March 31, 1978
\$23,220.00
Bexar County, Texas
5. Grant 5 T32 GM07014-03
Research Fellowship Award in Clinical Pharmacology
To provide broad interdisciplinary training to prepare qualified candidates with doctoral degrees in medicine, pharmacology, pharmacy, toxicology and chemistry for careers in clinical pharmacology, drug metabolism, pharmacokinetics, and clinical toxicology
Dr. John L. McNay, Department of Pharmacology
July 1, 1977 - June 30, 1978
\$ 77,997.00 New Money: \$64,166.00
Bexar County, Texas

San Antonio Health Science Center

CONTRACTS AND GRANTS (FEDERAL) (continued)

- 6. Research Grant 2 R01 AM17476-04
Physiologic Regulation of Lipid Metabolism
 To study the hypothesis that modulation of hormonal response resides within the plasma membrane where molecular events occur coupling the external surface receptor-hormone interaction with the influx of substrate or release of messenger molecules into the cytoplasm
 Dr. Edward J. Masoro, Department of Physiology
 March 1, 1977 - February 28, 1978
 \$51,052.00
 Bexar County, Texas

- 7. Research Grant 5 R01 AM19473-02
Regulation of Energy Metabolism in Liver
 To understand more fully the many regulatory phenomena involved in the process of energy generation in a tissue such as liver
 Dr. Merle S. Olson, Department of Biochemistry
 March 1, 1977 - February 28, 1978
 \$18,061.00
 Bexar County, Texas

- 8. Research Grant 5 R01 CA20555-02
Analysis of Immune Response in Canine Lymphosarcomas
 To use lymphosarcoma-bearing dogs as a model system for studying spontaneous malignant tumors and the humoral and cell-mediated immune responses to tumor associated antigens
 Dr. Wendell D. Winters, Department of Microbiology
 March 1, 1977 - February 28, 1978
 \$39,049.00
 Bexar County, Texas

- 9. Training Grant 5 T32 CA09042-03
Mechanisms of Breast Cancer Growth and Regression
 Training grant for two post doctoral fellows
 Dr. William L. McGuire, Department of Medicine
 July 1, 1977 - June 30, 1978
 \$36,944.00 New Money: \$21,696.00
 Bexar County, Texas

- Change in Grant Previously Approved:
- 10. Training Grant 3 D10NU01036-03S1
Multi-Faceted Program for Continuing Education in NRSG
 Judith Shockley, School of Nursing
 September 1, 1976 - August 31, 1977
 Additional funds: \$53,275.00
 Bexar County, Texas

- 11. Research Grant 5 R01 DA00729-04
Analysis of Pharmacologic Agents in Biologic Specimens
 To develop sensitive and specific analytical techniques for determining cocaine and its primary metabolites in biologic specimens and to assess the incidence of cocaine use by screening autopsy specimens
 Dr. Jack E. Wallace, Department of Pathology
 March 1, 1977 - February 28, 1978
 \$46,032 New Money: \$45,859.00
 Bexar County, Texas

CONTRACTS AND GRANTS (FEDERAL) (continued)

12. Grant MC-B-480002-01-0
South Texas Comprehensive Hemophilia Center
To develop a comprehensive pediatric hemophilia diagnosis and treatment center to serve a thirty-nine county area of South Texas
Dr. Thomas A. Williams, Department of Pediatrics
January 1, 1977 - December 31, 1977
\$237,209.00
Bexar County, Texas
- Change in Grant Previously Approved:
13. Grant 06L480049-77 BHL30
Health Professions Student Loan - Dentistry
Frank Harrison, Office of the President
July 1, 1976 - June 30, 1977
Additional funds: \$12,551.00
Bexar County, Texas
- Change in Grant Previously Approved:
14. Grant 06L480045-77 BHL10
Health Professions Student Loan - Medicine
Frank Harrison, Office of the President
July 1, 1976 - June 30, 1977
Additional funds: \$17,495.00
Bexar County, Texas

Social and Rehabilitation Service

- Change in Contract Previously Approved:
15. Contract SRS-500-76-0519
Review of Shows for Treatment - EPSDT
Dr. Harold Dickson, Department of Psychiatry
Change ending date to March 31, 1977
No additional funds
Bexar County, Texas

Environmental Protection Agency

16. Order No CA-7-2498-J
Produce proceedings of the 4th Annual Noise Seminar
Dr. George B. Vaughan, Continuing Education
February 15, 1977 - July 31, 1977
\$3,000.00
Bexar County, Texas

National Science Foundation

17. Grant PCM76-14717
Mechanisms for the Reduction of Nitrogenous Oxides
To examine and identify the enzymes and related electron transport systems from Pseudomonas aeruginosa that are directly involved in the dissimilatory reduction of nitrogenous oxides
Dr. David C. Wharton, Department of Biochemistry
February 1, 1977 - January 31, 1979
\$70,000.00
Bexar County, Texas

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO
AMENDMENTS TO THE 1976-77 OPERATING BUDGET
 April 15, 1977 Meeting

REQUESTS FOR BUDGET CHANGE: Approval is requested for the following:

San Antonio Health Science Center

Office of the Dean of the Medical School

1. Change the status of Dr. Timothy N. Caris (non-tenure) as Associate Dean for Continuing Education paid 37.5% by the Health Science Center and 62.5% paid by the V.A. Hospital to Associate Dean for Continuing Education (non-tenure) paid 50% time from the Office of the Dean of the Medical School and Professor (tenure) paid 50% from the Department of Medicine Teaching Salaries effective January 2, 1977 as shown below:

	<u>Present Status</u>	<u>Revised Status</u>
Base Salary	\$16,912	\$45,100
V.A. Salary	25,500	
Total Salary	<u>42,412</u>	<u>45,100</u>
Permissive Augmentation	5,600	4,100
Total Compensation	<u>48,012</u>	<u>49,200</u>
Office of the Dean Rate	45,100#	
V.A. Rate	40,800#	

Funds needed for this change in the amount of \$2,655.42 in the Office of the Dean of the Medical School Administrative and Professional Salaries and \$14,972.58 in Medicine Teaching Salaries will be transferred from Unallocated Resident Instruction. Dr. Caris also serves as Professor (non-tenure) in the Department of Family Practice without salary. (RBC 361)

2. Change the status of Dr. Howard L. Zauder (tenure) from Professor and Chairman (100% time) in the Department of Anesthesiology to Professor and Chairman (50% time) in the Department of Anesthesiology and Associate Dean for Professional Affairs and Associate Executive Director for Professional Services at BCHD (50% time paid from BCHD Contract) in the Office of the Dean of the Medical School effective January 1, 1977 as shown below:

	<u>Present Status</u>	<u>Revised Status</u>
Base Salary	\$47,000	\$50,000
Permissive Augmentation	23,000	20,000
Total Compensation	<u>70,000</u>	<u>70,000</u>

Transfer unused Teaching Salaries in the amount of \$14,666.68 to Unallocated Resident Instruction. (RBC 372)

Anesthesiology

3. Accept the resignation of Dr. George E. Webb (non-tenure) as Associate Professor at an annual salary rate of \$31,500 and an annual permissive augmentation of \$17,500 effective the close of business December 31, 1976. Transfer unused Teaching Salaries in the amount of \$21,000 to Unallocated Resident Instruction. (RBC 345)

4. Accept the resignation of Dr. Eduardo Molina-Lamas (non-tenure) as Assistant Professor at an annual salary rate of \$30,000 and an annual permissive augmentation of \$10,000 effective the close of business December 31, 1976. Dr. Molina-Lamas was paid from a V.A. Contract. (RBC 346)

5. Appoint Dr. Robert Hodgkinson (tenure) as Associate Professor at an annual salary rate of \$37,000 and at an annual permissive augmentation rate of \$15,500 effective January 1, 1977. Dr. Hodgkinson will also serve as Associate Professor (without tenure) (without salary) in the Department of Obstetrics and Gynecology. Funds needed for this appointment in the amount of \$24,666.64 will be transferred from Unallocated Resident Instruction. (RBC 371)

San Antonio Health Science CenterAMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

6. Appoint Dr. David S. Hurwitz (non-tenure) as Assistant Professor at an annual salary rate of \$30,000 (paid 100% from the V.A. Contract) and an annual permissive augmentation of \$10,000 effective January 15, 1977. (RBC 390)

7. Appoint Dr. Somayaji Ramamurthy (non-tenure) as Associate Professor at an annual salary rate of \$37,000 and an annual permissive augmentation of \$17,000 effective January 15, 1977. Funds needed for this appointment in the amount of \$23,274.21 will be transferred from Unallocated Resident Instruction. (RBC 394)

Medicine

8. Promote and increase the annual salary rate of Dr. Robert N. Schnitzler from Assistant Professor (37.5% time) non-tenure and (62.5% time) as staff member at the V.A. Hospital to Associate Professor (with tenure) 37.5% time and staff member (62.5% time) at the V.A. Hospital effective January 1, 1977 as shown below:

	<u>Budgeted Amount</u>	<u>Revised Amount</u>
Base Salary	\$ 11,512	\$ 14,100
V.A. Salary	23,625	23,625
Total Salary	35,137	37,725
Permissive Augmentation	900	900
Total Compensation	36,037	38,625
Medicine Rate	30,700#	37,600#
V.A. Rate	37,800#	37,800#

Funds needed for this change in the amount of \$1,725.32 will be transferred from Unallocated Resident Instruction. (RBC 404)

Obstetrics and Gynecology

9. Accept the resignation of Dr. Marvin L. Chatkoff (non-tenure) as Assistant Professor (50% time) at an annual salary rate of \$28,000 and an annual permissive augmentation of \$2,300 effective the close of business January 15, 1977. Effective January 16, 1977 Dr. Chatkoff will be transferring 100% time to The University of Texas at San Antonio. Transfer unused teaching salaries in the amount of \$12,268.77 to Unallocated Resident Instruction. (RBC 373)

10. Promote and increase the annual salary rate of Mr. Lee A. Pasquali (non-tenure) from Research Assistant at an annual salary rate of \$9,972 to Programmer Analyst I at an annual salary rate of \$12,576 effective February 1, 1977. Mr. Pasquali will be paid from a National Foundation March of Dimes Grant. (RBC 397)

Psychiatry

11. Change the status of Dr. Lawrence A. Gaupp (non-tenure) from Assistant Professor without salary at the Health Science Center and a full-time staff member at the V.A. Hospital to Assistant Professor without salary and an annual permissive augmentation of \$1,000 at the Health Science Center and a full-time staff member at the V.A. Hospital effective December 1, 1976. (RBC 336)

12. Change the status of Dr. Stephen H. Getsinger (non-tenure) from Assistant Professor without salary at the Health Science Center and a full-time staff member at the V.A. Hospital to Assistant Professor without salary and an annual permissive augmentation of \$600 at the Health Science Center and a full-time staff member at the V.A. Hospital effective December 1, 1976. (RBC 337)

San Antonio Health Science CenterAMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

13. Increase the annual permissive augmentation of Dr. Jon H. Barrett (non-tenure) from Assistant Professor without salary and an annual permissive augmentation of \$1,000 at the Health Science Center and a full-time staff member at the V.A. Hospital to Assistant Professor without salary and an annual permissive augmentation of \$2,400 at the Health Science Center and a full-time staff member at the V.A. Hospital effective December 1, 1976. (RBC 342)
14. Accept the resignation of Dr. Kenneth R. Bouillion (non-tenure) as Assistant Professor at an annual salary rate of \$18,100 and an annual permissive augmentation of \$1,000 effective the close of business December 31, 1976. Dr. Bouillion was paid from a San Antonio Children Center Contract. (RBC 343)
15. Accept the resignation of Dr. Lawrence A. Stone (non-tenure) as Clinical Associate Professor (paid 28% time from Psychiatry Teaching Salaries and 32% time from a BCHD Contract) at an annual salary rate of \$30,300 effective the close of business December 31, 1976. Transfer unused Teaching Salaries in the amount of \$5,656.00 to Unallocated Resident Instruction. (RBC 369)
16. Change the source of funds of Dr. Albert E. Riester (tenure) as Associate Professor at an annual salary rate of \$23,400 from 100% Bexar County Hospital District Grant to 100% Teaching Salaries for the period of January 1, 1977 through January 31, 1977. For the period of February 1, 1977 through August 31, 1977, change the source of funds to 25% time paid from Teaching Salaries and 75% time paid from a DHEW Grant. Dr. Riester will continue to be paid an annual permissive augmentation of \$3,000. Funds needed for this change in the amount of \$5,362.50 will be transferred from Unallocated Resident Instruction. (RBC 381)
17. Change the source of funds of Dr. Cervando Martinez (non-tenure) as Assistant Professor at an annual salary rate of \$35,500 from 50% Teaching Salaries and 50% Bexar County Hospital District Grant to 100% Teaching Salaries effective January 1, 1977. Dr. Martinez will continue to be paid an annual permissive augmentation of \$10,500 and will continue to serve as Assistant Professor (non-tenure) (without salary) in the Department of Family Practice. Funds needed for this change in the amount of \$11,833.28 will be transferred from Unallocated Resident Instruction. (RBC 382)
18. Change the source of funds of Dr. Joseph C. Kobos (tenure) as Assistant Professor (20% time) at an annual salary rate of \$21,200 from Bexar County Hospital District Grant to Teaching Salaries effective January 1, 1977. Dr. Kobos will continue to serve as Counselor (80% time) at an annual salary rate of \$21,200 in the Office of Student Services and will continue to be paid an annual permissive augmentation of \$5,000 by the Department of Psychiatry. Funds needed for this change in the amount of \$2,826.64 will be transferred from Unallocated Resident Instruction. (RBC 383)
19. Change the source of funds of Dr. Lewis H. Richmond (non-tenure) as Clinical Associate Professor (50% time) at an annual salary rate of \$29,900 from 50% paid from Bexar County Hospital District Contract to 28% paid from Teaching Salaries and 22% paid from a DHEW Grant effective January 1, 1977. Funds needed for this change in the amount of \$5,581.32 will be transferred from Unallocated Resident Instruction. (RBC 387)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

20. Appoint Dr. Donald N. Soderberg (non-tenure) as Assistant Professor (without salary) effective January 1, 1977. Dr. Soderberg serves as Assistant Professor of Management in the School of Business Administration the The University of Texas at San Antonio. (RBC 388)

21. Appoint Dr. Kyriakos S. Markides (non-tenure) as Assistant Professor at an annual salary rate of \$17,500 (Paid from a Texas Department of Public Welfare Grant) effective January 1, 1977. (RBC 393)

Radiology

22. Cancel the appointment due to the death of Dr. Robert E. Rousseau (non-tenure) as Associate Professor at an annual salary rate of \$40,000 (Paid from the BCHD Contract) and an annual permissive augmentation of \$15,000 effective the close of business January 31, 1977. Dr. Rousseau also served as Associate Professor (non-tenure) (without salary) in the Department of Diagnosis and Roentgenology. (RBC 395)

23. Accept the resignation of Dr. Samuel J. Nichols (non-tenure) as Instructor (12.5% time) at an annual salary rate of \$28,000 and staff member (87.5% time) at the V.A. Hospital and an annual permissive augmentation of \$2,674 effective the close of business February 11, 1977. Transfer unused Teaching Salaries in the amount of \$1,927.05 to Unallocated Resident Instruction. (RBC 405)

24. Appoint Dr. Geoffrey V. Ayre-Smith (non-tenure) as Assistant Professor at an annual salary rate of \$34,000 and an annual permissive augmentation of \$11,000 effective February 1, 1977. Funds needed for this appointment in the amount of \$19,833.31 will be transferred from Unallocated Resident Instruction. (RBC 407)

Surgery

25. Appoint Dr. Samuel C. Rawlings (non-tenure) as Assistant Professor at an annual salary rate of \$28,000 effective January 1, 1977. Dr. Rawlings will be paid from an Ophthalmology Research Fund. (RBC 365)

26. Appoint Dr. Lynn H. Banowsky (tenure) as Professor (62.5% time) and as staff member (37.5% time) at the V.A. Hospital effective January 17, 1977 as shown below:

	<u>Amount</u>
Base Salary	\$24,375
V.A. Salary	<u>14,782</u>
Total Salary	39,157
Permissive Augmentation	<u>18,000</u>
Total Compensation	57,157
Surgery Rate	39,000#
V.A. Rate	39.419#

Funds needed for this appointment in the amount of \$15,201.67 will be transferred from Unallocated Resident Instruction. (RBC 389)

Anatomy

27. Grant a leave of absence to Dr. Hou-Chi Dung (tenure) as Assistant Professor at an annual salary rate of \$24,100 (paid 95% time from Anatomy Teaching Salaries and 5% time from Graduate School Instruction Teaching Salaries) for the period of March 1, 1977 through July 31, 1977. Transfer unused Teaching Salaries from Anatomy Teaching Salaries in the amount of \$9,539.57 and from Graduate School Instruction Teaching Salaries in the amount of \$502.06 to Unallocated Resident Instruction. (RBC 349)

San Antonio Health Science CenterAMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)Biochemistry

28. Accept the resignation of Dr. Robert A. Weisman (tenure) as Professor at an annual salary rate of \$36,500 (paid 90% time Biochemistry Teaching Salaries and 10% time Graduate School Instruction Teaching Salaries) effective the close of business December 31, 1976. Transfer unused Biochemistry Teaching Salaries in the amount of \$21,900 and Graduate School Instruction Teaching Salaries in the amount of \$2,433.32 to Unallocated Resident Instruction. (RBC 347)

29. Change the source of funds of Dr. Madan G. Luthra (non-tenure) from Instructor at an annual salary rate of \$19,200 (paid from a DHEW Grant) to Instructor (paid 50% time from Biochemistry Teaching Salaries 25% time from Medicine Teaching Salaries and 25% time from a DHEW Grant) for the period of January 1, 1977 through June 30, 1977. Effective July 1, 1977, Dr. Luthra will return to his current status of being paid 100% time from a DHEW Grant. Funds needed for this change in the amount of \$4,800.00 in Biochemistry Teaching Salaries and \$2,400.00 in Medicine Teaching Salaries will be transferred from Unallocated Resident Instruction. (RBC 360)

30. Appoint Dr. Richard E. Beil (non-tenure) as Assistant Instructor at an annual salary rate of \$12,000 effective January 1, 1977 through May 31, 1977. Funds needed for this appointment in the amount of \$5,000 will be transferred from Unallocated Resident Instruction. (RBC 386)

31. Appoint Dr. Robert F. Williams (non-tenure) as Assistant Professor (without salary) effective February 1, 1977. Dr. Williams serves full time in the Division of Earth and Physical Sciences at The University of Texas at San Antonio. (RBC 396)

32. Appoint Dr. Neal C. Robinson (non-tenure) as Assistant Professor at an annual salary rate of \$25,000 effective February 1, 1977. Funds needed for this appointment in the amount of \$14,583.31 will be transferred from Unallocated Resident Instruction. (RBC 397)

Bioengineering

33. Appoint Dr. Clair W. Goldsmith (non-tenure) as Assistant Professor without salary in the Department of Bioengineering effective December 15, 1976. Dr. Goldsmith will continue to serve as Director of Computing Resources in the Office of the Computing Resources at an annual salary rate of \$38,000. (RBC 358)

Pathology

34. Appoint Mr. Stephen A. Zagorski (non-tenure) as Research Management Specialist (80% time) at an annual salary rate of \$17,000 (paid 48% time from Administrative and Professional Salaries and 32% time from a Southwest Foundation for Research and Education Grant) for the period of December 15, 1976 through April 30, 1977. Effective May 1, 1977, change Mr. Zagorski to 100% time (paid 60% time from Administrative and Professional Salaries and 40% time paid from a Southwest Foundation for Research and Education Grant). Funds needed for this appointment in the amount of \$6,492.91 will be transferred from Unallocated Resident Instruction. (RBC 348)

35. Appoint Dr. Richard S. Farr (non-tenure) as Visiting Professor (without salary) effective January 1, 1977 through June 30, 1977. (RBC 380)

San Antonio Health Science Center

AMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

36. Change the source of funds of Dr. James H. Jorgensen (non-tenure) as Assistant Professor at an annual salary rate of \$22,400 from 71% paid from Teaching Salaries and 29% paid from the Bexar County Hospital District Contract to 55.8% paid from Teaching Salaries and 44.2% paid from the Bexar County Hospital District Contract effective January 1, 1977. Dr. Jorgensen will continue to be paid a permissive augmentation of \$5,600 and will continue to serve as Assistant Professor (non-tenure) (without salary) in the Department of Microbiology. Transfer unused teaching salaries in the amount of \$2,269.88 to Unallocated Resident Instruction. (RBC 385)

37. Appoint Dr. James P. Robinson (non-tenure) as Assistant Professor at an annual salary rate of \$34,500 and an annual permissive augmentation of \$9,500 effective January 24, 1977. Funds needed for this appointment in the amount of \$20,867.04 will be transferred from Unallocated Resident Instruction. (RBC 391)

38. Change the status of Dr. Harvey A. Schwertner (non-tenure) from Assistant Professor at an annual salary rate of \$21,600 (paid 50% time from Pathology Teaching Salaries and 50% time from Pharmacology Teaching Salaries) to Assistant Professor at an annual salary rate of \$21,600 (paid 100% time from Pathology Teaching Salaries) effective February 1, 1977. Dr. Schwertner will continue to serve as Assistant Professor (non-tenure) without salary in the Department of Pharmacology. Funds needed for this change in the amount of \$6,300 will be transferred to Pathology Teaching Salaries from Unallocated Resident Instruction. Transfer unused Pharmacology Teaching Salaries in the amount of \$6,300 to Unallocated Resident Instruction. (RBC 400)

Pharmacology

39. Increase the annual salary rate of Dr. Klaus D. Haegele (non-tenure) as Assistant Professor (paid 70% time from Pharmacology Teaching Salaries and 30% time from an Anatomy DHEW Grant) from \$24,500 to \$26,400 effective January 1, 1977. Funds needed for this increase in the amount of \$886.68 will be transferred from Unallocated Resident Instruction. (RBC 370)

40. Accept the resignation of Dr. Norman W. Robie (non-tenure) as Assistant Professor at an annual salary rate of \$20,000 (paid 70% time from Teaching Salaries and 30% time from a DHEW Grant) effective the close of business January 31, 1977. Transfer unused teaching salaries in the amount of \$8,166.65 to Unallocated Resident Instruction. (RBC 392)

41. Change the status of Dr. David Lalka (non-tenure) from Assistant Professor at an annual salary rate of \$23,500 (paid 50% time from Pharmacology Teaching Salaries and 50% time from Pathology Teaching Salaries) to Assistant Professor at an annual salary rate of \$23,500 (paid 100% time from Pharmacology Teaching Salaries) effective February 1, 1977. Dr. Lalka will continue to serve as Assistant Professor (non-tenure) without salary in the Department of Pathology. Transfer unused Pathology Teaching Salaries in the amount of \$6,854.15 to Unallocated Resident Instruction. Funds needed for this change in the amount of \$6,854.15 will be transferred to Pharmacology Teaching Salaries from Unallocated Resident Instruction. (RBC 408)

San Antonio Health Science CenterAMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

42. Appoint Dr. Alan I. Samuels (non-tenure) as Assistant Professor at an annual salary rate of \$21,000 for the period of February 1, 1977 through June 29, 1977. Dr. Samuels is paid from a Southwest Texas Foundation Research and Education Contract. (RBC 409)

Office of the Dean of the Dental School

43. To correct item #34, p. HS-19, February 11, 1977 docket to read as follows:

Relieve Dr. Philip J. Boyne (non-tenure) of his duties as Dean of the Dental School at an annual salary rate of \$60,000 effective the close of business October 18, 1976. Dr. Boyne will continue to serve as Professor (tenure) at an annual salary rate of \$60,000 in the Department of Oral Surgery. This is an exception to the limit of \$45,000 for a Professor effective October 19, 1976 through August 31, 1977. Transfer the funds needed for this change in the amount of \$52,097 from Administrative and Professional Salaries in the Office of the Dean of the Dental School to Teaching Salaries in the Department of Oral Surgery. (Note: Dr. Boyne was relieved of his responsibilities as Dean of the Dental School by President Harrison on October 18, 1976.) (RBC 289)

Biomaterials

44. Appoint Dr. Charles E. Brukl (non-tenure) as Assistant Professor at an annual salary rate of \$26,000 effective January 18, 1977. Funds needed for this appointment in the amount of \$16,145.16 will be transferred from Unallocated Resident Instruction. (RBC 398)

Dental Anatomy

45. Appoint Dr. Robert S. Speer (non-tenure) as Clinical Instructor (20% time) at an annual salary rate of \$24,000 effective November 15, 1976. Funds needed for this appointment in the amount of \$3,813.32 will be transferred from Unallocated Resident Instruction. (RBC 340)

Diagnosis and Roentgenology

46. Appoint Dr. Terry L. Hoffman (non-tenure) as Clinical Instructor (20% time) at an annual salary rate of \$18,000 effective January 1, 1977. Funds needed for this appointment in the amount of \$2,400.00 will be transferred from Unallocated Resident Instruction. (RBC 352)

47. Appoint Dr. James A. Cottone (non-tenure) as Assistant Professor at an annual salary rate of \$26,000 effective February 15, 1977. Funds needed for this appointment in the amount of \$14,083.36 will be transferred from Unallocated Resident Instruction. (RBC 413)

Endodontics

48. Appoint Dr. David H. Masters (non-tenure) as Clinical Assistant Professor (10% time) at an annual salary rate of \$20,000 effective January 5, 1977. Funds needed for this appointment in the amount of \$1,311.86 will be transferred from Unallocated Resident Instruction. (RBC 353)

Operative Dentistry

49. Appoint Dr. Don B. Baynton (non-tenure) as Assistant Professor at an annual salary rate of \$29,000 effective December 6, 1976. Funds needed for this appointment in the amount of \$21,360.22 will be transferred from Unallocated Resident Instruction. (RBC 341)

San Antonio Health Science CenterAMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

50. Change the percent time and title of Dr. Adolph J. Murrey (non-tenure) from Clinical Assistant Professor (85% time) to Assistant Professor (100% time) effective January 10, 1977. Dr. Murrey will continue to be paid at an annual salary rate of \$27,800. Funds needed for this change in the amount of \$2,679.16 will be transferred from Unallocated Resident Instruction. (RBC 355)

51. Appoint Dr. Jack C. Patterson, Jr. (non-tenure) as Assistant Professor at an annual salary rate of \$29,500 effective January 1, 1977. Funds needed for this appointment in the amount of \$19,666.64 will be transferred from Unallocated Resident Instruction. (RBC 356)

52. Change the source of funds of Dr. James H. Zinck (non-tenure) as Assistant Professor at an annual salary rate of \$32,500 from 100% time paid from Operative Dentistry Teaching Salaries to 100% time paid from a DHEW Grant effective January 1, 1977. Transfer unused Teaching Salaries in the amount of \$21,666.68 to Unallocated Resident Instruction. (RBC 363)

Oral Surgery

53. To correct the percent time and annual stipend of Dr. Bruce Shapton's original appointment on 1975-76 fiscal year RBC #418 and his reappointment on 1976-77 fiscal year RBC #145 as Instructor (100% time) at an annual stipend of \$15,000 to Instructor (50% time). Effective January 1, 1977, promote Dr. Shapton from Instructor (50% time) to Assistant Professor (100% time) at an annual salary rate of \$25,000. Funds needed for this change in the amount of \$6,666.64 will be transferred from Unallocated Resident Instruction. Appoint Dr. Bruce Shapton (non-tenure) as Assistant Professor without salary in the Department of Surgery effective January 1, 1977. (RBC 357)

Special Instructional Program in DAU

54. Appoint Dr. Norman D. Ensminger (non-tenure) as Director of TEAM Program at an annual salary rate of \$28,000 effective December 13, 1976. Also, appoint Dr. Ensminger (non-tenure) as Assistant Professor without Salary in the Department of Operative Dentistry effective December 13, 1976. Funds needed for this appointment in the amount of \$20,096.74 will be transferred from Unallocated Resident Instruction. (RBC 351)

Graduate School Instruction - Pharmacology

55. Appoint Dr. Robert L. Polzin (non-tenure) as Assistant Instructor at an annual salary rate of \$12,000 effective February 1, 1977. Funds needed for this appointment in the amount of \$7,000 will be transferred from Unallocated Resident Instruction. (RBC 399)

Dental Hygiene Education

56. Change the percent time of Ms. Nita K. Zinnecker (non-tenure) as Clinical Instructor at an annual salary rate of \$12,000 from 60% to 80% for the period January 1, 1977 through May 31, 1977. For the period of June 1, 1977 through July 31, 1977 change Ms. Zinnecker from 80% time to without salary. For the period of August 1, 1977 through August 31, 1977 change Ms. Zinnecker from without salary to 90% time. Funds needed for these changes in the amount of \$100 will be transferred from Unallocated Resident Instruction. (RBC 375)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

57. Change the percent time of Ms. Mary J. Beckel (non-tenure) as Clinical Instructor at an annual salary rate of \$13,000 from 20% to 40% for the period January 1, 1977 through May 31, 1977. For the period of June 1, 1977 through July 31, 1977 change Ms. Beckel from 40% time to without salary. For the period of August 1, 1977 through August 31, 1977 change Ms. Beckel from without salary to 20% time. Funds needed for these changes in the amount of \$650 will be transferred from Unallocated Resident Instruction. (RBC 376)

58. Change the percent time of Ms. Cynthia A. Brown (non-tenure) as Clinical Instructor at an annual salary rate of \$12,000 from 20% to 40% for the period January 1, 1977 through May 31, 1977. For the period of June 1, 1977 through July 31, 1977 change Ms. Brown from 40% time to without salary. For the period of August 1, 1977 through August 31, 1977 change Ms. Brown from without salary to 60% time. Funds needed for these changes in the amount of \$1,000 will be transferred from Unallocated Resident Instruction. (RBC 377)

59. Change the percent time of Ms. Seita Feighny (non-tenure) as Clinical Instructor at an annual salary rate of \$12,000 from 20% to 40% for the period January 1, 1977 through May 31, 1977. For the period of June 1, 1977 through July 31, 1977 change Ms. Feighny from 40% time to without salary. For the period of August 1, 1977 through August 31, 1977 change Ms. Feighny from without salary to 60% time. Funds needed for these changes in the amount of \$1,000 will be transferred from Unallocated Resident Instruction. (RBC 378)

60. Change the percent time of Ms. Shirley R. Kimmel (non-tenure) as Assistant Instructor at an annual salary rate of \$11,000 from 20% to 40% for the period January 1, 1977 through May 31, 1977. For the period of June 1, 1977 through July 31, 1977 change Ms. Kimmel from 40% time to without salary. For the period of August 1, 1977 through August 31, 1977 change Ms. Kimmel from without salary to 50% time. Funds needed for these changes in the amount of \$825 will be transferred from Unallocated Resident Instruction. (RBC 379)

Dean of the Nursing School

61. Accept the resignation of Ms. Cloace F. McGill as Coordinator of Continuing Education at an annual salary rate of \$25,500 effective the close of business December 31, 1976. Ms. McGill will continue to serve as Associate Professor (tenure) in Nursing School Instruction at a nine month academic rate of \$19,125 for the period of January 1, 1977 through May 31, 1977. Funds needed for this change in the amount of \$10,625 will be transferred from Unallocated Resident Instruction to Nursing School Instruction Teaching Salaries. (RBC 374)

Nursing School Instruction

62. Change the status of Ms. Evangeline O'Sullivan (non-tenure) from Assistant Professor at a nine month academic rate of \$15,100 (paid 100% time from Teaching Salaries) to Assistant Professor at a nine month academic rate of \$15,100 (paid 86.8% time from Teaching Salaries and 13.2% time from a Texas Department of Community Affairs Contract) effective December 1, 1976. Transfer unused Teaching Salaries in the amount of \$1,328.80 to Unallocated Resident Instruction. (RBC 344)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

63. Change the percent time of Ms. Sally F. Baird (non-tenure) at an annual salary rate of \$13,500 from Special Research Coordinator (50% time) to Special Research Coordinator (100% time) for the period of January 10, 1977 to February 7, 1977. Effective February 8, 1977, Ms. Baird will return to her current status. Ms. Baird is paid from a Texas Department of Community Affairs Grant. (RBC 366)
64. Appoint Ms. Julie A. Meyer (non-tenure) as Instructor at a nine month academic rate of \$12,700 effective January 1, 1977. Funds needed for this appointment in the amount of \$7,055.55 will be transferred from Unallocated Resident Instruction. (RBC 362)
65. Grant a maternity leave of absence to Ms. Dana J. Miller (non-tenure) as Special Research Coordinator (50% time) at an annual salary rate of \$13,500 effective the close of business January 7, 1977. Ms. Miller is paid from a Texas Department of Community Affairs Grant. (RBC 367)
66. Appoint Ms. Nancy K. Maebius (non-tenure) as Instructor (25% time) at a nine month academic rate of \$14,100 effective January 1, 1977. Ms. Maebius also serves as an Assistant Project Director (50% time) at an annual salary rate of \$18,800 (paid from a DHEW Grant). Funds needed for this appointment in the amount of \$1,958.35 will be transferred from Unallocated Resident Instruction. (RBC 368)
67. Change the status and source of funds of Ms. Judith S. Shockley (tenure) as Assistant Professor from an annual salary rate of \$21,600 (paid 100% from the Multi-Faceted Approach to Continuing Education in Nursing Grant) to a nine month academic rate of \$16,200 (paid 50% from the Multi-Faceted Approach to Continuing Education in Nursing grant and 50% from Teaching Salaries) for the period of January 17, 1977 through May 31, 1977. Funds needed for this change in the amount of \$4,035.51 will be transferred from Unallocated Resident Instruction. (RBC 384)
68. Appoint Ms. Ernestine L. Shugart (non-tenure) as Assistant Project Director (50% time) at an annual salary rate of \$18,400 for the period of January 24, 1977 through May 31, 1977. Ms. Shugart is paid from a DHEW Grant. (RBC 401)
69. Change the percent time of Ms. Cassandra M. Smith (non-tenure) as Clinical Assistant Professor at a nine month academic rate of \$14,000 from 50% time to 75% time effective February 1, 1977. Funds needed for this change in the amount of \$1,555.58 will be transferred from Unallocated Resident Instruction. (RBC 402)
70. Grant a maternity leave of absence to Ms. Billie A. Lott (non-tenure) as Instructor at a nine month academic rate of \$13,200 effective the close of business of February 11, 1977. Transfer unused Teaching Salaries in the amount of \$5,290.40 to Unallocated Resident Instruction. (RBC 406)
71. Return from maternity leave of absence Ms. Dana J. Miller (non-tenure) as Special Research Coordinator (50% time) at an annual salary rate of \$13,500 effective February 8, 1977. Ms. Miller is paid from a Texas Department of Community Affairs Grant. (RBC 414)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

Laboratory Animal Resources

72. Accept the resignation of Dr. Benjamin D. Fremming (tenure) as Professor at an annual salary rate of \$36,600 (paid 88% time from Laboratory Animal Resources Teaching Salaries and 12% time from Bio-engineering Graduate School Instruction Teaching Salaries) and an annual permissive augmentation of \$3,900 effective the close of business January 17, 1977. Transfer unused Teaching Salaries from Laboratory Animal Resources in the amount of \$20,000.09 and from Bioengineering Graduate School Instruction in the amount of \$2,727.29 to Unallocated Resident Instruction. Dr. Fremming also served as Professor (non-tenure) without salary in the Department of Obstetrics and Gynecology. (RBC 364)

Library

73. Amend the appointment of Ms. Ellen V. Todd to serve as Head, Reference Section (66.67% time) at an annual salary rate of \$14,000 at The University of Texas Health Science Center at San Antonio for the period of January 17, 1977 through May 31, 1977. Effective June 1, 1977, Ms. Todd will return to full-time status at an annual salary rate of \$14,000 at The University of Texas Health Science Center at San Antonio. (RBC 410)

AMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

Approval is requested for the following summer school budget for the School of Nursing 1977 summer session:

Nursing School Instruction

74. To record the summer school budget for the School of Nursing 1977 summer session. Funds needed to support this budget in the amount of \$49,461 will be transferred from Summer Session Teaching Salaries to Teaching Salaries and the unused reserve of \$539 will be transferred from Summer Session Teaching Salaries to Unallocated Resident Instruction. (RBC 418)

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO

SCHOOL OF NURSING

Summer School Budget for Fiscal 1976-77SOURCE OF FUNDS

Summer Session Appropriation in 1976-77 Operating Budget	<u>\$50,000</u>
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APPLICATION OF FUNDS

School of Nursing 1977 Summer Session	\$49,461
Unallocated Resident Instruction	<u>539</u>
Total	<u>\$50,000</u>

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO

SCHOOL OF NURSING

MEMBER SCHOOL BUDGET FOR FISCAL 1976-77

<u>Title Name</u>	<u>Tenure</u>	<u>Academic Rate (9-Month)</u>	<u>% Time</u>	<u>Effective Dates</u> <u>From</u> <u>Thru</u>		<u>Amount</u>
<u>Associate Professor</u>						
Evelyn Anderson	T	\$19,100	100	6-01-77	7-15-77	\$ 3,183
Kathleen Boyle	T	20,000	16.7	6-01-77	7-15-77	556
Glenda Butnarescu		19,100	100	6-01-77	7-15-77	3,183
Dorothy Corona	T	21,100	100	6-01-77	6-15-77	1,172
Cloace McGill	T	19,125	50	7-16-77	8-31-77	1,594
Suellen Reed	T	18,300	100	6-01-77	7-15-77	3,050
<u>Assistant Professor</u>						
Suzanne Carreras		14,700	100	6-01-77	7-15-77	2,450
Carolyn Gunning		15,700	100	6-01-77	7-15-77	2,617
Jo N. Hegstad		14,900	100	6-01-77	7-15-77	2,483
Arthur Johnson		15,200	100	6-01-77	8-31-77	5,067
Lila Jordan		15,900	100	6-01-77	7-15-77	2,650
Dorothy Moses		14,700	66.7	6-01-77	7-15-77	1,633
Cassandra Smith		14,000	75	6-01-77	6-30-77	1,167
Delight Tillotson		14,500	100	7-16-77	8-31-77	2,417
Patty Villarreal		15,000	50	6-01-77	8-31-77	2,500
<u>Instructor</u>						
Patti Davidson		13,600	100	6-01-77	7-15-77	2,267
Rebecca Garcia		13,200	100	7-16-77	8-31-77	2,200

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO

SCHOOL OF NURSING

ER SCHOOL BUDGET FOR FISCAL 1976-77 (continued)

<u>Title</u> <u>Name</u>	<u>Tenure</u>	<u>Academic Rate</u> <u>(9-Month)</u>	<u>%</u> <u>Time</u>	<u>Effective Dates</u> <u>From</u> <u>Thru</u>		<u>Amount</u>
<u>Instructor</u>						
Mary L. Hansen		\$13,000	100	7-16-77	8-31-77	\$ 2,167
Brenda Jackson		12,700	100	7-16-77	8-31-77	2,117
Billie Lott		13,200	100	7-16-77	8-31-77	2,200
Helena McBride		13,200	100	7-16-77	8-31-77	2,200
Nancy Maebius		14,100	25	6-01-77	7-15-77	<u>588</u>

TOTAL NURSING SCHOOL INSTRUCTION SUMMER SCHOOL BUDGET----- \$49,461

San Antonio Health Science Center

AMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)

TRANSFER OF FUNDS

1.	Estimated Income (Glass Shop Services)	
	From: Credit for Sales and Services	\$7,500.00
	Budgeted Expenditures	
	To: Maintenance and Operation	500.00
	Travel	100.00
	Materials for Resale	2,500.00
	Unallocated	4,400.00
	For: To establish budgetary accounts for Glass Shop Services to be performed by the Department of Bioengineering. (RBC 354)	
2.	Amount of Transfer (various)	\$31,872.72
	From: News and Information - Classified Salaries	2,800.00
	Office of the Dean of the Dental School - Administrative and Professional Salaries	346.82
	Unallocated Resident Instruction	18,682.90
	Educational Resources - Classified Salaries	6,543.00
	Physical Plant (Custodial Services)-Classified Salaries	3,500.00
	To: Office of the President-Administrative and Professional Salaries	346.82
	News and Information-Travel	2,800.00
	Bioengineering-Classified Salaries	10,532.90
	Physiology-Classified Salaries	1,150.00
	Instructional Development-Classified Salaries	6,543.00
	Educational Resources-Computer Services	3,000.00
	Out-Patient Clinic-Maintenance and Operation	4,000.00
	Physical Plant-Wages	3,500.00
	For: To cover new classified positions due to increased workload.	
	To cover travel not figured in the original operating budget for departmental individuals.	
	To cover computer services in Instructional Development due to increased requirements by departments for automatic test scoring.	
	For the installation of cabinets in the out-patient clinic due to increased activity. (RBC 350)	
3.	Amount of Transfer (various)	\$39,532.20
	From: News and Information-Classified Salaries	700.00
	Unallocated Resident Instruction - Other	38,832.20
	To: Obstetrics and Gynecology-Teaching Assistants	2,119.50
	Obstetrics and Gynecology-Classified Salaries	3,160.50
	Obstetrics and Gynecology-Maintenance and Operation	30,000.00
	Surgery-Maintenance and Operation	245.00
	Anatomy-Teaching Assistants	3,200.00
	Physiology-Classified Salaries	107.20
	Unallocated Resident Instruction-Other	700.00

San Antonio Health Science CenterAMENDMENTS TO THE 1976-77 OPERATING BUDGET (continued)TRANSFER OF FUNDS (continued)

For: Transfer funds to cover additional classified positions to better serve the needs of the departments involved.
Transfer funds to maintain the departmental needs and operating expenses for the balance of the fiscal year.
(RBC 403)

San Antonio Health Science Center

Approval is requested for the following changes to the 1977-78 Graduate School Catalogue (pp. HS-29 through HS-112).

San Antonio Health Science Center

Delete entire Tentative Academic Calendar 1977 - 1978 and substitute the following Academic Calendar 1977 - 1978 as follows:

FALL SEMESTER 1977

Pre-registration for continuing students*	Friday, August 5, 1977
Pre-registration for new students*	Friday, August 12, 1977
Registration - tuition and fees paid	Friday, August 19, 1977
First day of classes	Monday, August 22, 1977
Last day for late registration	Monday, August 29, 1977
Labor Day Holiday	Monday, September 5, 1977
Thanksgiving Holidays	November 24-26, 1977
Last day of final examinations	Friday, December 16, 1977
Graduation (No Exercises)	Friday, December 16, 1977

SPRING SEMESTER 1978

Pre-registration for continuing students*	Friday, December 16, 1977
Pre-registration for new students*	Friday, January 6, 1978
Registration - tuition and fees paid	Friday, January 13, 1978
First day of classes	Monday, January 16, 1978
Last day for late registration	Monday, January 23, 1978
San Jacinto Fiesta Afternoon Holiday	Friday, April 21, 1978
Last day of final examinations	Friday, May 12, 1978
Commencement Day (Degrees Conferred)	Friday, May 26, 1978

SUMMER SESSION 1978

Pre-registration for continuing students*	Friday, May 5, 1978
Pre-registration for new students*	Friday, May 19, 1978
Registration -tuition and fees paid	Monday, May 29, 1978
First day of classes	Monday, May 29, 1978
Last day for late registration	Monday, June 5, 1978
Independence Day Holiday	Tuesday, July 4, 1978
Last day of final examinations	Friday, August 18, 1978
Graduation (No Exercises)	Friday, August 18, 1978

* Course cards due at Graduate School Office.

San Antonio Health Science Center

Add new section Tentative Academic Calendar 1978 - 1979 as follows:

FALL SEMESTER 1978

Pre-registration for continuing students*	Friday, August 4, 1978
Pre-registration for new students*	Friday, August 11, 1978
Registration - tuition and fees paid	Friday, August 18, 1978
First day of classes	Monday, August 21, 1978
Last day for late registration	Monday, August 28, 1978
Labor Day Holiday	Monday, September 4, 1978
Thanksgiving Holidays	November 23-25, 1978
Last day of final examinations	Friday, December 15, 1978
Graduation (No Exercises)	Friday, December 15, 1978

SPRING SEMESTER 1979

Pre-registration for continuing students*	Friday, December 15, 1978
Pre-registration for new students*	Friday, January 5, 1979
Registration - tuition and fees paid	Friday, January 12, 1979
First day of classes	Monday, January 15, 1979
Last day for late registration	Monday, January 22, 1979
San Jacinto Fiesta Afternoon Holiday	Friday, April 27, 1979
Last day of final examinations	Friday, May 11, 1979
Commencement Day (Degrees Conferred)	Friday, May 25, 1979

SUMMER SESSION 1979

Pre-registration for continuing students*	Friday, May 4, 1979
Pre-registration for new students*	Friday, May 18, 1979
Registration - tuition and fees paid	Monday, May 28, 1979
First day of classes	Monday, May 28, 1979
Last day for late registration	Monday, June 4, 1979
Independence Day Holiday	Wednesday, July 4, 1979
Last day of final examinations	Friday, August 17, 1979
Graduation (No Exercises)	Friday, August 17, 1979

* Course cards due at Graduate School Office.

San Antonio Health Science Center

Amend section GENERAL INFORMATION: South Texas Medical Center as follows:

The South Texas Medical Center is an area of some 680 acres in North-west San Antonio established by the San Antonio Medical Foundation to attract institutions and facilities which would offer the highest standards of achievement for health, education, research, patient care and health care services.

In 1961, The Foundation donated 100 acres to The University of Texas System, the present location of The University of Texas Health Science Center at San Antonio. In addition to these two institutions, the South[west] Texas Medical Center includes - Bexar County Hospital, Audie L. Murphy Memorial Veterans Hospital, Cerebral Palsy Treatment Center, Community Guidance Center of Bexar County, Bexar County Unit of the American Cancer Society, Texas Cradle Society, San Antonio Community Hospital, Cancer Therapy and Research Center, Ecumenical Center for Religion and Health, Villa Rosa Psychiatry and Rehabilitation Center, Lutheran General Hospital (under construction), The Easter Seal Society for Crippled Children and Adults of Bexar County, and Southwest Methodist Hospital. The South Texas Medical Center has grown to include 22 institutions with over 7,500 employees and a combined annual budget of approximately \$132,000,000.

Amend section GENERAL INFORMATION: History as follows:

During the early years of the Medical School, the basic science faculty also initiated the development of graduate programs leading to the Master of Arts and the Doctor of Philosophy degrees. In 1970, graduate programs for these degrees were approved by the Coordinating Board, Texas College and University System, for anatomy, biochemistry, biophysics, microbiology and pharmacology. Enrollment began that year with 15 students. In 1972, The University of Texas Graduate School of Biomedical Sciences at San Antonio was established and assumed responsibility for the administration of these programs. In October, 1974, the Master of Arts and Doctor of Philosophy degrees in physiology were approved for implementation by the Coordinating Board, Texas College and University System. In June, 1976 the graduate program in biophysics was redesignated as the graduate program in bioengineering. The total number of graduate students in the above programs increased to [82] more than 90 in the fall of [1975] 1976.

A combined program can be individually arranged with the Medical and Dental Schools which may allow a medical or dental student to obtain an M.A. or a Ph.D. degree in addition to an M.D. or a D.D.S. degree concurrently.

The University of Texas Board of Regents in 1972 recognized the potential for conjoint development of these health professions in this geographical setting, and to better coordinate those biomedical units for efficiency and effectiveness in academic programs, as well as management and fiscal operation, authorized the establishment of The University of Texas Health Science Center at San Antonio, to be composed of the Dental School, the Graduate School of Biomedical Sciences, the Medical School, and the School of Allied Health Sciences.

In October of 1973, the Coordinating Board, Texas College and University System, approved a program for a Doctor of Pharmacy Program (Pharm. D.) to be administered jointly by The University of Texas Health Science Center at San Antonio and the College of Pharmacy at The University of Texas at Austin. In addition to this program, the Health Science Center also serves as a clinical resource for several of the students in the baccalaureate program of the College of Pharmacy in Austin.

San Antonio Health Science Center

In April, 1975, the Coordinating Board, Texas College and University System, approved three programs in the School of Allied Health Sciences -- Dental Hygiene, Dental Assisting, and Dental Laboratory Technology. Formal admission to the Dental Assistant Program occurred in May, 1976; formal admission to the Dental Hygiene and Dental Laboratory Technology Programs occurred in August, 1976.

In 1969, the Texas Legislature authorized the implementation of The University of Texas System School of Nursing at San Antonio. It began admitting students in 1970. On March 26, 1976, the Board of Regents reorganized the System School of Nursing. The San Antonio School of Nursing was placed administratively within the Health Science Center, effective September 1, 1976.

Construction of a separate building for the School of Nursing was begun near the new Dental School early in 1973. It was completed and occupied in 1974. The building consists of 78,756 square feet on two levels and will accommodate 400 undergraduate and 75 graduate nursing students. The graduate program in nursing, which leads to the degree of Master of Science in Nursing, is administered through The University of Texas Graduate School of Biomedical Sciences at San Antonio.

One of the purposes for the reorganization of the institution as a Health Science Center was to provide an educational environment in which students of the various health professions could pursue their formal course work in close professional association. As the future Physician, Dentist, Nurse, Pharmacist, Research Scientist, and various Allied Health Personnel pursue their studies toward their career objectives in this setting, it is expected that they will develop from the beginning a mutual respect for the functional relationship of each other in their common objective -- health maintenance.

Amend section GENERAL INFORMATION: Accreditation as follows:

The University of Texas Health Science Center at San Antonio has been awarded full regional accreditation through the Southern Association of Colleges and Schools.

The dental education program has received full accreditation by the Council on Dental Education of the American Dental Association and the Commission on Accreditation of Dental and Dental Auxiliary Education Programs.

The medical education program has received full accreditation by the Liaison Committee on Medical Education of the Association of American Medical Colleges and the American Medical Association.

In December 1975, the Dental Assisting and Dental Laboratory Technology Training Programs were approved for preliminary provisional accreditation by the Commission on Accreditation of the American Dental Association; the Dental Hygiene Education Program was granted accreditation eligible status. Students enrolling in and completing these programs will be considered graduates of accredited programs.

The nursing education program has received full accreditation by the National League for Nursing and the State Board of Nurse Examiners.

San Antonio Health Science Center

Amend section STUDENT AND FACULTY SUPPORT ACTIVITIES The Office of Student Services as follows:

The Director of Student Services is generally charged with representing students' needs and providing support service for student development. This office encompasses the Registrar and Admissions, Coordinator of Curriculum and Academic Programs, Student Financial Aid, the Student Health Center, and Counseling Services. Students are encouraged to seek assistance from the Director and his staff in matters dealing with curricular and extracurricular concern.

The Registrar, in addition to being custodian of all student academic records and responsible for the registration and enrollment of students in the various academic courses, is also the administrator for all student admissions, withdrawals and graduation. Actions of the various admissions committees as well as those of the student promotions committees are implemented through this office in consonance with policies and directives of The University of Texas System and those of the Health Science Center and its Schools.

~~[The Coordinator of Curriculum and Academic Programs develops and publishes catalogues; calendars; and day-to-day academic schedules in concurrence with approved policies determined by various faculty committees and individual School Administration. Coordination between the several academic programs is effected to insure availability of faculty and appropriate laboratory and classroom facilities.]~~

The Coordinator of Curriculum and Academic Programs integrates the academic courses of the Health Science Center Schools to insure availability of faculty, time sequencing, classroom and laboratory facilities. Coordination is effected between the various curriculum committees and individual school administrators in accordance with their approved policies. School catalogues, school calendars and academic schedules are prepared and published by this office as well as the scheduled use of all classrooms.

A Counseling Service is available and offers individual and group psychological counseling regarding problems of academics, career choice, and personal adjustment. The Service is staffed by a psychologist with psychiatric consultation available as required.

Financial assistance is offered to qualified students through scholarships and loans available for the individual schools. These are supervised by the Scholarship and Loan Committee and provided through the Financial Aid Administrator. Assistance is made only on the basis of demonstrated need. While financial help cannot be guaranteed, every effort will be made to provide the maximum assistance possible to meet demonstrated financial requirements. At the time accepted students indicate they will matriculate, they may request an application for financial aid. All applications should be sent to the Office of Financial Aid. Scholarships, loans and other types of available financial assistance are listed in the financial information section on page _____.

Student Health Services are available at the Student Health Center located in the Bexar County Hospital, and are provided by faculty members of the Department of Family Practice. These services are supported by the Student [Activity] Services Fee.

New students are given an initial health assessment and thereafter may use the Health Center for acute illnesses or injuries as well as periodic examinations, family planning information and supplies, problem counseling, follow-up advice on chronic diseases, and the usual care offered in the offices of family physicians. All necessary laboratory, X-ray and similar tests are provided without charge for students. The student [activity] services fee does not cover health services for student dependents.

San Antonio Health Science Center

Amend section STUDENT AND FACULTY SUPPORT ACTIVITIES: The Office of Educational Resources as follows:

The Director of Educational Resources coordinates and implements the various services which support the educational functions of the Health Science Center and extends these services to include the support of research activities, administrative requirements and public information.

The Library serves not only as the primary resource and repository of information for the learning, research and health care functions of the Center, but also as a laboratory where students acquire skills of information processing. An active orientation program is an important function of the library staff. The Library collection covers the broad range of all health related sciences -- dentistry, medicine, nursing, basic sciences, environmental health, behavioral sciences, and veterinary sciences in over 81,000 volumes as well as subscriptions to over 2,000 periodicals. It serves as one of the eleven resource libraries in the five states of the South Central Regional Medical Library, and has access through a teletypewriter and computer terminals to data bases and literature resources nation wide, including direct access to the National Library of Medicine.

The Library's Learning Resource Center provides individual and small group study carrels for non-book media and study facilities for student use. Some of these are equipped with television monitors and programs are available from the Health Science Center Demand Access Television System.

The Division of Educational Communications provides production support services, including Art, Photography, Printing, Television and Film for the instructional research, and public relations programs of the Health Science Center. This includes the design and production of teaching materials, preparation of materials for publication, and documentation of research results or clinical methods.

Technical services provide more than 90 hours per week of demand-access programs requested by students or faculty members and are available in any of nearly 600 individual stations. The video library contains over 500 separate instructional programs on video tapes.

Audiovisual equipment and technical assistance are provided by Classroom Services.

The Division of Instructional Development (ID) provides assistance to individual faculty and to departments in designing, developing, implementing and evaluating instructional programs. The ID staff consults with faculty in identifying instructional needs and problems, and aids in the specification of goals and objectives. The ID staff also provides support resources in developing pilot instructional programs and materials, developing instructional programs and materials; developing instructional procedures, evaluation mechanisms, and instruction materials.

[Facilities-and-services-for-all-types-of-laboratory-instruction--required-by-various-disciplines-of-the-health-sciences-are-provided-by-the-Medical-and-Dental-Multidiscipline-Laboratories;--Each-laboratory-has-a-capacity-for-either-16;24;-or-32-students;-and-is-designed-and-equipped-to-provide-office-and-work-space-for-students;-for-stimulating-independent-investigation;-for-promoting-correlation-between-disciplines;-for-promoting-closer-interaction-between-faculty-and-students;-and-for-saving-space-and-equipment-through-more-efficient-use:]

San Antonio Health Science Center

Facilities and services for all types of laboratory instruction required by various disciplines for the health sciences are provided by the Medical and Dental Multidiscipline Laboratories and The Nursing Simulated Learning Laboratory. The Multidiscipline Laboratories vary in size and provide space for 16 to 32 students and are designed and equipped to provide office and work space for students, for stimulating independent investigation, for promoting correlation between disciplines, for promoting closer interaction between faculty and students, and for saving space and equipment through more efficient use. The Nursing Simulated Learning Laboratory contains twenty-five carrels with individual television monitors and direct videotape access. This laboratory provides an excellent area for the demonstration and practice of nursing skills.

Amend section STUDENT AND FACULTY SUPPORT ACTIVITIES: The Office of Continuing Education Services as follows:

The learning process of a professional cannot end with the attainment of a professional degree, but must be extended continuously to keep abreast of new developments in special areas of interest. Such learning is difficult for the unassisted individual because of the enormous body of scientific information. It is the function of the Director of Continuing Education Services to coordinate and support programs designed by the faculty of the Health Science Center to further and facilitate post-graduate professional learning.

~~[The program of Continuing Medical Education includes a biweekly series of Therapeutic Seminars presented at the Health Science Center for physicians in the locality and are set up as teleconferences to allow direct participation by physicians over a five-state area.]~~

~~[Approximately 35 post-graduate courses are offered for physicians; psychologists; and others each year. These vary in length from one weekend to afternoon classes extending as long as 10 weeks so that the professional has opportunity for format training commensurate with individual time available; interests; and requirements.]~~

~~[Preceptorships are also provided. These programs permit a physician to participate in the development and evaluation of an educational experience designed on an individual basis.]~~

~~[An extensive program in Continuing Dental Education has been established whereby dentists and auxiliaries may obtain firsthand knowledge relevant to upgrading health care.]~~

~~[Dental courses are scheduled on the basis of maximum interest and priority; and most will be open to all auxiliaries. In addition, special courses for dental auxiliary personnel such as dental assistants; hygienists and laboratory technicians will be offered.]~~

~~[Innovative educational activities will take the form of preceptorships; study clubs; participation studies for the doctor/patient or doctor/assistant; closed circuit television courses; laboratory courses and seminars.]~~

1. The program of Continuing Medical Education includes a biweekly series of Therapeutic Seminars presented at the Health Science Center for physicians in the locality and set up as teleconferences to allow direct participation over a five-state area. Nursing teleconferences will begin in 1977 utilizing this same network.

San Antonio Health Science Center

a. Approximately 35 post-graduate courses are offered for physicians, psychologists and others each year. These vary in length from one weekend to afternoon classes extending as long as 10 weeks so that the professional has opportunity for formal training commensurate with individual time available, interests and requirements.

b. Preceptorships are also provided. These programs permit a physician, psychologist, etc. to participate in the development and evaluation of an education experience designed on an individual basis.

2. An extensive program in Continuing Dental Education has been established whereby dentists and auxiliaries may obtain firsthand knowledge relevant to upgrading health care.

a. Dental courses are scheduled on the basis of maximum interest and priority, and most will be open to all auxiliaries. In addition, special courses for dental auxiliary personnel such as dental assistants, hygienists and laboratory technicians will be offered.

b. Innovative educational activities will take the form of preceptorships, study clubs, participation studies for the doctor/patient or doctor/assistant, closed-circuit television courses, laboratory courses, laboratory courses and seminars.

3. Nursing continuing education programs are offered to nurses in a wide geographical area. Approximately ten programs a month are sponsored by the School of Nursing. Over 5,000 participants attend these programs yearly.

San Antonio Health Science Center

Amend section SCHOOLS OF THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER as follows:

Separate catalogues are published for each of the schools of The University of Texas Health Science Center at San Antonio. Catalogues and applications may be obtained as follows:

The University of Texas Dental School at San Antonio andThe University of Texas Medical School at San Antonio

Catalogues may be obtained by writing to the Office of Student Services, The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, Texas 78284.

Applications may be obtained by writing to The University of Texas Medical and Dental Application Center, 201 West Seventh St., Austin, Texas 78701.

The University of Texas School of Nursing at San Antonio

~~[Catalogues and applications may be obtained by writing to the Office of Student Services, The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, Texas 78284.]~~

Detailed descriptions of both the undergraduate and graduate programs in nursing are provided in the catalogue of The University of Texas School of Nursing at San Antonio; this catalogue and appropriate application may be obtained from the Office of Student Services, The University of Texas Health Science Center, 7703 Floyd Curl Drive, San Antonio, Texas 78284.

The University of Texas Graduate School of Biomedical Sciences at San Antonio

~~[Catalogues and applications may be obtained by writing to the Office of the Graduate School of Biomedical Sciences at San Antonio, The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, Texas 78284.]~~

Catalogues and applications for the graduate programs in anatomy, biochemistry, bioengineering, microbiology, pharmacology, and physiology may be obtained by writing to the Office of the Graduate School of Biomedical Sciences, The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, Texas 78284. Catalogues and applications for the graduate program in nursing may be obtained by writing to: Office of Student Services, The University of Texas Health Science Center, 7703 Floyd Curl Drive, San Antonio, Texas 78284; for the Doctor of Pharmacy program: College of Pharmacy, The University of Texas at Austin, Austin, Texas 78712.

The University of Texas School of Allied Health Sciences at San Antonio

Catalogues and applications may be obtained by writing to the Office of ~~[the Acting Dean, School of Allied Health Sciences;]~~ Student Services, The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, Texas 78284.

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[The-University-of-Texas-School-of-Pharmacy;-The-Doctor-of-Pharmacy-Program]

[The-program-is-briefly-described-in-the-Pharmacology-section-of-the catalogue-of-The-University-of-Texas-Graduate-School-of-Biomedical-Sciences at-San-Antonio;-A-detailed-description-as-well-as-an-application-may-be obtained-by-writing-to-the-College-of-Pharmacy;-The-University-of-Texas-at Austin;-Austin;-Texas--78712:]

San Antonio Health Science Center

Amend section AFFILIATED FACILITIES as follows:

There are many institutions in San Antonio that provide an excellent resource for programs of the Health Science Center. Many members of the staffs of these organizations hold joint appointments in the Dental, Graduate, Medical, Allied Health or Nursing Schools and participate in educational and research programs.

These institutions constitute an important resource for the training of students as well as the provision of needed laboratory space for the conduct of research.

A listing of these institutions follows:

Amend section AFFILIATED FACILITIES, ACADEMIC INSTITUTIONS as follows:

The University of Texas at San Antonio, a major university having both undergraduate and graduate programs, is located on a 600 acre campus 5 miles north of the Health Science Center. ~~[Plans-for]~~ C[co]operative teaching and research between the two institutions [have-been-initiated:] is in progress.

Amend section AFFILIATED FACILITIES, HOSPITALS AND CLINICS as follows:

Ground was broken in the South Texas Medical Center on November 20, 1970, for the new Audie L. Murphy Memorial Veterans Hospital. It was completed and became operational in October, 1973, with a ~~[planned]~~ bed capacity of 760 for medical, surgical and psychiatric patients. It ~~[with]~~ serves 40 counties of Southwest Texas. The facility provides 40,000 square feet of space for research.

~~[The-Dental-School-of-The-University-of-Texas-Health-Science-Center-at-San-Antonio-maintains-a-working-agreement-with-San-Antonio-Metropolitan-Health-District:]~~

The San Antonio Metropolitan Health District is the designee of the Texas Department of Health Resources for provision of public health services in Bexar County. It provides a comprehensive range of services including immunizations, adult health clinics, well child conferences, maternity and family planning services and communicable disease control in a network of over 50 neighborhood clinics. The District operates a dental health program which is designed to effect improvements in the dental health of the community by providing clinical facilities for chairside health education, application of preventive treatment procedures, and corrective treatment for indigent children through twelve years of age. These clinical facilities are utilized by the Dental School in its education program.

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Amend section GRADUATE DEGREE PROGRAMS as follows:

Graduate programs leading to the Master of Arts and Doctor of Philosophy degrees are offered by The University of Texas Graduate School of Biomedical Sciences at San Antonio in the following fields: Anatomy, Biochemistry, ~~[Biophysics;]~~ Bioengineering, Microbiology, Pharmacology and Physiology. The graduate program leading to the Master of Science in Nursing degree is conducted by faculty of The University of Texas School of Nursing at San Antonio and administered through the Graduate School of Biomedical Sciences. The graduate program leading to the Doctor of Pharmacy degree is jointly administered by the College of Pharmacy of The University of Texas at Austin and the Graduate School of Biomedical Sciences.

Within these programs, candidates for degrees may acquire competence in many fields under the guidance of established teachers and investigators. Each program is supervised by a Committee on Graduate Studies composed of members of the Graduate Faculty of the Program. The Committee is responsible for recommending the admission of students to the Program, approving academic programs and certifying eligibility of students for admission to candidacy for a degree. The administrative head of each Program is the Chairman of the Committee on Graduate Studies. A Graduate Advisor represents the Program in all matters pertaining to the graduate students taking major work in the area.

The Dean of the Graduate School of Biomedical Sciences is the administrative head of the Graduate Programs. The Dean serves as Chairman of the Graduate Executive Committee, composed of the Graduate Advisor of each Program and a student representative elected by the graduate student body. The Graduate Executive Committee formulates general academic policies, rules on recommendations submitted by the Committees on Graduate Studies, and submits recommendations to the President for the granting of ~~[Master-of-Arts-and-Doctor-of-Philosophy-degrees:]~~ all master's and doctoral degrees.

This catalogue provides detailed information concerning the Graduate Programs in Anatomy, Biochemistry, Bioengineering, Microbiology, Pharmacology and Physiology, as well as brief descriptions of the programs in Nursing and Pharmacy. For detailed information on the latter two programs, see the catalogues of The University of Texas School of Nursing at San Antonio and the College of Pharmacy, The University of Texas at Austin, respectively.

All of the Graduate Programs have been approved by the Coordinating Board, Texas College and University System.

San Antonio Health Science Center

Amend section ADMISSION TO THE GRADUATE SCHOOL Graduate Record Examinations as follows:

[January-10;-1976
February-28;-1976*
October-16;-1976-
December-11;-1976
January-8;-1977

April-24;-1976
June-12;-1976
February-26;-1977*-
April-23;-1977
June-11;-1977]

October 00, 1977
December 00, 1977
January 00, 1978

February 00, 1978*
April 00, 1978
June 00, 1978

*Aptitude test only; administered in the United States and Puerto Rico only.

Amend section ADMISSION TO THE GRADUATE SCHOOL Application Procedure as follows:

Applicants for admission should obtain an application form and instructions for completing the application from the Graduate School of Biomedical Sciences.

Each application must include the completed application form; an official certified transcript from each college or university attended, including each graduate or professional school; ~~[a letter from the applicant containing a statement of objectives;]~~ three letters of recommendation concerning the potential of the applicant for graduate education; the scores on the Graduate Record Examinations.

Applicants from countries where English is not the native language are also required to submit scores on the Test of English as a Foreign Language (TOEFL). ~~[In general; a]~~ A minimum score of 550 is required.

All individuals applying for admission to the Graduate Programs who plan to enter in the Fall Semester should have their completed applications on file in the Graduate School Office by April 1st; to enter in Spring Semester, by September 1st. An applicant may submit an incomplete transcript with the original application and substitute a complete official transcript showing the most recently completed semester(s) of course work as soon as it becomes available; it must be received by the Registrar before the student registers for the first semester of graduate courses. It should be emphasized that admission of an applicant is contingent on maintenance of an average of B or better in all relevant course work taken in the period between submission of transcripts with the application and matriculation in the Graduate School of Biomedical Sciences.

Amend section ADMISSION TO THE GRADUATE SCHOOL Acceptance Considerations as follows:

Each application is evaluated by the appropriate Committee on Graduate Studies on the basis of several criteria, including quality of previous course work, scores in the GRE tests, working experience in relevant scientific areas, and potential for a productive scientific career. In addition to the basic requirements listed in the section above, each Committee on Graduate Studies has established for that Program specific course requirements for admission, which are outlined in the description of each Program in a later section of the catalogue.

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The Master of Arts degree is not required as an intermediate stage before the Ph.D. degree. A qualified applicant without the M.A. degree may be admitted directly to a doctoral program.

Admission of qualified applicants to a specific program will be limited by the Committee on Graduate Studies to the number of students that the staff of that program can effectively guide, and the available facilities accommodate. Preference may be given to applicants for the Ph.D. degree over applicants for the M.A. degree. [~~A-qualified-applicant-may-be-admitted-directly-to-a-doctoral-program-without-a-master's-degree;~~] All recommendations by the Committees on Graduate Studies for admission of applicants are subject to approval by the Graduate Executive Committee. The applicant is informed in writing by the Dean of the Graduate School of Biomedical Sciences of the action and of any conditions imposed on acceptance.

Amend section ADMISSION TO THE GRADUATE SCHOOL Action Before Matriculation as follows:

After [~~receiving-notification~~] acceptance of admission, the student should arrange an appointment with [~~the-Dean-or-the-Associate-Dean-and-with~~] the Graduate Advisor of the specific Program to discuss his or her academic program [~~in-preparation-for~~] well in advance of registration for the first semester. Immunizations with oral poliomyelitis vaccine (for those under age 20), tetanus toxoid, and diphtheria toxoid are required prior to matriculation.

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Amend section DOUBLE DEGREE PROGRAM as follows:

The double degree program was designed to allow a medical or dental student to obtain an M.A. or a Ph.D. degree in addition to an M.D. or a D.D.S. at The University of Texas Health Science Center at San Antonio. The scientist who is well trained in the basic health science in which he or she obtains a graduate degree usually has not encountered the opportunity to apply this specialized knowledge to clinical medicine or dentistry. The physician and dentist on the other hand often become aware of clinical problems which might easily have their solution in a basic science discipline. In short, there may be a communications gap between these types of scientists. It is advantageous to have a number of individuals who have depth of knowledge in both basic science and clinical medicine or dentistry in order to bridge this gap. The development of a mechanism at The University of Texas Health Science Center at San Antonio for students to be trained in two areas is an effort to provide the biomedical community with such individuals. The program is based on the premise that any student desirous of obtaining both an M.D. or a D.D.S. and a graduate M.A. or Ph.D. degree while a student at The University of Texas Health Science Center at San Antonio ~~would plan to~~ must meet the full requirements defined for both degrees. Accreditation of the Medical School and its programs is achieved through the Liaison Committee of the American Medical Association and the Association of American Medical Colleges. Any medical student in such a combined degree program must meet all requirements established by the Medical School which have been approved by this Liaison Committee. Accreditation of the Dental School and its programs is achieved by meeting all of the requirements of the Council on Dental Education of the American Dental Association. Approval of the Graduate Programs is obtained through the Coordinating Board, Texas College and University System. All students in a double degree program must for either the M.A. or Ph.D. degree meet the full requirements for these programs as approved by the Coordinating Board.

Each student must satisfy the entrance requirements of both the Medical School or Dental School and the Graduate School of Biomedical Sciences, and approval for admission shall be accomplished separately. Admission to the Medical School or Dental School in no way guarantees admission to the Graduate School, nor does admission to the Graduate School guarantee admission to the Medical or Dental Schools. Students need not register their intent of securing both an M.D. or D.D.S. and an M.A. or Ph.D. at the time of admission to either medical, dental or graduate programs. At any time, a student in the Medical or Dental School may make the decision to pursue a course of study for a graduate degree and may apply for admission to one of the graduate programs. The same principle applies to the student who originally enters the Graduate School. A student may withdraw from either school without in any way jeopardizing the pursuit of a degree in the other.

The total time added to the typical medical or dental school curriculum is generally a year for the M.A. degree or three years for the Ph.D. degree. Utilization of summer work and elective periods in the medical or dental curriculum contributes to economy in total time span. The ~~[specific-details-as-to-the]~~ detailed logistics of pursuing a graduate program while registered in the Medical or Dental Schools will depend on the specific graduate program undertaken, and in every instance should be

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worked out between the student, [and] the appropriate Committee on Graduate Studies, ~~[with final approval by the Graduate Executive Committee:]~~ the Associate Dean of the Graduate School, and the Associate Dean for Student Affairs of the Medical or Dental School.

For additional information, consult the Associate Dean for Student Affairs of the Medical School, the Associate Dean for Student Affairs of the Dental School or the Associate Dean of the Graduate School of Biomedical Sciences.

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Amend section SPECIAL STUDENTS as follows:

Under certain conditions an individual may wish to register as a Special Student for one or two graduate courses for credit. The basic requirements for such registration are:

Submission of a completed Special Student application form:

A bachelor's degree from an accredited institution in the United States or proof of equivalent degree and training at a foreign institution. In exceptional circumstances, a senior level undergraduate with a superior academic record may be permitted to register for a single course relevant to his or her undergraduate program of study. Official transcripts from all institutions attended (undergraduate and graduate) are required;

Adequate academic preparation for each course, as evidenced by satisfactory grades in relevant course work;

Approval of registration each semester by the Associate Dean of the Graduate School, and by the instructor of each course;

Maintenance of a grade point average of at least "B" (3.0 in the 4.0 system) in courses taken as a Special Student;

A maximum course load of 9 credit hours in Fall or Spring Semester, and 6 credit hours in Summer Session[;]

[The-Registrar-agrees-that-no-undue-crowding-of-facilities-will-result:]

All grades received as a Special Student will be included in the graduate student's transcript and in computation of the cumulative GPA if the student is admitted subsequently to a graduate program.

For additional information, consult the Associate Dean of the Graduate School of Biomedical Sciences.

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Amend section REGISTRATION, second paragraph as follows:

1. The graduate student should consult with the Graduate Advisor of his or her Program regarding the roster of courses to be selected, and obtain the signed approval of the Graduate Advisor on the registration course card. For Special Students, the Associate Dean of the Graduate School acts as graduate advisor. All courses in which the student plans to enroll during that semester or summer session, even if the course begins later in the term, must be listed on the registration course card.

Amend section REGISTRATION, Dropping Courses as follows:

~~[During-the-first-half-of-a-course;]~~ Up to the ninth week of Fall or Spring Semester or the seventh week of Summer Session a student who is not on probation may drop a course without penalty provided the student is passing the course at the time and has the signed approval of the instructor, his or her Graduate Advisor and the Associate Dean. Drop-course cards for this purpose may be obtained from the Graduate School Office. After completion of the drop-course card, it must be submitted to the Registrar for recomputation of tuition and fees and possible refund. The symbol Q will be recorded for the course by the Registrar. A student on probation will not be allowed to drop a course. In case of illness and with the consent of the Dean, a student may drop a course without penalty at any time prior to the beginning of final examinations.

Amend section REGISTRATION Registration at Other Components of The University of Texas System as follows:

A student who has been formally admitted to a Graduate School of Biomedical Sciences at The University of Texas Health Science Center at San Antonio may apply for permission to take a course(s) at any one of the other components of the University of Texas System:

The University of Texas at Arlington
 The University of Texas at Austin
 The University of Texas at Dallas
 The University of Texas at El Paso
 The University of Texas of the Permian Basin
 The University of Texas at San Antonio
 The University of Texas Health Science Center at Dallas
 The University of Texas Medical Branch at Galveston
 The University of Texas Health Science Center at Houston
 The University of Texas System Cancer Center
~~[The-University-of-Texas-System-School-of-Nursing]~~

Consent of the student's Graduate Advisor and the Associate Dean of the Graduate School must be obtained before the student may apply to another component for permission to take courses. Arrangements are made by the Registrar for proration of tuition and fees [=:] , and for certification of concurrent registration.

Amend section REGISTRATION Registration for Audit as follows:

Permission to audit a course or courses is sometimes granted. Auditing conveys only the privilege of observing, and excludes handing in papers or taking part in class discussions, laboratory exercises or field work. No grade is given and no credit is recorded. Graduate students must obtain permission to register to audit a course from the instructor of the course and the Graduate Advisor of the program in which they are

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enrolled. All other persons who wish to register to audit a course must apply for admission as a Special Student, satisfy the requirements for such admission set forth in a preceding section of this catalogue, and obtain permission to register from the Associate Dean of the Graduate School and the instructor of the course. Registration for audit requires the submission of a course card with the signed approval of the appropriate faculty members, and is subject to the same deadlines as is registration for credit. The fee schedule for auditing of course(s) is described in the section on Financial Information in this catalogue.

Amend section REGISTRATION File Number as follows:

The student's social security number serves as the matriculation and file number. This number is the primary means of identifying the student's official academic record. Prospective students who do not have a social security number[s] should apply for one in time to include it on [their] the application[s] for admission. [as-graduate-students:]

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Amend section REQUIREMENTS AND REGULATIONS as follows:

A student enrolled in the Graduate School of Biomedical Sciences is subject to all established requirements and regulations. Exceptions to these rules, and [solutions] issues not covered by previously determined guidelines will be handled on an individual basis by the Graduate Executive Committee. [At-least-once-each-semester-students-should-confer-with-their-graduate-advisors-about-their-progress;-changes-in-the-scheduling-of-classes;-additional-requirements;-new-regulations-and-deadlines-for-graduation:]

Amend section REQUIREMENTS AND REGULATION Credit Hour Requirements as follows:

Ph.D. degree: A specific number of semester credit hours has not been set for the attainment of the Ph.D. degree. The curriculum requirements of each Graduate Program are defined in the section on Program Descriptions[;]. [and-t] The curriculum of each student is supervised by the appropriate Committee on Graduate Studies.

M.A. degree: A minimum of 30 semester credit hours is required for the M.A. degree. Not more than a total of 12 of the credit hours awarded in Research, Thesis, Seminar, Literature Searching, and Supervised Teaching may be included in the 30 semester hour minimum. With the exception of students participating in the double degree program, all work for the M.A. degree is ordinarily done at The University of Texas Graduate School of Biomedical Sciences at San Antonio. Under some circumstances, a maximum of 6 semester hours of graduate course work may be transferred from another institution but only on the basis of a petition by the Committee on Graduate Studies in the student's major area and approval by the Dean. In cases where such transfer is approved, the student must still meet the residence requirement of two full semesters. For students participating in the double degree program usually 6 semester hours in the medical or dental curriculum may be credited toward the M.A. degree. As a rule, these semester hours will come from survey courses in the student's major area.

Amend section REQUIREMENTS AND REGULATION Foreign Language Requirement as follows:

There is no general requirement for demonstration of proficiency in one or more foreign languages before admission to candidacy for a doctoral degree. [In-modern-baccalaureate-curricula;-training-in-foreign-languages-is-being-stressed-as-an-important-component-of-a-liberal-education;-During-graduate-work;-the-reading-of-scientific-papers-in-foreign-journals-and-the-acquiring-of-an-ability-to-converse-with-fellow-scientists-from-various-parts-of-the-world-will-be-encouraged:] If knowledge of certain foreign languages is deemed essential for training in a specific program, a student will be [asked] required to pass an examination to demonstrate an adequate experience with a particular language or languages. [In-addition-to-making-it-possible-for-the-graduate-student-to-obtain-in-depth-knowledge-and-training-in-a-specific-area-of-his-or-her-choice;-the-aim-of-the-Graduate-Program-is-to-provide-the-student-with-the-opportunity-to-broaden-his-or-her-background-in-the-humanities-as-well-as-in-the-social-and-natural-sciences:] Consult the section on Program Descriptions for specific information about the foreign language requirements.

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Amend section GRADES, CONTINUATION, GRADUATION Grading System as follows:

Credit is given in the Graduate Programs for the grades A, B and C; no credit is allowed for courses in which grades of D or F are earned. However, all A to F grades are included in the computation of the grade-point average. Grade points are assigned as follows: A, denoting excellent scholarship, 4 points; B, good, 3 points; C, fair, 2 points; D, pass, 1 point; and F, failure, 0. Credit for courses in which a D or F is received may be obtained only by repetition of the course [~~if a course is repeated, the last grade becomes the official grade for the course~~]. If a course is repeated, both grades are used in computation of the cumulative grade point average.

A grade of S (satisfactory) or U (unsatisfactory) is given in the following courses: Seminar, Literature Searching, Supervised Teaching, Research, Thesis and Dissertation. These grades are not included in the computation of the grade-point averages.

Other symbols used in reporting the standing of students in their classes are: P - final examination postponed; R - reexamination to be allowed; Q - course dropped while receiving a passing grade - no penalty; WP - withdrawal from course passing; WF - withdrawal from course failing; I - incomplete. An I is used only to report cases where the student has not completed all of the assignments before conclusion of the course; if the required work is completed within two years the symbol I may be converted into a letter grade by the instructor.

The grading system described above applies to courses in the medical and dental curricula in which graduate students may be enrolled, as well as to courses in the Graduate Programs.

Amend section GRADES, CONTINUATION, GRADUATION Continuation, Probation, Dismissal as follows:

Continuation in the Graduate Programs is dependent upon two requirements:

Satisfactory progress in removing any conditions imposed at the time of admission []; and, Maintenance of a minimum cumulative B [~~or 3.0~~] (3.0) average for all courses taken while enrolled in the Graduate School of Biomedical Sciences. A student whose cumulative grade point average falls below 3.0 will be placed on probation and warned by the Dean of the Graduate School of Biomedical Sciences that continuation in the graduate program is in jeopardy. A student will remain on probation as long as his or her cumulative grade point average is below [B] 3.0. While on probation a student must maintain a B average in those courses for which he or she is registered or be considered for dismissal by the Graduate Executive Committee. Except in the case of illness permission will not be given to drop courses while the student is on probation. The graduate student who has been dismissed may be readmitted for further graduate study by petition from the Committee on Graduate Studies of his or her [major area] Graduate Program. The request will be considered by the Graduate Executive Committee, and according to the recommended action will be approved or disapproved by the Dean. Under no circumstances will a student on probation be admitted to candidacy or be awarded a degree.

A satisfactory rate of progress toward the degree is required throughout the student's enrollment. A Committee on Graduate Studies with the Dean's consent may terminate a student's enrollment at any time if the student's rate of progress is not satisfactory.

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Amend section GRADES, CONTINUATION, GRADUATION Leave of Absence as follows:

Permission for a leave of absence from a Graduate Program for a maximum period of one year may be granted by the Dean [~~Chairman of the Committee on Graduate Studies of the Program~~], subject to approval by the [Dean] Chairman of the Committee on Graduate Studies of the Program. Such permission will be granted only on written application and for extenuating circumstances, and indicates that the student will be allowed to return to the Program within the one-year time limit. The grading symbol I (incomplete) will be recorded for each course not completed, and the student will be required to complete these courses as soon as they are offered after his or her return from the leave of absence.

Amend section GRADES, CONTINUATION, GRADUATION Graduation as follows:

The degree of Doctor of Philosophy is awarded by the Board of Regents upon the satisfactory completion of prescribed academic programs including the preparation and defense of an acceptable dissertation, recommendation of the Graduate Executive Committee, and certification of the candidate by the Dean and President to the Board of Regents.

The degree of Master of Arts is awarded upon the satisfactory completion of a minimum of 30 semester hours, the requirements particular to each Graduate Program, recommendation of the Graduate Executive Committee, and certification of the candidate by the Dean and President to the Board of Regents.

Degrees will be conferred only once each year, on Commencement Day at the end of Spring Semester. Students who complete all the above requirements for a degree by the end of a Summer Session or Fall Semester will be conferred the degree on the following Commencement Day, but may request to be provided a Certificate of Completion on the date of Graduation.

Since requirements for degrees in the Graduate School Programs may be changed from year to year, the student is bound only by the requirements in force at the time of admission within a six-year limit. However, the student may elect to fulfill requirements approved at a subsequent date.

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Amend section SEQUENTIAL PROCEDURES Doctor of Philosophy Degree, Phase I as follows:

Phase I. From admission through successful completion of the qualifying examination and admission to candidacy.

1. As soon as possible after admission to a Program, the appropriate Committee on Graduate Studies shall appoint a faculty advisor for the student. The advisor's function is to serve as the "contact person" on the faculty who shall see to it that course requirements and any contingencies of admission are satisfied by the candidate. This advisor may or may not ultimately be the supervising professor.

~~[2:--After-the-student-has-been-in-the-program-for-a-year-and-has-met most-of-the-course-requirements;-the-Committee-on-Graduate-Studies shall-construct-and-administer-a-qualifying-examination:--This-examination-may-be-written;-oral;-or-both:--The-make-up-of-the-Qualifying Examination-Committee-shall-be-left-to]~~

2. Admission to candidacy for the Ph.D. degree requires both successful completion of a qualifying examination and evidence of potential for productive and independent investigation. The qualifying examination may be written, oral, or both. The format of the examination, and the composition of the Qualifying Examination Committee shall be determined by the Committee on Graduate Studies, but one member must be outside of the student's program area. The Qualifying Examination Committee shall evaluate the results of the examination(s) and report its judgements to the Committee on Graduate Studies. The report of the Qualifying Examination Committee that the student has passed the qualifying examination, as well as the student's potential for productive and independent investigation, will be used as criteria by the Committee on Graduate Studies in its overall evaluation of the eligibility of the student for admission to candidacy. If the Committee on Graduate Studies is in favor of admission, it shall forward a petition to the Graduate Executive Committee for approval of admission to candidacy. When the student has been admitted to candidacy by the Dean on recommendation of the Graduate Executive Committee, he or she will enter Phase II of the program.

Amend section SEQUENTIAL PROCEDURES Doctor of Philosophy Degree Phase II as follows:

~~[Phase-II:--Successful-completion-of-the-qualifying-examination-through-awarding of-the-degree:~~

~~1:--As-soon-as-possible-after-admission-to-candidacy;-the-Supervising Professor-shall-be-selected-by-the-student-with-the-guidance-and approval-of-the-Committee-on-Graduate-Studies-and-the-consent-of-the individual-selected:~~

~~2:--On-the-recommendation-of-the-Supervising-Proffessor-and-the-student; the-Committee-on-Graduate-Studies-shall-consider-names-of-at-least four-other-members-for-the-Supervising-Committee:--Two-of-the-members shall-be-faculty-members-of-the-program-and-two-shall-be-from-a supporting-area:--An-additional-member-of-the-committee-must-be from-outside-this-institution:--The-names-of-the-proposed-Supervising Committee-with-the-Supervising-Proffessor-as-chairman-shall-be-submitted-to-the-Graduate-Executive-Committee-for-approval:]~~

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1. As soon as possible after the student's admission to candidacy, the selection of the faculty member of the Graduate Program to serve as Supervising Professor shall be decided by mutual agreement between the student and faculty member, and with the approval of the Committee on Graduate Studies. The student should then prepare a draft of a proposal for the dissertation research and submit it to the Supervising Professor for review and approval.
2. After approval of the proposal draft, the Supervising Professor and the student shall make recommendations to the Committee on Graduate Studies regarding composition of the Supervising Committee for the dissertation research. The Committee on Graduate Studies shall consider nomination of at least four persons, in addition to the Supervising Professor, for membership on the Supervising Committee. At least one member shall be from outside the Health Science Center and shall be an expert in the field of the proposed dissertation. In addition to the Supervising Professor, at least two members nominated to the Supervising Committee shall be faculty members of the Graduate Program, and at least one shall be a member of the faculty of the Health Science Center in a supporting area outside the Program. The student's proposal for dissertation research, and the names of the proposed Supervising Committee with the Supervising Professor as chairman shall be submitted by the Committee on Graduate Studies to the Graduate Executive Committee and the Dean for approval.
3. The Dean on receiving the recommendations from the Committee on Graduate Studies may appoint an ad hoc committee of three graduate faculty members to review the composition of the Supervising Committee and to submit [its] a recommendation for approval or disapproval to the Graduate Executive Committee. In the event the Graduate Executive Committee does not approve the proposed Supervising Committee, this fact along with any recommendations shall be returned to the Committee on Graduate Studies for reconsideration and resubmission.
4. At an early date after approval of the Supervising Committee, the Supervising Professor [with] shall convene the Supervising Committee to discuss with the candidate the problem chosen for the dissertation and proposals for its solution. At appropriate intervals thereafter progress reports (written or oral) shall be presented so that the current status of the work may be evaluated and the direction of future work planned. In this way, the Committee will be kept fully informed and can provide[d-with-the] continued [input-into] supervision of the problem [early-in] throughout the training program.
5. After agreement by the members of the Supervising Committee that the research has progressed sufficiently for submission of the dissertation, the draft of the dissertation shall be submitted, in sequence, to the Supervising Professor and the Supervising Committee for their review and recommendations for modification. It is the responsibility of the candidate to ensure adequate time for such review and modification, in accordance with the schedule of deadlines provided each term by the Graduate School Office. When the Supervising Committee judges the dissertation to be suitable for defense at the Final Oral Examination, it shall so notify the Dean and request scheduling of the examination.

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- [5]6. The Final Oral Examination will be conducted by the Supervising Committee with the Supervising Professor as chairman. All interested persons may attend and have the right to question the candidate. Only the Supervising Committee will vote on the examination; more than one dissenting vote will indicate failure. In the event of a failing performance, the Committee will decide upon the appropriateness of another examination.
- [6]7. The report from the Supervising Committee on a successful Final Oral Examination, with recommendation for the awarding of the Ph.D. degree (or M.A. degree - see below), and approval of the recommendation by the Chairman of the Committee on Graduate Studies, will be submitted to the Graduate Executive Committee. On approval of the recommendation, the Dean of the Graduate School will notify the President of The University of Texas Health Science Center at San Antonio that the candidate has fulfilled all requirements of the Graduate School of Biomedical Sciences for that degree. Upon certification by the President, the degree is conferred by the Board of Regents of The University of Texas System.

NOTE: Student may not register for Dissertation until admitted to candidacy. Registration for the doctoral Dissertation must cover a longer period than 1 semester. [~~if the degree is to be received in June, the candidate must register for Dissertation the previous fall semester.~~] (For example, if the degree is to be awarded at the end of the spring semester, the student must have been admitted to candidacy before the end of the previous summer session and must register for Dissertation in the fall and spring semesters.)

Master of Arts Degree

The procedures for the M.A. degree will follow closely those outlined for the Ph.D. degree. The Committee on Graduate Studies may or may not elect to examine the student prior to recommending admission to candidacy and selection of the Supervising Committee. Generally within the last year the student will select a Supervising Professor, and [~~with the advice of~~] the Committee on Graduate Studies [~~select~~] will appoint a Supervising Committee composed of two additional faculty members from the student's major area and one from a minor area. The Final Oral Examination may include general aspects of the student's major and minor fields of study in addition to the defense of the thesis. The Supervising Committee will notify the Graduate Executive Committee when the candidate has completed satisfactorily the assigned academic program, and as applicable, a final oral examination and a thesis [~~Upon their approval, the Dean will recommend the awarding of a Master of Arts degree to the candidate.~~] ; recommendation of the Supervising Committee for the granting of the M.A. degree, after approval by the Chairman of the Committee on Graduate Studies, will be acted upon by the Graduate Executive Committee, the Dean and the President as described above for the Ph.D. degree.

[NOTE: ~~The Master of Arts degree is not required as an intermediate stage before the Ph.D. degree. A qualified applicant without the M.A. degree may be admitted directly to a doctoral program.~~]

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NOTE: Student may not register for Thesis until admitted to candidacy. Registration for the master's Thesis for at least 1 semester is required. (For example, if the degree is to be awarded at the end of spring semester, the student must have been admitted to candidacy before the end of the previous fall semester and must register for Thesis in the spring semester.)

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Amend section PROGRAM IN ANATOMY Faculty as follows:

FACULTY

Chairman, Committee on Graduate Studies - Edward G. Rennels
 Graduate Advisor - Russel J. Reiter

Professor Erle K. Adrian, Jr.
 Cellular responses to nervous tissue injury.

Professor Alexis L. Burton
 Tissue culture cinematography and experimental cytology.

Professor Ivan L. Cameron
 Cell biology, cell reproduction and differentiation.

Professor Anatolio B. Cruz**
 Surgical oncology.

Professor George A. Gates**
 Otorhinolaryngology.

Professor John J. Ghidoni**
 Cardiovascular pathology.

Professor Frank Harrison, President of The University of Texas
 Health Science Center
 Neuroscience, health professions education.

Professor Frederick T. Lynd**
 Comparative gross and microscopic anatomy.

Professor Clarence W. McNutt
 Genetics, mammalian development.

Professor Russel J. Reiter
 Neuroendocrinology.

Professor Edward G. Rennels, Chairman, Department of Anatomy
 Reproductive biology, endocrinology.

Professor Rodger F. Sisca, Associate Dean for Student Affairs, Dental School
Oral anatomy.

Professor Jim L. Story**
 Experimental neurosurgery.

Associate Professor Nobuyoshi Hagino
 Reproductive biology, neuroendocrinology.

Associate Professor Marshall L. Houston
 Embryology and placentology.

Associate Professor William W. Morgan
 Brain biogenic amines, diurnal rhythms, neuroendocrinology.

Associate Professor Masataka Shiino
Ultrastructure of pituitary gland.

Associate Professor Vick Williams
 Ultrastructure of nervous tissue.

Associate Professor William B. Winborn
 Cellular ultrastructure.

Assistant Professor E. Phyllis Bowie
 Immunocytology of pituitary gland.

Assistant Professor Alberto J. Carrillo
Neuroendocrinology, limbic system.

Assistant Professor Hou-Chi Dung
 Neurological mutations of the mouse; ultrastructure of
 lymphoid tissues.

Assistant Professor John T. Hansen
Ultrastructure of cardiovascular system.

Assistant Professor Damon C. Herbert
 Cytophysiology of pituitary gland.

Assistant Professor Martin A. Kramen***
 Developmental biology.

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Assistant Professor Peter J. Sheridan
Neuroendocrinology.

Assistant Professor Nancy R. Smith
Scanning electron microscopy and elemental X-ray microanalysis.

Assistant Professor Mary K. Vaughan
Neuroendocrinology.

Assistant Professor Frank J. Weaker
Reproductive and cellular biology.

[Instructor-John-F.-Hansen]
[Ultrastructure-of-cardiovascular-system:]

[Instructor-Frank-J.-Weaker]
[Reproductive-and-cellular-biology:]

Instructor Curtis J. Gravis
Ultrastructure and function of testis.

Instructor Robert L. Schelper
Cellular responses to nervous tissue injury.

Instructor M. Glenn Williams
Electron microscopy.

**Staff member with joint appointment in Department of Anatomy and
major appointment in another department[;] at the Health Science Center.

***Staff member with joint appointment in Department of Anatomy and
major appointment at the University of Texas at San Antonio.

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Amend section PROGRAM IN ANATOMY Doctor of Philosophy Degree as follows:

Doctor of Philosophy Degree. Graduate study programs leading to the degree of Doctor of Philosophy will depend upon the student, the area of specialization which culminates in the dissertation, and the professional career for which the student is preparing. It is expected that all graduate students working towards the doctoral degree in Anatomy will be required to take the following introductory courses:

- 1. Microscopic Anatomy
- 2. Human Embryology
- 3. Neuroscience
- 4. Gross Anatomy
- 5. General Biochemistry
- [6] ~~Cellular Physiology~~
- [7] 6. Principles of Physiology
- [8] 7. Biostatistics I

Several of these courses are presently given in conjunction with the Medical or Dental Schools and should be considered as background courses for the graduate students in anatomy.

Based on the research interests of the faculty, ~~[the following five special]~~ a number of advanced level graduate courses will be offered on a regular basis [;]. Each student will be required to take a total of 9 semester hours from the advanced elective courses presented by the Anatomy Program.

- [1] ~~An advanced course in Gross Anatomy~~
- 2: ~~Cell and Quantitative Biology~~
- 3: ~~An advanced course in neuroscience~~
- 4: ~~Endocrinology of Reproduction~~
- 5: ~~Electron Microscopy~~

~~[Two of the courses on this list are required of all anatomy graduate students in the doctoral program. Students may also be required to take additional courses offered by the department.]~~

The individual program leading to the Doctor of Philosophy degree will be planned by the student and his or her faculty advisor. This plan is to be approved by the Committee on Graduate Studies. Admission to a graduate program is not to be interpreted as admission to candidacy for the Doctor of Philosophy degree. Advancement to doctoral candidacy requires approval of the Committee on Graduate Studies and is based upon the total record of the student's performance in the graduate courses and successful completion of qualifying examinations. These examinations will be written and oral. The qualifying examination will not be given until the student has demonstrated reading proficiency in one foreign language.

Amend section PROGRAM IN ANATOMY GRADUATE COURSES as follows:

The course offerings in the Graduate Program are contingent upon adequate student enrollment.

ANAT 50711. Gross Anatomy 7 semester hours

Laboratory Fee: \$8.00

Lectures, conferences, and laboratory work covering the entire human body. Groups of four students dissect a cadaver under supervision of the Anatomy staff. Prosections, demonstration specimens, X-rays, films and other learning aids are used to supplement the laboratory work and are available to students for study at their convenience. Staff.

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ANAT 50531. Microscopic Anatomy - Medical 5 semester hours

Laboratory Fee: \$8.00

This course consists of a series of lectures and laboratory sessions which cover current concepts in cell biology and human histology. Basic information on the structure and function of cells and tissues is presented in the lectures; this is followed by staff-supervised laboratory sessions emphasizing the recognition of cells and the fundamental tissues. Each student is provided with a box of microscopic slides of human tissues. The laboratory sessions are accompanied by microscopic slide demonstrations and/or television tapes of tissues under study. Supplemental study material, such as films, television tapes, and transparent photomicrographs, are available upon request through the Audio-Visual Department and the Learning Resources Center. The general purpose of this course is to acquaint the student with basic cytology and histology of normal human tissues thereby providing a firm foundation of knowledge for the understanding of normal and disease processes. Staff.

ANAT 50432. Microscopic Anatomy - Dental 4 semester hours

Lectures, conferences, demonstrations and laboratory work studying the microscopic structure of the tissues and organs of the human body. Lectures will emphasize the correlation of structure and function while laboratory work will be devoted to the recognition of normal human tissue. Staff.

ANAT 50221. Human Embryology 2 semester hours

The goal of this course is to give the student the necessary knowledge of normal human development to understand adult relationships and the mechanisms of congenital malformations. The course consists of 24 hours of lectures covering the early development of the embryo, its implantation in the uterus and the development of the various systems of the body. Malformations are discussed by clinical specialists and as much as possible, clinical cases are presented as examples. Burton.

INTD 50341. Neuroscience - Medical 3 semester hours

Laboratory Fee \$8.00

Part I of a two-course sequence (50341-50241). Both courses must be completed for grade and credit.

Lectures, conferences and laboratories deal with study of the anatomy and function of the brain and spinal cord. Presentation of neurological cases. Primarily designed for medical students and taught by interdisciplinary task force from the Departments of Anatomy, Pharmacology, Physical Medicine and Rehabilitation, Physiology, Medicine and Surgery. Task Force Staff.

INTD 50241. Neuroscience - Medical 2 semester hours

Part II of the two-course sequence (50341-50241) that must be completed prior to award of credit and grade for the courses.

A continuation of the study of the anatomy and function of the brain and spinal cord. Task Force Staff.

San Antonio Health Science CenterINTD 50442. Neuroscience - Dental4 semester hours

A study of the anatomy and physiology of the nervous system; primarily the central nervous system. Special emphasis on cranial nerves and related structures. Course includes lectures, demonstrations, clinical presentations pertaining to dentistry and laboratory. Task Force Staff.

[Neuroscience5-semester-hours

Laboratory-Fee:--\$8:00

lectures;-conferences-and-laboratories-deal-with-study-of-the-anatomy-and function-of-the-brain-and-spinal-cord;--Presentation-of-neurological-cases; Primarily-designed-for-medical-students-and-taught-by-interdisciplinary task-force-from-the-Departments-of-Anatomy;-Pharmacology;-Physical Medicine-and-Rehabilitation;-Physiology;-Medicine-and-Surgery; Task-Force-Staff:]

ANAT 60433. Cell and Quantitative Biology4 semester hours

Prerequisite: Biochemistry

The course includes both lecture material and laboratory work. The students will be introduced to procedures used in cell biology research and in the analysis and presentation of data. Laboratory techniques and projects are emphasized. At least five students must register for the course. Cameron and Morgan.

ANAT 50381. Electron Microscopy3 semester hours

Introductory techniques: selected readings on techniques and instrumentation accompanied by practical application in all aspects of tissue preparation, microscopy and photography. Research on selected or assigned problems. Winborn.

ANAT 60391. Problems in Neurochemistry3 semester hours

Prerequisites: General Biochemistry and Neuroscience
Maximum students during period: 5

Individual research projects to study the role or relationship of biogenic amines or nucleic acids in the brain to circadian rhythms, anesthesia, barbiturate addiction, or to the regulation of pituitary function. Emphasis will be placed on the practical use of spectrofluorometric and radioisotope procedures to study the chemistry of the biogenic amines in vivo. Morgan.

ANAT 60351. Endocrinology of Reproduction3 semester hours

Prerequisites: Microscopic Anatomy[;] and Neuroscience[;--and-General Biochemistry]

Lectures and seminars on anatomy, biochemistry and physiology of pituitary, gonads, and neural structures regulating reproductive processes. Laboratory exercises on alternate weeks will demonstrate procedures and techniques and enable students to explore certain areas of current research. Hagino, Herbert, Kramen, Reiter, Rennels, Sheridan and Vaughan.

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ANAT 60352. Neuroendocrinology

3 semester hours

Prerequisite: Neuroscience

This course is designed to provide the serious student with a broad background in neuroendocrinology. Interactions among the environment, hormones, transmitters and behavior will be explored. Students will be expected to read a number of selected journal articles which will be discussed at regular meetings. Hagino, Herbert, Reiter, Sheridan and Vaughan.

ANAT 60392. Special Problems In Neuroendocrinology

3 semester hours

Prerequisite: Neuroscience

Literature search and specific research projects designed to acquaint the individual with the neuroendocrine mechanisms of reproductive physiology. Studies will deal primarily with either the influences of the external environment and the pineal on the regulation of pituitary gonadotrophins or with steroid receptors in the central nervous system. Reiter and Sheridan.

ANAT 60212. Anatomy of the Newborn

2 semester hours

Prerequisite: Gross Anatomy

Laboratory and conference. Detailed gross dissection and study of the newborn with special emphasis on developmental origins, features and relationships differing from the adult. McNutt and V. Williams.

ANAT 60313. Regional Anatomy of the
Back, Head and Neck

3 semester hours

Prerequisite: Gross Anatomy

Students will participate in lectures, dissections, presentations of prosected material and teaching in the first year gross anatomy laboratory. Adrian.

ANAT 60314. Regional Anatomy

3 semester hours

Prerequisite: Gross Anatomy

Laboratory and conference. Study of anatomy associated with one of the medical specialties such as orthopaedics, obstetrics and gynecology, etc.; detailed dissection, selective reading and consultation with clinical staff. McNutt, V. Williams and Dung.

ANAT 60334. Cell and Molecular Biology

3 semester hours

Prerequisites: Microscopic Anatomy and Biochemistry

Introductory course comprised of lectures and readings on historical perspectives, structure and function of cellular organelles. Emphasis will be on current concepts in the field of cell biology as revealed by the electron microscope. Hansen and Weaker.

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ANAT 60235. Microscopic Anatomy of the Temporal Bone 2 semester hours

Prerequisite: Gross Anatomy

All the structures of the temporal bone will be studied using horizontal and vertical sections for light microscopy, surface preparations for phase contrast examination and electronmicroscopic examination of neuroepithelium. Emphasis is placed upon the functional anatomy of the cochlear duct including its histochemistry. There will be didactic and laboratory sessions in a student-oriented manner. Gates.

ANAT 60443. Neurobiology 4 semester hours

Prerequisite: Neuroscience

Lectures, conferences, demonstrations and laboratories dealing with aspects of neurochemistry, neurophysiology, neuroanatomy and neuropharmacology. Staff.

ANAT 60393. Problems in Cell Biology 3 semester hours

Prerequisites: General Biochemistry and Microscopic Anatomy

Specific research projects dealing with some aspect of cell biology. Cameron.

ANAT 60261. [Medical] Human Genetics 2 semester hours

Lectures and conferences on the application of genetic principles to development of functions or diseases of man. McNutt.

ANAT 50382. Scientific Cinematography Applied to Basic Sciences 3 semester hours

Theory and practices of the production of motion picture films for research and teaching purposes. This program includes a large variety of projects from which each student can select one related to his or her own interest. Besides regular cinematography, many other techniques (cinemacrography, cinemicrography, animation, time-lapse, editing, sound, etc.) are included. Burton.

ANAT 60336. Histopathologic Studies of Mutant Mice 3 semester hours

Prerequisite: Microscopic Anatomy

Microscopic slides and electron micrographs of various organs from normal and neurological mutants will be studied. Dung.

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ANAT 50183. Principles and Techniques of Radioautography 1 semester hour

Lectures and laboratory work dealing with the use of radioisotopes in histology. Students will learn about the handling of radioactive materials, the processing of labeled tissues for light and electron microscopy, and the preparation and analysis of radioautographs. Special project and report. Adrian.

ANAT 60071. Supervised Teaching in Anatomical Sciences 2-3 semester hours

Participation in the teaching program of the first year medical or dental curriculum. Semester hours variable depending on time spent in teaching. Staff.

ANAT 50215. History of Anatomy 2 semester hours

Lectures, assigned readings, and student presentations dealing with the great anatomists and their discoveries. Adrian.

ANAT 50273. Anatomy Literature Searching 1 semester hour

Lectures and library practicum

Description, investigation and evaluation of current sources, mechanisms and procedures for the efficient retrieval of information from the biomedical literature; systems of scientific information transfer: compilation of a comprehensive bibliography on a topic in the student's field of interest in anatomy under the supervision of a faculty advisor. Kronick and Anatomy Staff.

ANAT 60190. Seminar 1 semester hour

Attendance and participation in the regularly scheduled Anatomy Department seminar series. In general, each student will be required to present one seminar session. Staff.

ANAT 60097. Research Credit to be arranged

Independent, original research under the direction of a faculty advisor.

ANAT 60098. Thesis Credit to be arranged

For Master of Arts candidates. Instruction on and preparation of the thesis. Registration for at least 1 semester is required of M.A. candidates.

ANAT 70099. Dissertation Credit to be arranged

Prerequisite: Admission to candidacy for Doctor of Philosophy degree

Registration for at least 2 semesters is required of Ph.D. candidates.

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Amend section PROGRAM IN BIOCHEMISTRY Physical Facilities as follows:

The Department of Biochemistry contains approximately 16,000 square feet of well-equipped laboratory space. The following major pieces of equipment are available: preparative ultracentrifuges; analytical ultracentrifuge; scintillation counters; low background Geiger counter; radioactive strip scanners; Cary recording spectrophotometers; Gilford spectrophotometers; nuclear magnetic and electron paramagnetic resonance spectrometers; ~~[all-types-of-chromatography-apparatus;]~~ high and low voltage paper electrophoresis; sonicators, French press and other types of homogenizers for breaking cells; gas chromatography equipment; ~~[fraction-collectors;-cold-rooms;]~~ amino acid analyzers; atomic absorption spectrophotometer; fluorescence spectrophotometers; Ortec nanosecond fluorometer; Aminco-Chance dual wavelength spectrophotometer.

Amend section PROGRAM IN BIOCHEMISTRY Faculty as follows:

Chairman, Committee on Graduate Studies - David C. Wharton
Graduate Advisor - David C. Wharton

~~[Adjunct-Professor-Dale-A.-Clark]~~

~~[Atherosclerosis;-its-biochemical-mechanism;-including-the-metabolism-of-the-lipoproteins-and-their-component-lipids;-particularly-cholesterol;]~~

Professor Alan D. Elbein

Biosynthesis and metabolism of complex carbohydrates including cell walls, glycoproteins and various storage compounds. Mechanism of protein secretion. Interrelations between enzymes and various other macromolecules.

Professor Armand J. Guarino, Dean of the Graduate School

Professor Donald J. Hanahan, Chairman, Department of Biochemistry

Lipid biochemistry; mechanisms of blood coagulation[?]; membrane biochemistry.

~~[Professor-Gasper-W.-Hiatt**]~~

~~[Molecular-photobiology;-microbial-biophysics;]~~

Professor Wayne E. Magee***

Mechanisms of interferon in viral prophylaxis; synthesis of viral DNA.

Professor Jonathan S. Nishimura

Mechanisms of enzyme action with particular emphasis on transphosphorylation reactions in which coenzyme A participates. Amino acid metabolism.

Professor Merle S. Olson

Regulation of metabolic processes[?]; [M]metal cation [translocation;] and substrate transport systems; biochemical and immunological phenomena associated with tissue damage.

~~[Professor-Robert-A.-Weisman]~~

~~[The-mechanism-and-control-of-cellulose-synthesizing-enzymes/-the-role-of-adenyl-cyclase-and-cyclic-AMP-in-encystment-of-amoebas;]~~

Professor David C. Wharton

Biological oxidations especially the structure and function of cytochromes and other electron transporting metalloproteins. The application of physical techniques to the study of enzymic reactions.

Associate Professor Paul M. Horowitz

Physico-chemical studies of the structure and activity relationships of macromolecules; enzymology.

Associate Professor Roy W. Keenan

The chemistry and metabolism of the lipids, particularly the phospholipids, sphingolipids and ~~[the-investigation-of-the-factors-which-govern-the-biosynthesis-and-degradation-of-these-compounds;]~~ polyisoprenoids.

Associate Professor William P. Kolb

Immunochemistry; biochemistry of complement action.

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Associate Professor John C. Lee

Studies on the structure and function of ribonucleic acids and ribosomes.
Hemoglobin differentiation and its relationship to hemoglobinopathies.

[Adjunct-Associate-Professor-P.-Narasimha-Rao-

Total-synthesis-of-steroid-hormones;-including-labeling-with-radioisotopes;
development-of-specific-radioimmunoassays-for-hormonal-steroids;

Adjunct-Associate-Professor-John-R.-Rowlands

The-application-of-nuclear-magnetic-resonance;-electron-spin-resonance
and-magnetic-circular-dichroism-to-biological-problems;

Assistant-Professor-Marvin-E.-Chatkoff**

Molecular-actions-of-progesterone-and-estrogen-in-the-endometrium-of-the
human-uterus;-interactions-of-steroids-with-chromatin-and-their-effect
on-the-control-of-transcription-and-DNA-replication;-induced-changes-in
the-secondary-and-tertiary-structure-of-DNA.]

Assistant Professor Larry D. Barnes

Control of cyclic GMP metabolism; role of cyclic nucleotides in renal
growth; role of microtubules in vasopressin action.

Assistant Professor James F. Collins**

Connective tissue proteins of the lung; protein biosynthesis.

[Assistant-Professor-Robert-H.-Hayashi**-

Factors-involved-in-the-early-stages-of-pre-ectampsta.]

Assistant Professor Michael G. Douglas

Biosynthesis and localization of mitochondrial enzyme complexes and
metabolite transporters; viral dependent changes in membrane assembly.

Assistant Professor Arthur W. Kruski**

The structure and function of serum lipoproteins as related to athero-
sclerosis.

Assistant Professor Richard F. Luduena

Microtubule structural chemistry, assembly and function. Biochemical
evolution.

Assistant Professor Glen P. Mott**

The regulation of cholesterol and bile acid metabolism as related to
atherosclerosis.

Assistant Professor Robert D. Renthal ***

Structure and function of membranes; photoreceptors; bacteriorhodopsin.

Assistant Professor Neal C. Robinson

Membrane proteins; structure and function of enzymes; physical biochemistry.

[Assistant-Professor-Atlan-W.-Rees

Physical-biochemistry-of-macromolecules;-and-structure-and-configuration
of-chromatin;-particularly-with-respect-of-how-the-folding-or-coiling-of
DNA-strands-is-controlled-by-the-chromosomal-proteins;-other-research
interests-include-centrifugal-and-viscometric-methodology-and-the-comparison
of-structure-and-physical-properties-of-tysozymes.]

Assistant Professor Phillip C. Schaefer**

The effects of vitamin D and its metabolites on calcium metabolism.

Assistant Professor Philip Serwer

Morphogenesis, biochemistry, and genetics of bacteriophage; electron
microscopy.

Assistant Professor Robert F. Williams***

Bio-organic reaction mechanisms of biologically important molecules;
hormone receptor interactions of thyroid hormone analogs; kinetic
studies of pterins and peroxidases.

Instructor Madan G. Luthra**

Erythrocyte structure and function.

Instructor Sandra V. Weinstein

Blood coagulation factors; serine proteases.

** Staff member with joint appointment in Department of Biochemistry and
major appointment in another department[.] at the Health Science Center.

*** Staff member with joint appointment in Department of Biochemistry and
major appointment at The University of Texas at San Antonio.

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Amend section PROGRAM IN BIOCHEMISTRY Specific Degree Requirements as follows:

Applicants for admission should have a B.A. or B.S. degree and have completed the following undergraduate courses: one year of Biology, one year of Calculus, one year of Physics, one year of Organic Chemistry and one year of Physical Chemistry. Applicants lacking one of these requirements may receive acceptance contingent upon satisfactory completion of this requirement.

Students pursuing the Doctor of Philosophy degree will be expected to acquire a comprehensive knowledge of biochemistry, which will be determined by a series of written qualifying examinations. ~~[Students will also be expected to demonstrate proficiency in at least one cognate area. This may be in chemistry, microbiology, physiology, biophysics or some other suitable field.]~~ Although no minor area is required, students are encouraged to diversify their programs with courses in organic and physical chemistry, biophysics, genetics, microbiology, physiology, pharmacology, biostatistics, and computer science. A dissertation, which represents an original contribution to the field of biochemistry and which is publishable in a reputable, scholarly journal, will be required of all candidates for the degree of Doctor of Philosophy.

The requirements for the Master of Arts degree will be less rigorous than those for the Ph.D. degree. These requirements may be met by a thesis or an approved substitute.

Amend section PROGRAM IN BIOCHEMISTRY Graduate Courses as follows:

The course offerings in the Graduate Program are contingent upon adequate student enrollment.

BIOC 50511. General Biochemistry 5 semester hours

Prerequisites: General chemistry, organic chemistry and physics

This course is a survey of the field of biochemistry designed for graduate students. It covers such areas as protein structure, enzymology, the metabolism and chemistry of carbohydrates, lipids, amino acids and nucleotides as well as the synthesis and function of macromolecules. Wharton and Lee.

BIOC 50812. Cell and Molecular Biology 8 semester hours

Prerequisites: General Chemistry, organic chemistry and physics

This course is designed primarily for medical students and may be taken for graduate credit only under unusual circumstances. Topics included are the chemistry and metabolism of carbohydrates, lipids, amino acids, proteins and nucleic acids. Staff.

BIOC 50613. Dental Biochemistry 6 semester hours

Prerequisites: Organic chemistry, biology and permission of instructor

This course is primarily designed as a survey course for dental students. On a limited basis, a small number of graduate students may be accommodated. The course is basically a brief survey of the metabolism of the major classes of foodstuffs. A portion of the course deals with matters relating to the biochemistry of the oral cavity. [Weisman and Etbein:] Staff.

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BIOC 50081. Biochemical Techniques Credit to be arranged

Prerequisite: Survey course in biochemistry or permission of instructor

An introduction to the use of modern biochemical techniques and instruments, as well as a presentation of the principles governing their operation. Topics such as ultracentrifugation, high voltage electrophoresis, protein fractionation, laboratory methods in enzymology, various types of chromatography will be included. Staff.

BIOC 50174. An Introduction to Biochemical Literature 1 semester hour

Prerequisite: Permission of instructor

This course is designed to give first-year graduate students in biochemistry experience in critically reading the biochemical literature. The use of the library, verbal presentation of research findings to small groups, and the formulation and defense of research proposals will be emphasized. Olson and Staff.

Advanced Biochemistry Courses are presented in the following [eight] seven areas:

BIOC 60221. Enzymology [†]2 semester hours

Prerequisite: A survey course in biochemistry

A study of the structure, regulation and mechanism of action of enzymes. Particular emphasis will be placed on the kinetics of enzymatic reactions, structure-function relationships and the nature of allosteric interactions. Wharton[?] and Barnes.

BIOC 60222. Physical Biochemistry [†]2 semester hours

Prerequisite: A survey course in biochemistry

The theory of physical properties of biological macromolecules, including viscometry, sedimentation velocity and equilibrium, buoyant density banding, associating systems, light scattering, and optical rotatory dispersion and circular dichroism. [Rees?] Horowitz and Robinson.

BIOC 60231. Biochemistry of Carbohydrates [†]2 semester hours

Prerequisite: A survey course in biochemistry

A study of the metabolism of various monosaccharides including the biosynthesis, transformation, and degradation of these compounds. Discussions on the synthesis and turnover of various carbohydrate macromolecules such as glycoproteins and glycosaminoglycans will also be presented. Elbein.

BIOC 60241. Lipid Biochemistry [†]2 semester hours

Prerequisite: A survey course in biochemistry

This course is not intended as a survey of lipid biochemistry, but rather consists of a critical examination of selected topics in lipid chemistry and metabolism. The subjects selected for consideration will depend mainly on the current research activities in the field at the time the course is presented. [Keenan?] Hanahan and Keenan.

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†-semester-hour

Prerequisite:--A survey course in biochemistry

The specific metabolism of nucleic acids is discussed with particular emphasis on the regulation and mechanism of DNA and RNA biosynthesis. A major emphasis will be placed on the experimental methodology employed in this field. --Lee

Biochemistry of the Amino Acids

†-semester-hour

Prerequisite:--A survey course in biochemistry

A study of the chemistry and metabolism of amino acids with particular emphasis on their biosynthesis in microorganisms and animals. --Nishimura

Current Aspects of Protein Biosynthesis

†-semester-hour

Prerequisite:--A survey course in biochemistry

Consideration of the mechanism of biosynthesis of proteins; its regulation and enzymology; the relation of the RNA metabolism to protein synthesis; the structure, synthesis and function of the ribosomes; the genetic code. --Lee

Biochemistry of Development

†-semester-hour

Prerequisite:--A survey course in biochemistry; Nucleic Acid Metabolism and Protein Biosynthesis sections of Advanced Biochemistry

A critical evaluation of biochemical and molecular events during the development of selected biological systems with emphasis on eukaryotic differentiation. --Weisman]

BIOC 60251. Nucleic Acids and Protein Biosynthesis2 semester hoursPrerequisite: A survey course in biochemistry

Discussion of the specific metabolism of nucleic acids with particular emphasis on the regulation and mechanism of DNA and RNA biosynthesis. Consideration of the mechanism of biosynthesis of proteins as well as its regulation and enzymology; the structure, synthesis, and function of ribosomes; the genetic code. Lee and Serwer.

BIOC 60261. Regulation of Metabolism2 semester hoursPrerequisite: A survey course in biochemistry

Consideration of the regulation of metabolic processes. Basic concepts governing regulatory phenomena, details of the regulation of energy metabolism, and the effects of hormones will be emphasized. Olson.

BIOC 60252. Proteins and Amino Acids2 semester hoursPrerequisite: A survey course in biochemistry

A study of the structure of proteins with emphasis on methods used for structural elucidation; chemistry and metabolism of amino acids with emphasis on their biosynthesis. Nishimura and Luduena.

San Antonio Health Science CenterBIOC 50291. Special Topics in Biochemistry 2 semester hours

Prerequisite: A survey course in biochemistry

Selected topics in specialized areas of biochemistry; current views will be emphasized. Staff.BIOC 50173. Biochemistry Literature Searching 1 semester hour

Lectures and library practicum

Description, investigation and evaluation of current sources, mechanisms and procedures for the efficient retrieval of information from the biomedical literature; systems of scientific information transfer; compilation of a comprehensive bibliography on a topic in the student's field of interest in biochemistry under the supervision of a faculty member. Kronick and Biochemistry Staff.BIOC 50190. Seminar 1 semester hour

Prerequisite: A survey course in biochemistry

Selected topics of current interest will be presented. These shall be largely student presentations. The purpose of the seminar is to give the student experience in presenting scientific papers, and in critically evaluating the work presented. Staff.BIOC 60171. Supervised Teaching 1 semester hourTeaching medical or dental biochemistry under close supervision of instructors. Management of small conference teaching groups as well as formal lecture presentations will be included. Staff.BIOC 60097. Research Credit to be arranged

Independent, original research under the direction of a faculty advisor.

BIOC 60098. Thesis Credit to be arranged

Registration for at least 1 semester is required of M.A. candidates.

BIOC 70099. Dissertation Credit to be arranged

Registration for at least 2 semesters is required of Ph.D. candidates.

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Amend section PROGRAM IN [B+PHYS+ES] BIOENGINEERING Objectives of Graduate Work as follows:

[The-graduate-program-in-Biophysics-is-an-interdisciplinary-offering-from-the-Departments-of-Bioengineering,-Physiology,-and-Radiology,-and-from-Laboratory-Animal-Resources;--its-purpose-is-to-train-highly-qualified-candidates-in-specialized-biophysical-sciences-which-are-essential-to-the-education-of-students-in-the-health-sciences:]

The graduate program in Bioengineering is an interdisciplinary offering from the Departments of Bioengineering, Physiology, and Radiology, and from Laboratory Animal Resources and Computing Resources. The program is designed to train highly qualified candidates in specialized fields of bioengineering science which are essential to health care and to the education of students in the health sciences.

Amend section PROGRAM IN [B+PHYS+ES] BIOENGINEERING Programs of Graduate Work as follows:

[Biophysics] Bioengineering is an interdisciplinary field and is likely to attract graduate students with widely varying backgrounds. A rigidly designed curriculum is therefore a decided disadvantage. Each student is best served by having a curriculum designed around specific needs. In this way, deficiencies in certain areas are made up, while other courses are not required in areas of demonstrated proficiency. Each student is thus able to acquire a broad background [in-biophysics-and-related-disciplines] by completing a number of required courses, and subsequently to specialize in a particular direction by taking optional courses.

Areas of specialization in [biophysics] bioengineering include biomathematics, biostatistics, medical electronics, medical physics, health physics, radioisotope techniques, computer applications, and certain aspects of cellular physiology and biophysical chemistry. Candidates successfully completing this program will be prepared for careers in teaching and research in the health sciences.

Amend section PROGRAM IN [B+PHYS+ES] BIOENGINEERING Physical Facilities as follows:

Facilities for the program in [Biophysics] Bioengineering are distributed among the several participating departments and include a total of 15 or more research laboratory modules. The Department of Bioengineering operates an Instrument Shop, with complete facilities for machine work, glass-blowing, and electronics fabrication. An EAI 580 Analog Computer and a PDP 11/45 Digital Computer with 128K word memory are available for use by graduate students. Real-time processing facilities are available for both analog and digital data. Several terminals can be used to access the IBM 370/155 Computer at Trinity University, providing facilities for computation of large numerical problems. Facilities of the Department of Radiology are excellent for students working with ionizing radiation, and a cooperative agreement in effect with the School of Aerospace Medicine, Brooks Air Force Base, permits qualified students to use the superb radiological equipment at that institution.

Laboratories of the Department of Physiology are well equipped for the study of membrane biophysics and ionic transport phenomena. Modern facilities for animal experimentation, including histopathological examination of specimens, are provided by Laboratory Animal Resources.

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Amend section PROGRAM IN [B+PHYS+ES] BIOENGINEERING Faculty as follows:

Chairman, Committee on Graduate Studies - Caspar W. Hiatt
Graduate Advisor - Gerard J. Celitans

Professor J.H.U. Brown, Coordinator of Southwest Research Consortium
Control systems analysis; endocrine physiology.

Professor Richard G. Doney
Design of experiments, assessment and evaluation of performance.
Professor Caspar W. Hiatt[*], Chairman, Department of Bioengineering
Molecular photobiology; microbial biophysics.

Professor Malcolm D. Jones, Chairman, Department of Radiology
Effect of fusion on degenerative disc disease; soft tissue
diagnostic procedures in trauma; quantitation of experimentally
infused soft tissue lesions; longitudinal age changes in the
primate spine.

Professor Charles Levinson
Cellular metabolism, ion transport.

Professor Frederick T. Lynd*
Veterinary pathology.

Professor Robert J. Young, Acting Director, Laboratory Animal Resources
Veterinary radiology and orthopaedics.

Adjunct Associate Professor Richard A. Albanese
Mathematical models, radiation transport and diffusion theory.

Associate Professor Gerard J. Celitans
Radiation physics: beta and gamma ray spectroscopy;
mathematical biophysics.

Adjunct Associate Professor John S. Connolly
Photochemistry; non-ionizing radiobiology.

Adjunct Associate Professor George J. Gruber
Health physics; medical instrumentation and
ultrasonics; health statistics.

Associate Professor Terry M. Mkiten
Synaptic transmission; biophysics of excitable membranes.

Adjunct Associate Professor Robert P. Popovich
Biomedical engineering, mass transfer, transport phenomena.

Associate Professor Thomas C. Smith
Membrane biophysics, membrane transport.

Adjunct Associate Professor David L. Stoner
Bioengineering; biomedical instrumentation.

Adjunct Associate Professor John Taboada
Physiological optics; biomedical applications of lasers; photobiology.

Associate Professor Robert G. Waggener
Computed tomography: diagnostic applications and radiation therapy
planning; electron and photon dosimetry; new techniques in medical
physics.

Adjunct Associate Professor J. Terry Yates
Visual physiology; sensory psychology.

Adjunct Associate Professor Joseph A. Zuclich
Photobiology; ocular effects of laser radiation; laser safety
standards; electron spin resonance spectroscopy.

Assistant Professor George M. Barnwell, Jr.
Biomathematics; biostatistics; neurobiology and dynamic systems
theory of neural control systems.

Assistant Professor Marvin L. Chatkoff**
Hydrodynamics; biomechanics of reproductive tissues; macromolecular
structure studies.

Assistant Professor Ratna Datta
Radiation therapy; treatment planning with computed tomography;
electron and photon dosimetry.

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- [Adjunct] Clinical Assistant Professor David L. Goff
Radiation physics including computer applications to dosimetry and nuclear medicine.
- Assistant Professor Clair W. Goldsmith, Director of Computing Resources
Computer applications in biology and medicine.
- Assistant Professor Jack B. Johnson
Physiology data acquisition, biomedical instrumentation, computers in medicine, telemetry.
- Assistant Professor Roger J.M. McCarter
Muscular contractions and mechanics.
- Assistant Professor C. Alex McMahan
Nuclear physics, statistical methods.
- Adjunct Assistant Professor Martin L. Meltz
Radiation biology, cell and molecular biology and cell mutagenesis.
- [Assistant-Professor-Ferry-M--Mikiten
Synaptic-transmission;-biophysics-of-excitabile-membranes:]
- Adjunct Assistant Professor Raymond R. Nydegger
Electron and photon dosimetry; dose fractionation; whole-body computerized tomography.
- [Assistant-Professor-Thomas-E--Smith
Membrane-biophysics;-membrane-transport:]
- Assistant Professor George B. Vaughan, Director of Continuing Education Services
Chemical aspects of water pollution control.
- Assistant Professor James Hee K. Yoo
Biophysical control theory; biomedical instrumentation; sensor based computer application; chemosensor development and telemetry; artificial organs.
- Instructor Frank S. Stafford
Mathematical models; numerical analysis.
- Instructor Yuriy V. Terekhov
Methods and instrumentation in clinical physiology.

*Staff member with major appointment in a component of the Program in [Biophysics] Bioengineering (Bioengineering, Physiology, Laboratory Animal Resources, [and] Radiology[?]) , and Computing Resources) and a joint appointment in another department[:] in the Health Science Center.

**Staff member with a joint appointment in a component of the Program in Bioengineering (Bioengineering, Physiology, Laboratory Animal Resources, Radiology, and Computing Resources) and a major appointment in another department in the Health Science Center.

Amend section PROGRAM IN [B+OPHYS+ES] BIOENGINEERING Specific Degree Requirements as follows:

[Candidates-for-admission-to-this-program-must-have-a-B.S.-or-B.A.-degree in-science-or-engineering;-and-must-have-completed-the-following undergraduate-courses:]

- Biology:--One-year-of-general-biology
- Chemistry:--One-year-of-organic-chemistry-and-one-year-of-physical chemistry
- Physics:--One-year-of-general-physics-with-calculus-prerequisite; and-one-year-of-modern-physics;-or-equivalent
- Mathematics:--One-year-of-differential-and-integral-calculus

Qualified-students-who-have-deficiencies-in-these-areas-may-be-admitted to-the-graduate-program-with-the-stipulation-that-the-deficiencies-must be-removed-during-the-first-year-of-graduate-study.]

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[All candidates will be expected to complete a core curriculum of courses before they proceed to specialize in a certain area. The required courses comprising the core curriculum include General Biophysics, Cellular Physiology, Principles of Physiology, General Biochemistry, Nuclear Physics and Chemistry, Radiation Biology, Biostatistics, and Biology and Experimental Methods of Animal Models. Candidates will be exempted from any of these courses if they can demonstrate a proficiency in the subject.]

The program in Bioengineering is open to graduates of life sciences, physical and mathematical sciences, or engineering. Since students will be entering the program from a wide variety of disciplines, many will have deficiencies in a number of important areas. To remove any deficiencies in prerequisites or background requirements, the student may be required to take undergraduate or specialized remedial courses, chosen in consultation with the graduate advisor. Thus, students from the life sciences will be expected to emphasize mathematics, engineering, and physical sciences in their initial course work; students from the physical sciences will be expected to concentrate initially on the life sciences.

Applicants are considered on an individual basis. They must have:

1. A baccalaureate from an accredited college or university.
2. A grade point average of at least 3.00 (A=4.00) for the final 60 semester hours of undergraduate study.
3. Graduate Record Examination combined verbal and quantitative score of at least 1100, as well as a satisfactory score in the advanced test in the applicants' undergraduate field.
4. Three letters of recommendation concerning the potential of the applicant for graduate education.
5. Completed the following undergraduate courses, or their equivalent:

Biology: One year of biological science.

Chemistry: One year of organic chemistry, and one year of physical chemistry.

Physics: One year of general physics with calculus prerequisite, and one semester of electronics.

Mathematics: One year of differential and integral calculus, and one semester of statistics.

Qualified students who have deficiencies in some of these courses may be admitted to the graduate program with the stipulation that these deficiencies must be removed during the first year of graduate study.

All candidates will be expected to complete a core curriculum of courses before they proceed to specialize in a certain area. The required courses comprising the core curriculum include General Biophysics, Cell Physiology, a course in systems physiology, General Biochemistry, and Biology and Experimental Methods of Animal Models. Students will be exempted from any of these courses if they can demonstrate a proficiency in the subject.

Candidates for the Master of Arts degree must fulfill the general requirements for the degree at The University of Texas Health Science Center at San Antonio, and must submit and defend an acceptable thesis describing an original investigation of a subject in the field of [biophysics] bioengineering.

A student will be admitted to candidacy for the Doctor of Philosophy degree by demonstrating the acquisition of comprehensive knowledge of [biophysics] bioengineering through successful completion of written and oral

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qualifying examinations. Candidates will also be expected to demonstrate a reading proficiency in at least one foreign language. The Doctor of Philosophy degree will require the submission and defense of an acceptable dissertation describing a research project whose results represent an original contribution to the field of [Biophysics;] bioengineering.

Amend section PROGRAM IN [BIOPHYSICS] BIOENGINEERING Graduate Courses as follows:

The course offerings in the Graduate Program are contingent upon adequate student enrollment.

Required Courses. These courses are required of all students in [Biophysics;] Bioengineering, regardless of their area of specialization. In addition, students must take General Biochemistry, Cellular Physiology, and [Principles-of-Physiology;] a course in systems physiology.

BIOE 50311. General Biophysics I [and-++] [6]3 semester hours

Prerequisites: General biology, physical chemistry and modern physics, or consent of instructors

Lectures and occasional laboratory [~~--2-semesters;-3-semester-hours-each~~] Biophysics and the living cell; flow of energy and thermodynamics of the living cell; information theory as applied to biology; structure of matter, chemical bonds and intermolecular interactions; structure of water in biological materials; structure of amino acids, proteins and nucleic acids; structure of polysaccharides and lipids, structure of viruses, cells and membranes; methods of determining sizes, shapes and spatial relations of molecules including ultracentrifugation, X-ray analysis, absorption spectroscopy, ionizing radiation and microscopy; biophysical models of muscle, nerve and eye; the physics of dynamic cellular processes. Staff.

BIOE 50312. General Biophysics II 3 semester hours

Prerequisite: BIOE 50311

A continuation of General Biophysics I. Staff.

[Nuclear-Physics-and-Chemistry-i-and-++] 6-semester-hours

Prerequisites: ~~--Physical-chemistry-and-modern-physics;-or-consent-of instructor-~~

~~lectures-with-occasional-laboratory---2-semesters;-3-semester-hours-each~~
~~Nuclear-structure:--fundamental-particles;-binding-energy-and-nuclear~~
~~forces;-models-of-nuclear-structure:--Nuclear-reactions-and-radionuclides;~~
~~nuclear-bombardment-reactions;-particle-accelerations;~~
~~neutron-sources;-nuclear-instability-and-transformations;-natural~~
~~occurrence-of-radioactivity:--Properties-of-nuclear-radiations:-alpha-and~~
~~beta-particles;-neutrons;-X-ray-and-gamma-radiation:--Quantitative-aspects~~
~~of-radioactive-decay-and-radiation-dosimetry:--Interaction-of-radiation~~
~~with-matter:-absorption-and-energy-loss;-radiation-chemistry:-Cellitans:]~~

San Antonio Health Science Center[Radiation Biology

3-semester-hours

Prerequisite:--General Biochemistry or consent of instructor

Lectures only

Physics of radiation biology; cell survival curves; the oxygen effect; LEF and RBE; radiosensitivity and cell age in the mitotic cycle; repair of sublethal damage and dose rate effect; chemical and pharmacological modifiers; solid tumor systems and reoxygenation; cell, tissue, and tumor kinetics; sensitivity of tissues; acute effects of whole body irradiation; late effects of radiation; effects on the embryo and fetus; radiation cataractogenesis; time dose and fractionation in radiotherapy; nominal standard dose; new radiation modalities;--Metz.]

BIOE 50321. Biostatistics I

3 semester hours

For course description, see p. 000.

BIOE 50315. Biology and Experimental Methods of Animal Models

3 semester hours

For course description, see p. 000.

BIOE 50190. Seminar

1 semester hour

Selected topics in various aspects of [biophysics:] bioengineering. Staff.BIOE 60071. Supervised Teaching

Credit to be arranged

Presentation of lectures and management of conference sections under close supervision of instructors. Staff.BIOE 60097. Research

Credit to be arranged

Independent, original research under the direction of a faculty advisor.

BIOE 60098. Thesis

Credit to be arranged

Registration for at least 1 semester is required of M.A. candidates.

BIOE 70099. Dissertation

Credit to be arranged

Registration for at least 2 semesters is required of Ph.D. candidates.

Elective Courses. Students in [Biophysics] Bioengineering should select from the following list those courses relevant to their area of specialization. Most of these elective courses should be taken only after the required formal courses listed above have been completed.

San Antonio Health Science CenterIOE 60324. Biomathematics I

3 semester hours

Prerequisites: Calculus, differential equations, statistics, linear algebra

Lectures only

Introduction to biomathematics. Analytical survey of several mathematical models of biosystems, emphasizing value of mathematical models in biology, importance of assumptions, model behavior, and validity. Barnwell.

IOE 60325. Biomathematics II

3 semester hours

Prerequisite: Biomathematics I

Lectures only

Continuing examination of models from all areas of biology. In addition, students will apply modeling principles by construction of their own models. Barnwell.

BIOE 60326. Advanced Topics in Biomathematics

1 to 3 semester hours

Prerequisite: Biomathematics II, or consent of instructor

Lectures and seminars

Current developments in biomathematics. Staff.

BIOE 60331. Theoretical Biology

3 semester hours

Prerequisites: Physical chemistry and General Biochemistry, or consent on instructors

Lectures and seminars

Fundamental questions of physical basis of life processes; theoretical foundation of population genetics; molecular radiobiology; mathematical formulation of CNS nerve networks; general perception theory; energy transfer and biochemical synthesis; irreversible thermodynamics and applications to life processes; coding and information theory; theoretical cell biology. Staff.

BIOE 60332. Mathematical Neurobiology

3 semester hours

Prerequisites: Calculus, statistics, physiology or neurophysiology

Lectures only

Mathematical foundations of experimental neurophysiology and survey of mathematical models of single neuron, nerve network, and brain function. Mathematical descriptions of membrane phenomena, electrotonus, action potentials, cable theory, synaptic transmission, and transmitter-reception kinetics. Hodgkin-Huxley equations, McCulloch-Pitts neuron, von Neumann's probabilistic logics, Rall's equivalent cylinder dendritic model, and a variety of models of nerve nets, neural circuits, and neural masses. Barnwell.

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IOE 60304. Quantum Mechanics 3 semester hours

Prerequisite: Modern physics, or consent of instructors

Lectures only
Principles of quantum mechanics and quantum processes in physics, chemistry and biology. Yoo and Cellitans.

BIOE 50322. Biostatistics II 3 semester hours

Prerequisite: Biostatistics I or consent of instructor

Lectures and application problems
Non-normal, non-parametric statistical methods, their underlying assumptions and their uses. Multiple correlation and regression, including stepwise, inductive and canonical correlation; analysis of variance, analysis of complex variance, non-normal and non-parametric statistics forms. Emphasis on research design. Domey.

BIOE 60323. Selected Topics in Biostatistics 3 semester hours

Prerequisite: Biostatistics I and II, or consent of instructors

Lectures only
Advanced statistical methods as applied to design and interpretation of experiments. Staff.

PHYL 60322. Membrane Biophysics 3 semester hours

For course description, see p. 000.

PHYL 60325. Mathematical Physiology 3 semester hours

For course description, see p. 000.

PHYL 60333. Physiology of Nerve and Muscle 3 semester hours

For course description, see p. 000.

BIOE 60234. Selected Topics in Cell Physiology 2 semester hours

Prerequisite: Principles of Physiology or consent of instructors

Lectures only
Current views of cellular control mechanisms, including membrane phenomena and organelle function. Staff.

BIOE 60336. Molecular Photobiology 3 semester hours

Prerequisite: General Biochemistry or consent of instructor

Lectures only
Effects of ultraviolet and visible light upon cells, viruses, nucleic acids, and proteins; reactivation phenomena and their implications in molecular biology. Hiatt.

San Antonio Health Science CenterBIOE 50305. Nuclear Physics and Chemistry I 3 semester hoursPrerequisites: Physical chemistry and modern physics or consent of instructorLectures with occasional laboratoryNuclear structure: fundamental particles, binding energy and nuclear forces, models of nuclear structure. Nuclear reactions and radionuclides; nuclear bombardment reactions, particle accelerations, neutron sources; nuclear instability and transformations, natural occurrence of radioactivity. Properties of nuclear radiations: alpha and beta particles, neutrons, X-ray and gamma-radiation. Quantitative aspects of radioactive decay and radiation dosimetry. Interaction of radiation with matter: absorption and energy loss; radiation chemistry. Cellitans.BIOE 50306. Nuclear Physics and Chemistry II 3 semester hoursPrerequisite: BIOE 50305A continuation of Nuclear Physics and Chemistry I. Cellitans.BIOE 60352. Radiation Biology 3 semester hoursPrerequisite: General Biochemistry or consent of instructorLectures onlyPhysics of radiation biology; cell-survival curves; the oxygen effect; LET and RBE; radiosensitivity and cell age in the mitotic cycle; repair of sublethal damage and dose-rate effect; chemical and pharmacological modifiers; solid tumor systems and reoxygenation; cell, tissue, and tumor kinetics; sensitivity of tissues; acute effects of whole-body irradiation; late effects of radiation; effects on the embryo and fetus; radiation cataractogenesis; time dose and fractionation in radiotherapy; nominal standard dose; new radiation modalities. Datta.BIOE 60353. Principles of Health Physics 3 semester hoursPrerequisites: Nuclear Physics and Chemistry I and II, or consent of instructorLectures onlyBasic fundamentals of protection against both ionizing and non-ionizing radiation. Principles of radiation measurements and instrumentation. Laws and regulations concerning exposure to radiation, concept of permissible dose and determination of maximum permissible dose; dosimetry of external radiation fields and internal emitters. Calculation of shielding requirements and protective measures. Waggener.BIOE 60454. Medical Radiation Physics I [and-++] [8]4 semester hoursPrerequisites: Nuclear Physics and Chemistry I and II, or consent of instructorLectures with weekly laboratoryMeasurement and characterization of ionizing and radiation fields. Dosimetry of ionizing radiation. Characterization and measurement of radiation distributions in vivo from external beams, implants, internal applicators and internal isotopes. Waggener.

San Antonio Health Science CenterBIOE 60455. Medical Radiation Physics II 4 semester hoursPrerequisite: BIOE 60454A continuation of Radiation Physics I. Waggener.BIOE 60356. Advanced Medical Radiation Physics I [and II] [6] 3 semester hoursPrerequisite: Medical Radiation Physics I and II, or consent of instructor

Lectures and seminars [2-semester; 3-semester-hours-each]
 [A systematic study of the source material used in medical radiation physics and health physics;--The publications of the National Council on Radiation Protection (NCRP);--International Commission on Radiation Protection (ICRP);--and International Commission on Radiological Units (ICRU)--are particularly covered;--Waggener]

Current topics of interest, e.g. computed tomography; computer applications.
May be repeated for credit only if course topic changes. Waggener.

BIOE 60357. Advanced Medical Radiation Physics II 3 semester hoursPrerequisite: BIOE 60356A continuation of Advanced Medical Radiation Physics I. Waggener.BIOE 60381. Radiation Instrumentation 3 semester hoursPrerequisites: Nuclear Physics and Chemistry I and II, or consent of instructor

2 hours lecture, 1 hour laboratory per week
 Radiation detectors; ionization, scintillation and solid-state devices. Modular instrumentation units, elements of pulse circuits, multichannel analyzers; X-ray generators, cyclotrons, neutron piles. Calitans.

BIOE 60482. Biomedical Instrumentation 4 semester hoursPrerequisite: Consent of instructor

Lectures and laboratory
 Principles of operation and techniques for application of transducers, amplifiers, recorders, oscilloscopes, and other instruments commonly used to measure physiological variables in the clinic or laboratory. Staff.

BIOE 60383. Biophysical Electronics 3 semester hoursPrerequisite: General physics or consent of instructor

Lectures with occasional laboratory
 Review of basic electronic circuitry and modern electronic instrumentation for biophysical research; various modern biomedical and electrochemical transducers; ultrasonics and detectors; introduction to basic electromagnetism and applications to biophysical research, including NMR, ESR, Raman, IR, UV, microwave and optical spectroscopy systems and techniques. Yoo.

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BIOE 60363. Analog and Digital Electronics 3 semester hours

Prerequisite: General physics, or consent of instructor

Lectures and laboratories

Circuit theories for network analysis; modern solid-state IC's and miniaturization; operational amplifiers; analog multiplexers and interfacing problems; analog and digital on-line operations; digital logic; A/D and D/A conversion techniques; mini- and micro-computers; digital multiplexers; software for digital interfacing and multiprogramming; evaluation and search methods for quality electric components and systems; analog and digital computer systems and their interfacing techniques. Yoo.

BIOE 60364. Analog Simulation 3 semester hours

Prerequisite: Consent of instructor

2 hours lecture, 1 hour laboratory per week
Analog computer programming, including iterative techniques and application of the analog computer to simulation of biological systems. Hiatt.

BIOE 60365. Biological Control Systems 3 semester hours

Prerequisite: Analog simulation, or consent of instructors

Lectures only

Overview of multivariable biosystem theories, state variable equations, and matrix representations; biosystem analysis using Laplace transformation, impulse and systems functions; Liapunov's direct methods for biosystem stability determination and various modified Liapunov's stability theorem; instability problems of nonlinear thermodynamic systems; basics of biological models and the simulations; distributive electrical circuit modeling; various examples of biosystem and physiological networks including neuromuscular networks; biorhythms, cancer and cardiovascular controls. Yoo and Hiatt.

BIOE 50361. Computers in the Health Sciences 3 semester hours

Prerequisite: Calculus, or consent of instructor

Lectures only

Digital and analog computers and their applications in the health sciences: binary logic and computer hardware; operating systems and data structures; interactive and batch modes; laboratory computers and real-time data handling; programming languages and application packages; data base design. Stafford. [and-Gettans:]

BIOE 50362. Scientific Computer Programming 3 semester hours

Prerequisite: [~~Computers-in-the-Health-Science;~~] Calculus or consent of instructor

Lectures only

Introduction to digital computers, input and output concepts, and computer programming; Fortran and its use in the solution of scientific problems with emphasis on numerical methods. Stafford.

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BIOE 60327. Computer-oriented Approaches to Pattern Recognition 3 semester hours

Prerequisites: Calculus, statistics

Lectures only

Basic concepts of pattern recognition, statistical methods, optimization techniques, discriminant functions, cluster analysis, feature selection, other topics, and applications to biomedical research. Barnwell.

BIOE 50316. Experimental and Developmental Surgical Methods of Animal Models 3 semester hours

For course description, see p. 000.

BIOE 50172. [Biophysics] Bioengineering Literature Searching 1 semester hour

Lectures and library practicum

Description, investigation and evaluation of current sources, mechanisms and procedures for the efficient retrieval of information from the biomedical literature; systems of scientific information transfer; compilation of a comprehensive bibliography on a topic in the student's field of interest in [biophysics] bioengineering under the supervision of a faculty advisor. Kronick and [Biophysics] Bioengineering Staff.

BIOE 60391. Selected Topics in Biophysics. 3 semester hours

Prerequisite: Consent of instructors

Current developments in biophysics. Staff.

BIOE 60392. Selected Topics in Bioengineering 3 semester hours

Prerequisite: Consent of instructors

Current developments in bioengineering. Staff.

Supplementary Courses. These courses are offered primarily to students in programs other than [Biophysics] Bioengineering; however, students in the [Biophysics] Bioengineering program may take some of these courses if they are deficient in those areas.

[Calculus] 3-semester-hours

Prerequisite: College algebra and coordinate geometry

Lectures only

Functions of a single variable; differential and integral calculus of single variable functions; functions of more than one variable; introduction to partial derivatives and differential equations; applications to problems in the biological sciences; --Celltans.

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BIOE 50301. Physical Chemistry I [and-++] [6] 3 semester hours

Prerequisites: General physics and calculus, or consent of instructor

Lectures only [~~--2-semesters;~~~~--3-semester-hours-each~~]
Thermodynamics; chemical equilibria; electrochemistry; surface chemistry; chemical kinetics; irreversible processes; quantum chemistry; spectroscopy, statistical mechanics, theory of kinetics and photochemistry; crystal structure and other structural methods; nuclear and radiation chemistry. Celitans.

BIOE 50302. Physical Chemistry II 3 semester hours

Prerequisite: BIOE 50301

A continuation of Physical Chemistry I. Celitans.

BIOE 50303. Modern Physics 3 semester hours

Prerequisites: General physics and calculus, or consent of instructor

Lectures only
A one-semester survey course covering the topics of: special relativity; duality of particles and waves; elementary particles and statistical physics; introductory quantum mechanics in atomic and nuclear physics. Celitans.

BIOE 50351. Isotopes in Biology and Medicine 3 semester hours

Prerequisite: General Physics, or consent of instructors

Lectures with occasional laboratory
Radiation detection methods; statistics; assay of isotopes, preparation of tagged compounds, use of isotopes in animals, use of isotopes in humans; radiation protection. Staff.

BIOE 50315. Biology and Experimental Methods of Animal Models 3 semester hours

Prerequisite: Consent of instructors
Maximum number of students: 12

2 lectures and one 2-hour laboratory per week
Comparative structure and function of commonly used laboratory animal models; experiments involving animals; forensic responsibilities of investigators; animal experimental design. Preference will be given to students admitted to Graduate Programs. [Fremming;] Lynd and Young.

BIOE 50316. Experimental and Developmental Surgical Methods of Animal Models 3 semester hours

Prerequisite: Consent of instructors

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2 lectures and one 3-hour laboratory per week
Fundamentals of experimental surgery; principles of developmental
research procedures; methods of viable organ and tissue preparations.
[Fremming;] Lynd and Young.

BIOE 50321. Biostatistics I

3 semester hours

Prerequisite: Consent of instructor

Lectures and application problems
Descriptive statistics and applications. Emphasis of this course is
upon applications to biological problems: normal curve tendency and
variability, probability, confidence intervals, central tendency and
variability, skewness and kurtosis, and transformations. Comparative
statistics and tests of hypothesis with applications: introduction to
design of experiments, tests of hypothesis, assumptions, F tests, dis-
tributions, comparisons of measures of central tendency and variability,
correlation and introduction to bioassay and probit analysis. Barnwell.

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Amend section PROGRAM IN MICROBIOLOGY Physical Facilities as follows:

The Department occupies about 14,000 square feet of space, approximately 9,000 of which are utilized to provide 18 well-equipped research laboratories, instrument rooms, and an electron microscopy suite including complete dark room facilities with high resolution electron microscope, vacuum evaporator, Nikon comparator, microtome and knife maker. Major equipment includes a Model E analytical centrifuge, ultracentrifuges, numerous spectrophotometers, liquid scintillation counters, gamma counters, lyophilizing equipment, Ribi cell fractionator, large volume fermentor, and high voltage electrophoresis equipment. Adequate facilities are available for growth of large quantities of bacteria, fungi and viruses; cold rooms provide space both for experimental work at reduced temperatures and for storage; limited space in ultra low temperature freezers and liquid nitrogen banks is available to staff and students.

Amend section PROGRAM IN MICROBIOLOGY Faculty as follows:

Chairman, Committee on Graduate Studies - Alexis Shelokov
Graduate Advisor - Joe A. Bass

Professor Joe A. Bass

Mechanisms of bacterial pathogenicity; host response to bacterial infection; nosocomial and opportunistic infections.

Professor William T. Kniker**

Immunopathology: in vivo and in vitro mechanisms of immunologically induced diseases; detection and characterization of immune reactants; mediators of inflammation; pharmacologic blocking of mediator systems. The biologic significance of vascular basement membranes and their soluble products. Isolation and characterization of group and strain specific microbial antigens.

Professor Evelyn L. Oginsky, Associate Dean of the Graduate School
Physiology and metabolism of bacteria.

Professor Robert H. Persellin**

Naturally occurring regulators of inflammation; modifiers of lysosome permeability.

Professor Alexis Shelokov, Chairman, Department of Microbiology
Etiology and pathogenesis of viral diseases; viral vaccines; epidemiology and control of infectious diseases, tropical infectious diseases; arthropod-borne viruses; epidemic hemorrhagic fevers.

Professor Kendall O. Smith

Latent and masked viruses; the possible role of viruses in cancer; [and] viral immunology; chronic degenerative viral diseases in humans.

Professor Robert L. Taylor

Medical mycology - the immunogens of pathogenic fungi and their role in humoral and cell-mediated responses in experimental models. Broad aspects of the laboratory diagnosis and epidemiology of mycoses. Ecology of pathogenic fungi.

[Associate] Professor Daniel E. Thor*

Cellular immunology and the production of mediator substances.
Clinical and basic immunology and in vitro models of cell-mediated immunity. Carcinogens and cell-associated antigens of tumor immunity. Applied immunology in clinical infectious disease and pathology.

Associate Professor Jerry J. Eller**

The pathogenesis and immunology of myxovirus infections, particularly surface immunity.

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Associate Professor Charles J. Gauntt

Mechanisms of induction of myocarditis in mice by coxsackieviruses; biochemistry and biology of replication of rhinoviruses and group B arboviruses; mechanisms of induction of interferon in cells in tissue culture.

[Assistant] Associate Professor John T. Harrington, Jr.**

Cell-mediated immunity in neoplasia and autoimmune disease.

Associate Professor Thomas T. Hubscher

Immunological mechanisms in the allergic inflammatory reaction. Role of antibodies, target cells and mediators. Immunopharmacological control of allergic disease. Mechanisms of phagocytosis. Clinical and basic immunology.

Associate Professor Ronald E. Paque

Subcellular components in delayed hypersensitivity, tumor immunology, chemically defined antigens, and molecular biology of delayed responses. Immune mechanisms of viral-induced myocarditis.

Associate Professor Barbara A. Sanford

[Pathogenic-bacteriology-and-tumor-immunology:]

Immunobacteriology; host-parasite relations in periodontal disease; bacterial synergism in infectious diseases.

[Associate-Professor-Bantel-E.-Thor*]

Cellular-immunology-and-the-production-of-mediator-substances; Clinical-and-basic-immunology-and-in-vitro-models-of cell-mediated-immunity;--Carcinogens-and-cell-associated antigens-of-tumor-immunity;--Applied-immunology-in-clinical-infectious-disease-and-pathology:]

Associate Professor Wendell D. Winters

Immunovirology; tumor viruses and tumor immunology.

Assistant Professor Paul S. Duffey

Regulation of the immune response, with particular reference to murine leukemia and immunopathological disease states.

[Assistant-Professor-John-T.-Harrington,-Jr.**]

Cell-mediated-immunity-in-neoplasia-and-autoimmune-disease:]

Assistant Professor James H. Jorgensen**

Clinical microbiology; pathogenic bacteriology, with special interest in endotoxemia.

Assistant Professor Robert D. King

Mechanisms of fungal pathogenicity; isolation and characterization of fungal virulence factors and characterization of host immune response; genetics of fungal pathogens.

Assistant Professor Stephen J. Mattingly

Physiology of bacteria associated with dental caries. Group B streptococcal infections.

Assistant Professor Eric E.M. Moody

Molecular genetics - the regulation of DNA replication, recombination and repair systems. The [evaluation] evolution and epidemiology of transmissible plasmids with special emphasis on transferable antibiotic resistance factors. Mechanisms of antibiotic resistance in Neisseria gonorrhoeae. [Genetics of mammalian cells.]

[Instructor] Assistant Professor David C. Straus

Microbial pathogenicity and host response; bacterial toxins; carrier-mediated nutrient transport in phagocytic cells.

Assistant Professor Virginia L. Thomas

Host-parasite relations in bacterial infections.

[Instructor--Noel-R.-Funderburk**]

Clinical-microbiology;-with-special-interest-in-anaerobic bacteriology:]

[Instructor-David-C.-Straus]

Microbial-pathogenicity-and-host-response;-bacterial-toxins; carrier-mediated-nutritite-transport-in-phagocytic-cells:]

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* Staff member with major appointment in the Department of Microbiology and a joint appointment in another department[?] in the Health Science Center.

** Staff member with joint appointment in Department of Microbiology and major appointment in another department[?] in the Health Science Center.

Amend section PROGRAM IN MICROBIOLOGY Specific Degree Requirements as follows:

Special emphasis is placed on flexibility in graduate degree programs in microbiology and immunology so they may relate to the interests, purposes and needs of the individual students. Opportunity is provided to develop deep insight into the fundamental principles and advanced theories of the [~~disciplines~~] many areas of microbiology through course work, independent study and research, and participation in discussion groups. In general, three to four years are required to complete a doctoral program.

Candidates for admission to the Microbiology Program should possess a broad general education, including a B.S. or B.A. degree in science, preferably with a major in microbiology. A minimum of 12 semester hours in microbiology courses is a prerequisite to admission to the Program. Adequate subject preparation also includes satisfactory completion of the following undergraduate courses:

Chemistry: Two years. One year of general chemistry and one year of organic chemistry or biochemistry.

Physics: One year of general physics.

Mathematics: A minimum of one semester of calculus.

Past academic performance should be of sufficiently high quality to warrant further progress in scholarly activity. Potential for future academic and career success as well as for leadership will be considered.

For the Master of Arts degree a minimum of 30 semester hours including the research for the thesis is required. Of these, from six to nine hours of work at graduate level in [~~another area or areas comprise the minor field--Priority is given to applicants for the Ph.D. degree over applicants for the M.A. degree--~~] a discipline other than microbiology comprise the minor field.

For the Doctor of Philosophy degree no specific number of semester hours has been set, although admission to candidacy is contingent upon satisfactory performance on written and oral qualifying examinations covering a broad core curriculum[?], as well as the student's potential for productive and independent investigation. Students holding a master's degree must take the qualifying examinations within 15 months after admission to the program, whereas [~~those~~] students holding only a bachelor's degree must take the qualifying examinations within 24 months after admission. The examinations will test for proficiency in the following fields: immunology, virology, pathogenic bacteriology and mycology, bacterial genetics and physiology, and related minor area, usually biochemistry. The Committee on Graduate Studies will recommend the student for candidacy for the Ph.D. degree following satisfactory performance [on] in the qualifying examinations[?] and independent research.

Following admission to candidacy, a carefully selected Supervising Committee chaired by the student's Supervising Professor, will review the student's choice of a research problem and proposals for its solution. The student will

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submit periodic written and oral reports, and will meet with the Supervising Committee at least twice a year to review progress on the dissertation research problem. Following completion of the dissertation and certification by the Supervising Committee of the suitability of the dissertation for the final examination, the candidate will present a public seminar based on the dissertation and will subsequently defend the dissertation in closed [section] session with the Supervising Committee and invited guests. The awarding of the Ph.D. degree is recommended based on evidence of the candidate's knowledge and skills in the selected field of specialization and ability to do independent and original research in that area, as judged by the Supervising Committee.

Participation in graduate courses will be largely restricted to those individuals who are enrolled in a graduate program. Special students with the necessary prerequisites may register for credit in courses by obtaining the approval of both the instructor and the graduate advisor. Under certain circumstances, a limited number of visitors may be allowed to participate in a segment of a course but regular attendance will not be permitted. Graduate students and members of the faculty may be admitted to classes as auditors through consent of the instructor.

Amend section PROGRAM IN MICROBIOLOGY Graduate Courses as follows:

The course offerings in the Graduate Program are contingent upon adequate student enrollment.

REQUIRED COURSES

MICR 50311. Medical Microbiology 3 [or-4] semester hours

Prerequisite: Consent of instructor

Lectures only [~~--3-semester-hours;-lectures;-tutorials-and-laboratory---4 semester-hours-;~~]

Emphasis on medical aspects of immunology, virology, bacteriology, mycology and parasitology. The first year medical school or dental school courses will serve as an integral part of the course and the base for additional study. Staff.

MICR 50411. Medical Microbiology 4 semester hours

Prerequisite: Consent of instructor

Lectures, tutorials and laboratory

Course MICR 50311 above, with addition of tutorial and laboratory sessions.
Staff.

MICR 50421. Microbial Physiology 4 semester hours

Prerequisite: General or Medical Microbiology and General Biochemistry.

Lectures and laboratory

Bacterial cell envelopes; extracellular and cell-surface enzymes; membrane transport; endogenous metabolism; bacterial growth; biosynthesis and degradation of small molecules; energy metabolism; diversity in bacterial physiology. Oginsky and Mattingly.

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MICR 50323. Microbial Genetics 3 semester hours

Prerequisites: General or Medical Microbiology, General Biochemistry (or elementary genetics) and consent of instructor

Lectures, conferences and laboratory
Study of genetics of microbial organisms including biosynthesis of macromolecules, mechanisms of transfer of genetic information, mutation and mutagenesis and regulatory mechanisms. Moody.

MICR 50331. Pathogenic Bacteriology 3 semester hours

Prerequisite: [~~General~~-or] Medical Microbiology or consent of instructor

Lectures only
Concerned primarily with bacterial diseases in man, with particular emphasis on [~~mechanisms-by-which-bacteria-produce-disease-as-well-as host-parasite-interactions~~]; pathogenesis, host-response and epidemiology. Bass [~~;-Thomas~~] and Straus.

MICR 50441. Introduction to Virology 4 semester hours

Prerequisites: General Biology, General or Medical Microbiology, General Biochemistry and consent of instructor

Lectures and laboratory
Lectures: Basic non-medical general virology with emphasis on molecular and cellular biology and animal viruses (physical and chemical properties, biology of multiplication, effects on host cells, genetics, Interferon). Laboratory: experimental work to emphasize the basic properties of viruses and their interactions with host cells. Smith [~~and~~], Gauntt [~~;~~] and Winters.

MICR 50351. Introduction to Immunology 3 semester hours

Prerequisite: Consent of instructor

Lectures only
Study of immune-response - both cellular and antibody-mediated immune reactions: (1) anatomy and physiology of the immune response; (2) initiation of antibody formation; (3) control of antibody formation; (4) unresponsiveness; (5) antigen-antibody union; (6) antigen-antibody reaction; (7) lymphocyte activation and mediators; (8) transplantation immunology; (9) complement; (10) antibody-mediated immunopathology; (11) tumor immunology; (12) cell-mediated immunopathology. Paque, [~~and~~] Sanford [~~;~~], Hubscher, Winters and Duffey.

[Parasitic-Protozoology-and-Helminthology] 3-semester-hours

Prerequisite:--~~Medical~~-Microbiology

Lectures-and-laboratory
~~Study-of-the-biology-of-the-parasites-and-methods-of-identification;-as well-as-epidemiology;-prevention-and-control-of-parasitic-diseases;~~

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CR 50332. Pathogenic Fungi 3 semester hours

Prerequisite: Consent of instructor

lectures and laboratory study of the fungi which cause disease in man and animals with emphasis in diagnosis, epidemiology and public health significance. Taylor [?] and Ing.

MICR 50190. Seminar 1 semester hour

Presentation and discussion of original and published research work by students and staff and occasionally by outside scientists. All students enrolled in Graduate Program in Microbiology are required to attend. Staff.

MICR 60071. Supervised Teaching Credit to be arranged

Prerequisite: Consent of chairman of department

Teaching under the close supervision of instructors as laboratory assistants and as leaders in tutorial or review sessions. The more advanced students may present formal lectures in the classrooms or lead discussions in the laboratory. Staff.

MICR 60097. Research Credit to be arranged

Independent, original research under the direction of a faculty advisor. May be conducted in bacteriology, virology, mycology, parasitology and immunology.

MICR 60098. Thesis Credit to be arranged

Registration for at least 1 semester is required of M.A. candidates.

MICR 70099. Dissertation Credit to be arranged

Registration for at least 2 semesters is required of Ph.D. candidates.

ELECTIVE COURSES

Clinical and Diagnostic Microbiology

MICR 50261. Bacteriology 2 semester hours

Prerequisite: Consent of instructor

Methods and techniques for laboratory diagnosis of diseases caused by [microbial-agents]bacteria. Jorgensen.

MICR 50262. Virology 2 semester hours

Prerequisite: Consent of instructor

Methods and techniques for laboratory diagnosis of diseases caused by [microbial-agents]viruses. Jorgensen.

San Antonio Health Science CenterMICR 50263. Parasitology

2 semester hours

Prerequisite: Consent of instructor

Methods and techniques for laboratory diagnosis of diseases caused by [microbial-agents]parasites. Jorgensen.

MICR 60333. Mechanisms of Bacterial Pathogenicity

3 semester hours

Prerequisites: Medical Microbiology and Pathogenic Bacteriology or consent of instructor

Lectures only

Concerned primarily with bacterial diseases in mammals and the mechanisms by which bacteria cause these diseases. Strong emphasis will be placed on the nature and mode of action of bacterial toxins, on mechanisms of adherence, and on factors associated with invasiveness. Straus.

MICR 60334. Host-Parasite Relationships in Bacterial Infections

3 semester hours

Prerequisite: Pathogenic Bacteriology and consent of instructor.

Literature review, conferences and selected laboratory exercises. In-depth consideration of selected bacterial diseases in man, with emphasis on pathogenicity, pathogenesis, and the host's innate and acquired resistance to infection. Thomas.

Advanced Virology

Individual sections may be taken for credit

MICR 60342. Oncogenic Viruses

3 semester hours

Lectures only

Current concepts and research in the area of oncogenic viruses. Studies would cover the historical developments in this field as well as the biology, immunology and biochemical characteristics of selected "model" agents. Smith.

MICR 60343. Slow and Latent Viruses

3 semester hours

Lectures only

Study of recent developments with emphasis on human diseases. Smith.

MICR 60344. Molecular Basis of Animal Virology

[2]3 semester hours

Prerequisites: Introduction to Virology, General Biochemistry and consent of instructor

Lectures only

Current concepts in the biochemistry of viral replication and cellular response to infection. Gauntt.

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Advanced Immunology

Individual sections may be taken for credit.

MICR 60352. Immunobiology 3 semester hours

Prerequisite: Introduction to Immunology or consent of Instructor

Lectures only

Phylogeny and ontogeny of the immune response; immunobiology of lymphocytes, plasma cells and macrophages; immunosuppression, immunologic reconstitution and immunopathology; inflammation, immunity and infection; immunologic and clinical aspects of delayed type hypersensitivity; cell-mediated immunity to infection, tumors and transplantation; disorders of the immune system and immunodeficiency diseases. Thor[?] and Staff.

MICR 60353. Immunochemistry 3 semester hours

Prerequisites: General Biochemistry and Introduction to Immunology or consent of instructor

Lectures only

Immunogenicity and antigenicity; antibody formation, structure and function; complement activity; enzymatic reactions; immunogenetics; physico-chemical studies of immunoglobulins. Thor and Paque.

MICR 60454. Experimental Immunology and Immunopathology 4 semester hours

Prerequisite: Introduction to Immunology or consent of instructor

Lectures and laboratory

Experimental methods used in vitro and in vivo for study of antibody-mediated and the lymphocyte-mediated systems of immunity. Where possible, in vitro correlates will be compared with in vivo examples of the various immunologic mechanisms and associated immunopathologic conditions. Thor.

MICR 60364. Epidemiology 3 semester hours

Prerequisites: Medical Microbiology and consent of instructor

Lectures only

Principles of epidemiology as related to occurrence and control of infectious diseases. Shelokov.

MICR 60345. Viral Immunology 3 semester hours

Prerequisites: Introduction to Virology and Introduction to Immunology or consent of instructor

Lectures only

In-depth analysis of current and classical literature in the areas of immunovirology, biology and biochemistry of animal and human virus-induced cancer. Emphasis will be placed on fundamental studies involving cellular and humoral immunity to viral antigens and to viral-induced tumor antigens. Studies of transformation and tumor induction by animal and human viruses and viral co-carcinogenesis will be discussed and evaluated. Winters.

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MICR 60424. Advanced Microbial Genetics 4 semester hours

Prerequisites: Microbial Genetics and consent of instructor

Lectures, conferences and laboratory
In-depth study of selected areas of microbial genetics. Presentation and discussion of current literature in these areas. Development of proficiency in the techniques of microbial and molecular genetics.
Moody.

MICR 60322. Advanced Microbial Physiology 3 semester hours

Prerequisites: Microbial Physiology and consent of instructor

Lectures, conferences and laboratory
Current concepts and experimental studies in microbial structure-function relationships and regulatory mechanisms. Mattingly.

MICR 50081. Techniques in Microbiology Credit to be arranged

Prerequisite: Consent of instructors

Any number of sections may be taken for credit, but no section may be repeated for credit.
Principles and application of key techniques employed in microbiology and immunology.

1. Cell and organ culture
2. Purification methodology
3. Electron microscopy and ultrastructure
4. Fluorescence microscopy and spectroscopy
5. Use of radioisotopes
6. Radioimmunoassay
7. Viral diagnostic procedures
8. Immunologic techniques
9. Ultracentrifugation
10. Radial immunodiffusion

Staff.

[Epidemiology] 3-semester-hours

Prerequisites: ~~Medical Microbiology and consent of instructor~~

~~Lectures only
Principles of epidemiology as related to occurrence and control of infectious diseases: Shetkov.~~

MICR 50335. Parasitic Protozoology and Helminthology 3 semester hours

Prerequisite: Medical Microbiology

Lectures and laboratory
Study of the biology of the parasites and methods of identification, as well as epidemiology, prevention and control of parasitic diseases.

San Antonio Health Science CenterMICR 50092. Special Problems

Credit to be arranged

Prerequisite: Consent of instructors

Course provides an opportunity for the student to engage in a special research project or to develop a proficiency in the use of certain laboratory methods. Staff.

MICR 50091. Special TopicsCredit to be arranged

Student will select a topic and develop a bibliography of the pertinent literature. Staff.

MICR 50173. Microbiology Literature Searching 1 semester hour

Lectures and library practicum

Description, investigation and evaluation of current sources, mechanisms and procedures for the efficient retrieval of information from the biomedical literature; systems of scientific information transfer: compilation of a comprehensive bibliography on a topic in the student's field of interest in microbiology under the supervision of a faculty member. Kronick and Microbiology Staff.

[Seminar

1-semester-hours

Presentation-and-discussion-of-original-and-published-research-work-by students-and-staff-and-occasionally-by-outside-scientists:--All-students-enrolled-in-Graduate-Program-in-Microbiology-are-required-to-attend. Staff:]

[Special Topics

Credit-to-be-arranged

Students-will-select-a-topic-and-develop-a-bibliography-of-the-pertinent literature:--Staff:]

[Supervised Teaching

Credit-to-be-arranged

Prerequisite:--Consent-of-chairman-of-department

Teaching-under-the-close-supervision-of-instructors-as-laboratory assistants-and-as-leaders-in-tutorial-or-review-sessions:--The-more advanced-students-may-present-format-lectures-in-the-classrooms-or-lead discussions-in-the-laboratory:--Staff:]

[Research-

Credit-to-be-arranged

Independent;-original-research-under-the-direction-of-a-faculty-advisor: May-be-conducted-in-bacteriology;-virology;-mycology;-parasitology-and immunology:]

San Antonio Health Science Center[Thesis

Credit-to-be-arranged

Registration-for-at-least-1-semester-is-required-of-M.A.-candidates.]

[Dissertation

Credit-to-be-arranged

Registration-for-at-least-2-semesters-is-required-of-Ph.D.-candidates.]

San Antonio Health Science Center

Add new section PROGRAM IN NURSING as follows:

PROGRAM IN NURSING

Objectives of Graduate Work

The Graduate Program in Nursing is designed to provide qualified individuals with an education which will enable them to make significant contributions to the improvement of health care and the advancement of nursing practice. The purpose of this program leading to the degree of Master of Science in Nursing is to prepare nurses to assume principal functional roles as educators, researchers, administrators, clinical specialists, consultants, or varied combinations of these roles.

Programs of Graduate Work

The members of the faculty of The University of Texas School of Nursing at San Antonio serve as the primary faculty of the Graduate Program in Nursing. In addition, the instructional program is enriched by the participation of faculty associates, who include both faculty members of other schools of the Health Science Center and nurses in administrative and practice positions in health care agencies in the community.

The curriculum is organized into five areas: (1) required core courses; (2) specialized clinical content courses in medical-surgical, psychiatric, or maternal/parent-child health nursing; (3) functional content courses in teaching, administration, or clinical specialization; (4) research and thesis courses; (5) electives. The student must complete a clinical major and may select one or more functional majors. A thesis is encouraged, but not required. While selected graduate courses may be offered during the summer session, students should not anticipate completing a program leading to the Master of Science in Nursing in less than three semesters of full-time study, or the part-time equivalent. An Evening Division was initiated in the fall of 1976 so that students may enroll in required courses during the evening and complete a carefully planned program.

Physical Facilities

The Graduate Program in Nursing utilizes the School of Nursing building, which includes the Simulated Learning Laboratory, and several affiliated hospitals. In addition, clinical experience is available at many other affiliated agencies, such as nursing homes, clinics, schools, and adult health centers.

Specific Degree Requirements

A baccalaureate degree in nursing from a program accredited by the National League for Nursing is a general requirement for admission; however, applicants with a baccalaureate degree in a field other than nursing may be eligible for consideration if they pass examinations for each of the four required upper division nursing courses in the undergraduate curriculum of The University of Texas School of Nursing at San Antonio. Current licensure as a registered nurse is required. Other requirements for admission to the M.S.N. program are described in the catalogue of the School of Nursing.

For completion of the M.S.N. degree program, a minimum of 36 semester hours of upper division and graduate courses is required. This must include at least 18 semester hours taken at The University of Texas School of Nursing at San Antonio, of which 6 semester hours may be for Thesis. No more than 9 semester hours of upper division course work may be included. The elective

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courses may be taken outside of the School of Nursing. All course work must be completed within five years of admission to the program.

The catalogue of The University of Texas School of Nursing at San Antonio contains detailed information on the M.S.N. program. For this catalogue and application material, write to: Office of Student Services, The University of Texas Health Science Center, 7703 Floyd Curl Drive, San Antonio, Texas 78284.

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Amend section PROGRAM IN PHARMACOLOGY Physical Facilities as follows:

Facilities for graduate instruction and research include approximately 11,540 square feet of laboratory and office space in the Department of Pharmacology. A graduate student area is provided with individual study cubicles.

Equipment available for research is sufficient for pursuance of almost any pharmacological investigation. This includes atomic absorption, fluorometric, ultraviolet and visible spectrophotometers; scintillation counters; ultracentrifuge; balances (both preparatory and analytical); electrophysiological recording equipment; PDP8 computer and [at-the-necessary] accessories[-]; [A-recent-addition-is-a] mass spectrograph gas chromatography system.

Within the department and available for use in graduate education are well over 1,000 books and journals. New books are added continuously. In addition, most major journals of physiology and pharmacology are received on a subscription basis. The department also subscribes to Current Contents.

Amend section PROGRAM IN PHARMACOLOGY Faculty as follows:

Chairman, Committee on Graduate Studies - Arthur H. Briggs
Graduate Advisor - Miguel A. Medina

Professor Vernon S. Bishop

Neural control of the circulation and the cardiovascular responses to various stresses.

Professor Arthur H. Briggs, Chairman, Department of Pharmacology

The experimental basis of essential hypertension: the investigations of the relaxing system in skeletal, cardiac and smooth muscles; the cardiovascular effects of drugs of abuse.

[Associate] Professor Oliver Carrier, Jr.

The cardiovascular system: the role of electrolytes, especially calcium, in vascular and cardiac muscle function and how they are influenced by drugs.

Professor John L. McNay

Clinical and basic autonomic, cardiovascular and renal pharmacology.

Professor William B. Stavinoha

Neurochemistry of the cholinergic system and biochemical toxicology. Development of instruments and methods to study rapid reactions.

Professor Charles A. Walton****

Extrapolation of pharmacological principles into clinical teaching methods and patient medication systems.

Professor Howard L. Zauder**

The pharmacology of anesthetic agents.

Associate Professor Kenneth Blum

The effects of drugs of abuse, particularly alcohol and morphine, on the brain. Underlying causes of drug dependence and research dealing with biochemical correlation of behavior.

[Associate-Professor-Oliver-Carrier,-Jr-:

The-cardiovascular-system--the-role-of-electrolytes;-especially calcium;-in-vascular-and-cardiac-muscle-function-and-how-they are-influenced-by-drugs-:]

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[Assistant] Associate Professor Barrie J. Hodgson**
The pharmacology of smooth muscle of the reproductive tract.
The mechanisms of gamete transport through the mammalian
oviduct and its manipulation by pharmacological agents.

Associate Professor Ronald D. Huffman
Neuropharmacology with emphasis on electrophysiologic and
pharmacologic investigation of synaptic transmission.

Associate Professor Miguel A. Medina
The neurochemistry of biogenic amines; brain histamine; brain
intermediary metabolism, drug interaction and drug
metabolism.

[Assistant] Associate Professor D. Fred Peterson
Neural control of the cardiovascular system normally and under
stress.

Associate Professor Jack E. Wallace**
Analytical and clinical toxicology; drug metabolism;
instrumental methods of analysis; biochemical pathology.

Assistant Professor Leslie P. Felpel
Neuropharmacology of the central nervous system; synaptic
transmission.

[Assistant-Professor-Barrie-J.-Hodgson**
~~The-pharmacology-of-smooth-muscle-of-the-reproductive-tract;~~
~~The-mechanisms-of-gamete-transport-through-the-mammalian~~
~~oviduct-and-its-manipulation-by-pharmacological-agents.]~~

Assistant Professor David Jones**
The neuropharmacology of cyclic nucleotides and anesthetic
agents. The effects of anesthetic agents on the cardiovascular
system.

[Assistant-Professor-D.-Fred-Peterson
~~Neural-control-of-the-cardiovascular-system-normally-and-under~~
~~stress.]~~

[Assistant-Professor-Norman-W.-Robie
~~Cardiovascular-and-adrenergic-pharmacology;-renal-blood-flow;-intraorgan~~
~~mediators-of-blood-flow.]~~

Assistant Professor David H. Ross
Molecular aspects of drug-receptor interactions: neurochemical
correlates of drug abuse and psychiatric disorders.

Assistant Professor Carol Grace Smith
Endocrine pharmacology; the effects of drugs on gonadotrophin
and sex steroid secretion.

**Staff member with joint appointment in the Department of Pharmacology
and major appointment in another department [:] in the Health Science Center.

***Staff member with joint appointment in the Department of Pharmacology
and major appointment at The University of Texas at Austin.

Amend section PROGRAM IN PHARMACOLOGY Graduate Courses as follows:

Advanced Pharmacology I-IV and Medical Pharmacology are required of all
students in the Pharmacology doctoral degree program. Other required
courses include General Biochemistry, Microscopic Anatomy, Neuroscience,
Principles of Physiology, and Statistics (analysis of variance and regression
analysis).

San Antonio Health Science CenterPHAR 50412. Advanced Pharmacology I

4 semester hours

Prerequisite: Organic chemistry

3 hours lecture, 4 hours laboratory per week.
Principles of drug action; molecular mechanisms of drug action;
drug-receptor interactions; absorption, distribution and elimination of
drugs; time course of drug action; dose-response relationships;
chemotherapeutic agents. Staff.

PHAR 60422. Advanced Pharmacology II

4 semester hours

Prerequisite: Neuroscience

3 hours lecture, 4 hours laboratory per week.
Action of drugs upon the nervous system; neuropharmacological and
psychopharmacological drugs and their actions. Huffman, Blum, Felpel
and Ross.

PHAR 60532. Advanced Pharmacology III

5 semester hours

Prerequisites: General Biochemistry [~~or Cell and Molecular Biology;~~]

and Advanced Pharmacology I

4 hours lecture, 4 hours laboratory per week.
Biochemical and toxicological mechanisms of drug action; endocrine
pharmacology. Medina, Stavinoha and Smith.

PHAR 60442. Advanced Pharmacology IV

4 semester hours

Prerequisite: Principles of Physiology

3 hours lecture, 4 hours laboratory per week.
Action of drugs on the autonomic nervous system; cardiovascular and renal
action of drugs. Bishop, Carrier and Peterson.

PHAR 60511. Medical Pharmacology

5 semester hours

Prerequisites: A good understanding of mammalian physiology and consent of instructors

[2-semester]

Lectures only.

This course consists of lectures and discussions covering the full
spectrum of Medical Pharmacology. All classes of drugs which are of
interest to the medical profession are studied. The medical school
course will serve as the nucleus of this course and form the basis for
further study. Staff.

PHAR 60251. Analytical Toxicology

2 semester hours

Prerequisite: Consent of instructor

1 hour lecture, 4 hours laboratory per week.
Lectures and laboratory exercises designed to provide the student with
an extensive knowledge of procedures and methods utilized to
quantitatively determine drugs and toxic agents in biologic specimens and
pharmaceutical dosage forms. Wallace.

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PHAR 60413. Clinical Pharmacology 4 semester hours

Prerequisite: Consent of instructor

3 hours lecture, 6 hours in wards per week.
Patients in the hospital wards will be presented and discussed by the students. This will include therapeutic and toxic manifestations of drugs. McNay.

PHAR 60414. Biophysical Pharmacology 4 semester hours

Prerequisite: Consent of instructor

3 hours lecture, 4 hours laboratory per week.
This course is designed to acquaint the student with biophysical techniques and concepts (radioisotopes, electronics, mathematical analysis, etc.) as they apply to pharmacology. Bishop.

PHAR 50175. Pharmacological Literature Evaluation 1 semester hour

Prerequisite: Consent of instructor

Students in this course analyze and critically evaluate current research literature in all areas of pharmacology. Staff.

PHAR 60081. Pharmacology Techniques Credit to be arranged

Prerequisite: Consent of instructors

1 hour lecture, 8 hours laboratory per week.
Student will participate in short research projects in particular areas of pharmacology in order to learn the various techniques used. Staff.

PHAR 50173. Pharmacology Literature Searching 1 semester hour

Lectures and library practicum
Description, investigation and evaluation of current sources, mechanisms and procedures for the efficient retrieval of information from the bio-medical literature; systems of scientific information transfer; compilation of a comprehensive bibliography on a topic in the student's field of interest in pharmacology under the supervision of a faculty member. Kronick and Pharmacology Staff.

PHAR 50190. Seminar 1 semester hour

The staff and students will conduct seminars on recent advances and research in pharmacology.

PHAR 50091. Special Topics in Pharmacology Credit to be arranged

San Antonio Health Science Center

PHAR 50092. Special Problems in Pharmacology Credit to be arranged

Prerequisite: Consent of Instructors

Course provides an opportunity for the student to engage in special research project or to develop a proficiency in the use of certain laboratory methods. Staff.

PHAR 60097. Research Credit to be arranged

Independent, original research under the direction of a faculty advisor.

PHAR 60098. Thesis Credit to be arranged

Registration for at least 1 semester is required of M.A. candidates.

PHAR 70099. Dissertation Credit to be arranged

Registration for at least 2 semesters is required of Ph.D. candidates.

San Antonio Health Science Center

Amend section THE DOCTOR OF PHARMACY (PHARM.D.) PROGRAM Detailed Information on the Pharm.D. Program as follows:

The catalogue of the College of Pharmacy, The University of Texas at Austin, Austin, Texas 78712, contains detailed information of the Pharm.D. Program. Further information can be obtained by writing: Chairman, Joint Pharm.D. Committee, Department of Pharmacology, The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, Texas 78284.

San Antonio Health Science Center

Amend section PROGRAM IN PHYSIOLOGY Faculty as follows:

Chairman, Committee on Graduate Studies - Byung P. Yu
 Graduate Advisor - Byung P. Yu

- Professor J. H. U. Brown, Coordinator of Southwest Research Consortium
 Control systems analysis; endocrine physiology.
[Associate] Professor Charles Levinson
Cellular metabolism; ion transport.
- Professor Edward J. Masoro, Chairman, Department of Physiology
 Metabolic regulation.
- Professor Carl J. Pauerstein**
 Reproductive physiology; preimplantation phenomena.
- Associate Professor M.J.K. Harper**
 Reproductive physiology; tubal physiology.
- Associate Professor Richard J. King
 Pulmonary physiology; surface phenomena.
~~[Associate-Professor-Charles-Levinson~~
~~Cellular-metabolism;-ion-transport-]~~
- Associate Professor Terry M. Mikiten
 Physiology of excitable tissues; synaptic transmission.
[Assistant] Associate Professor Thomas C. Smith
Cellular physiology; membrane function.
- Associate Professor Byung P. Yu
 Biological membrane structure and function.
- Assistant Professor Helen Bertrand
 Adipose tissue metabolism and membrane biochemistry.
- Assistant Professor Maria A. Biedenbach
 Neurophysiology; pain mechanisms.
- Assistant Professor Barbara Brooks
 Neuropsychology of vision.
~~[Assistant-Professor-Paul-Hegstad~~
~~Thyroid-hormones-in-growth-and-development-]~~
- Assistant Professor Carlton A. Eddy**
Reproductive physiology; tubal physiology.
- Assistant Professor Kenneth Gould**
Pulmonary physiology; cellular function.
- Assistant Professor Arnold H. Hassen***
Neurophysiology; respiratory control.
- Assistant Professor Jeremiah T. Herlihy
 Smooth muscle physiology; control of contractility.
- Assistant Professor John M. Johnson
 Cardiovascular physiology; neural control of peripheral circulation.
- Assistant Professor Dike N. Kalu
 Endocrine physiology; role of parathyroid and calcitonin.
- Assistant Professor Roger J. M. McCarter
 Muscle function; mechanics and energetics.
- Assistant Professor Duane Proppe
 Cardiovascular physiology; control of peripheral circulation.
- Assistant Professor A. P. Shepherd
 Cardiovascular physiology; microcirculation.
- Assistant Professor Theresa M. Siler-Khodr**
Reproductive physiology; endocrine function.
- ~~[Assistant-Professor-Thomas-C-Smith~~
~~Cellular-physiology;-membrane-function-]~~
- ~~[Instructor-Carlton-A-Eddy**~~
~~Reproductive-physiology;-tubal-physiology-]~~

San Antonio Health Science Center

** Staff member with joint appointment in Department of Physiology and major appointment in another department[?] In the Health Science Center.

*** Staff member with joint appointment in Department of Physiology and major appointment at The University of Texas at San Antonio.

Amend section PROGRAM IN PHYSIOLOGY Graduate Courses as follows:

The course offerings in the Graduate Program in Physiology are contingent upon adequate student enrollment.

Required Courses

PHYL 50321. Cellular Physiology 3 semester hours

Prerequisite: Consent of Instructors

Physiologic mechanisms common to all living cells with emphasis on those of the vertebrate. Smith and Levinson.

PHYL 60331. Neurophysiology 3 semester hours

Prerequisite: Consent of Instructors

Functions and properties of the peripheral and central nervous systems. Mikiten, Brooks, and Beidenbach.

PHYL 50611. Principles of Physiology [9]6 semester hours

Prerequisites: Cellular Physiology, Neuroscience or consent of Instructors

Part I of a two-course sequence (50611-50311) that must be completed for grade or credit for the courses.

A study of the basic concepts of physiology with particular emphasis on a systematic exposition of mammalian physiology. Staff.

PHYL 50311. Principles of Physiology 3 semester hours

Prerequisite: PHYL 50611.

Part II of two-course sequence (50611-50311) that must be completed prior to award of credit or grade for the courses.

A continuation of the study of the basic concepts of physiology. Staff.

PHYL 50315. History of Physiology 3 semester hours

Prerequisite: Consent of Instructors

Lecture course surveying the development of major concepts of physiology from their inception to the present. Staff.

San Antonio Health Science CenterPHYL 60190. Seminar

1 semester hour

Prerequisite: Consent of instructors

Literature reports and group discussions by students and staff. Staff.PHYL 60071. Supervised Teaching

Credit to be arranged

Prerequisite: Consent of instructors

Presentation of lectures and supervision of conferences under the direction of instructors. Staff.PHYL 60097. Research

Credit to be arranged

Independent, original research under the direction of a faculty advisor.

PHYL 60098. Thesis

Credit to be arranged

Registration for at least 1 semester is required of M.A. candidates.

PHYL 70099. Dissertation

Credit to be arranged

Registration for at least 2 semesters is required of Ph.D. candidates.

Elective Courses

Students in the Graduate Program in Physiology should select from the following list those courses relevant to their area of specialization. Most of these elective courses should be taken only after the required formal courses listed above have been completed.

PHYL 60341. Cardiovascular Physiology

3 semester hours

Prerequisite: Consent of instructors

Hemodynamic principles; cardiovascular regulation and vasomotor control; special circulation; methodology of cardiovascular research. Shepherd, Proppe, and Johnson.

PHYL 60342. Respiratory Physiology

3 semester hours

Prerequisite: Consent of instructor

Pulmonary mechanics and tissue utilization; acid-base balance; control of respiration; modern techniques in respiratory physiology. King and Herlihy.

PHYL 60343. Renal Physiology and Electrolyte Metabolism

3 semester hours

Prerequisite: Consent of instructors

Classical and contemporary principles of renal physiology and related aspects of body fluid and electrolyte metabolism. Masoro and Levinson.

San Antonio Health Science Center

PHYL 60344. Gastrointestinal Physiology 3 semester hours

Prerequisite: Consent of instructors

Motility of the digestive tract; secretory mechanisms of the digestive glands; digestion and absorption of nutrients. Masoro and Smith.

PHYL 60345. Reproductive Physiology 3 semester hours

Prerequisite: Consent of instructors

Reproductive processes; their anatomic-physiologic basis, mechanism, function, and control. Eddy, Pauerstein, and Harper.

PHYL 60351. Endocrine Physiology 3 semester hours

Prerequisite: Consent of instructors

Study of hormones and the regulation of target organ function in integrated biological systems. Kalu[;--Brown-and-Hegstad;] and Brown.

PHYL 60332. Physiology of Muscle 3 semester hours

Prerequisite: Consent of instructor

Structure, function and regulation of muscle activity with emphasis on the energetics of the contraction-relaxation cycle. McCarter and Herlihy.

PHYL 60333. Physiology of Nerve and Muscle 3 semester hours

Prerequisite: Consent of instructors

Historical concepts and contemporary views of neural systems as well as mechanisms of muscle and nerve functions. Mikiten and McCarter.

PHYL 60334. Sensory Physiology 3 semester hours

Prerequisite: Consent of instructors

Physiology of the mammalian sense organs. Brooks, Mikiten and Biedenbach.

PHYL 60352. Molecular Basis of Hormone Action 3 semester hours

Prerequisite: Consent of instructors

Mechanisms by which hormones regulate protein synthesis, gene transcription and cell division. Brown[;--Kalu-and-Hegstad;] and Kalu.

PHYL 60322. Membrane Biophysics 3 semester hours

Prerequisite: Consent of instructor

Application of the laws and methods of physics to membrane characteristics and function. Smith.

San Antonio Health Science Center

PHYL 60323. Biochemical Aspects of Membrane Structure 3 semester hours

Prerequisite: Consent of instructor

Broad survey of chemical compositions and components of membranes and the nature of associations of protein-lipid complexes with respect to their molecular architecture and organization. Yu and Bertrand.

PHYL 60381. Techniques in Biological Membrane Preparation 3 semester hours

Prerequisite: Consent of instructor

Theory and laboratory techniques in the basic physico-biochemical methods of isolation and characterization of membranes from various biological sources. Lecture and laboratory. Yu and Bertrand.

PHYL 60324. Physiological Chemistry of Lipids 3 semester hours

Prerequisite: Consent of instructor

Regulation of lipid metabolism and the role of lipids in cellular and organ systems function. Masoro and Bertrand.

PHYL 60353. Regulation of Metabolism 3 semester hours

Prerequisite: Consent of instructor

Survey of metabolic regulatory mechanisms in the intact mammal and the regulation of major aspects of metabolism. Masoro.

PHYL 50325. Mathematical Physiology 3 semester hours

Prerequisite: Consent of instructor

Techniques of the mathematical approach to descriptions of physiological processes. Fundamental concepts of the calculus and differential equations will be developed and applied to data analysis. Smith.

PHYL 60391. Selected Topics in Physiology 3 semester hours

Prerequisite: Consent of instructors

Current views of physiological control mechanisms, membrane phenomena and organelle function. Staff.

San Antonio Health Science Center

Amend section FINANCIAL INFORMATION Other Expenses as follows:

Hospitalization

Students are required to enroll in the Blue Cross Hospital Services Plan designed for students at The University of Texas Health Science Center at San Antonio or show evidence of enrollment in another hospitalization plan with equal or greater provisions. A student may enroll his or her spouse and/or children at additional cost. The current annual costs for ~~[this plan are \$39.72 for student only; \$199.80 for student and one dependent; \$189.80 for student and two or more dependents; -- inpatient hospital charges not reimbursed by hospitalization insurance are the responsibility of the student:]~~ this plan are \$98.40 for student only, \$178.56 for student and dependent child/children, \$242.64 for student and spouse, and \$284.40 for student and family. These costs are subject to fluctuation from year to year. Inpatient hospital charges not reimbursed by hospitalization insurance are the responsibility of the student.

Living Arrangements are made by each individual student. Although there is no Health Science Center housing for students, the Financial Aid Office maintains a listing of houses and apartments and will assist students whenever possible. Students should arrange for living accommodations well in advance of matriculation. A cafeteria is available in the Bexar County Hospital.

Transportation

Students must provide their own transportation to affiliated facilities. A small fee is charged for parking in Health Science Center lots. Other parking fees associated with affiliated facilities are the responsibility of the student.

Amend section FINANCIAL INFORMATION Summary of Tuition and Fees as follows:

Tuition - Texas resident student enrolled for 12 or less semester hours a semester	\$ 50.00*
Audit Fee	\$ 5.00
Student [Activity] Services Fee	\$ 2.50/semester hour
Hospitalization Insurance (minimum) a year	[\$39.72] \$98.40
Graduation Fee	\$ 25.00
Microfilming Fee	\$ 25.00
Laboratory Fee (for each course)	\$ 8.00
Parking Fee a year	\$ 3.00
Microscope Rental Fee	\$ 5.00/month

*For fees for nonresidents (U.S. Citizens and foreign students), see page 000.

San Antonio Health Science Center

Delete section RESIDENT STATUS Reciprocity Clause Applicable to Junior Colleges as follows:

[Statute--Section-54.060--The-nonresident-tuition-fee-prescribed-in-this Act-does-not-aply-to-a-nonresident-student-who-is-a-resident-of-a state-situated-adjacent-to-Texas-and-who-registers-in-any-Texas public-junior-college-situated-immediately-adjacent-to-the-state-in which-the-nonresident-student-resides--The-nonresident-student described-in-this-Subsection-shall-pay-an-amount-equivalent-to-the amount-charged-a-Texas-student-registered-at-a-similar-school-in the-state-in-which-the-nonresident-student-resides.]

San Antonio Health Science Center

Add new section GRADUATE SCHOOL STUDENTS as follows:

- Adrian, Gwendolyn S. (Biochemistry) B.S. 1959 The University of Texas at Austin; M.A. 1965 The University of Texas Medical Branch at Galveston.
- Archer, David R. (Physiology) B.S. 1975 Emporia Kansas State College.
- Banks, Alexander F. (Anatomy) B.S. 1969 California Polytechnic State University.
- Barron, Kirk W. (Pharmacology) B.A. 1974 University of Dallas.
- Bartlett, Stephen W. (Biochemistry) B.S. 1974 University of Alabama in Huntsville.
- Beesley, Stratton W., Jr. (Physiology) B.S. 1976 Angelo State University.
- Bell, John H. (Biophysics*) B.S. 1954 Pennsylvania Military College; M.S. Ed. 1961 University of Pennsylvania; M.S.P.H. 1965 University of North Carolina.
- Blair, Robert W. (Pharmacology) B.S. 1974 Austin College.
- Blanchard, Sally S. (Microbiology) B.A. 1970 Colby College; M.S. 1973 Trinity University.
- Cash, Howard A. (Microbiology) B.S. 1967 University of Houston; M.S. 1973 North Texas State University.
- Cellucci, Massimo D. (Physiology) B.S. 1972 St. Joseph's College.
- Cook, Douglas L. (Physiology) B.S. 1976 Texas Lutheran College.
- Davis, Dorothy A.P. (Bioengineering) B.A. 1975 The University of Texas at Austin.
- Davison, Vee E. (Microbiology) B.S. 1955, M.S. 1959 Trinity University.
- Dennis, Michael J. (Biophysics*) B.S. 1973 Xavier University; M.S. 1974 University of Cincinnati.
- Doran, Terence I. (Microbiology) B.S. 1971 Southwest Texas State University.
- Doyle, Kathleen M. (Anatomy) B.S. 1973 Cornell University.
- Edwards, Ellen H. (Biophysics*) B.A. 1975 State University of New York at Buffalo.
- Elston, Stephen F. (Pharmacology) B.A. 1971 Texas Tech University.
- Folks, Thomas M. (Microbiology) B.A. 1970 The University of Texas at Austin; M.S. 1972 Texas A&M University.
- Garrett, Kennon M. (Pharmacology) B.S. 1974 The University of Texas at Austin.
- Garrison, Preston N. (Biochemistry) A.B. 1973 Westmont College.
- Gause, Emily M. (Biochemistry) B.S. 1953 Texas A&I University; M.S. 1968 Trinity University.

San Antonio Health Science Center

- Gomez, Paula T. (Microbiology) B.A. 1975 University of California, Riverside.
- Gomillion, Davis M. (Biochemistry) B.S. 1976 St. Mary's University.
- Gorman, Andrew J., III (Physiology) B.S. 1974 Baylor University.
- Graef, Paul R. (Biochemistry) B.S. 1976 The University of Texas at San Antonio.
- Gregg, William, Jr. (Physiology) B.A. 1976 The University of the South.
- Griffith, Michael J. (Biochemistry) B.S. 1970 Western Michigan University.
- Haley, Diane P. (Anatomy) B.A. 1966 The University of Texas at Austin.
- Haley, William T., Jr. (Biochemistry) B.A. 1964, M.S. 1969 St. Mary's University.
- Hawkins, Sanders F. (Pharmacology) B.S. 1957 South Carolina State College, M.S. 1970 St. Mary's University.
- Heesch, Cheryl C. (Pharmacology) B.S. 1971 New Mexico State University.
- Heifetz, Aaron H. (Biochemistry) B.A. 1968 Tulane University.
- Heltman, David W. (Anatomy) B.A. 1972, M.A. 1973 Austin College.
- Hull, Terry A. (Physiology) B.S. 1969 Texas A&M University; B.S. 1970 The University of Texas Medical Branch at Galveston.
- Johnson, Linda Y. (Anatomy) B.S. 1970, M.S. 1972 Washington University.
- Jones, Marjorie A. (Biochemistry) B.S. 1970, M.S. 1972 Central Michigan University; M.S. 1973 University of Illinois.
- Klinger, Jeffrey D. (Microbiology) B.S. 1968 Michigan State University; M.P.H. 1972 University of Michigan.
- Lavergne, Julio A. (Microbiology) Licenciatura 1970 University of Costa Rica.
- Lee, Jean C. (Microbiology) B.A. 1973 Texas A&I University.
- Lum, Janet T. (Physiology) B.A. 1976 Howard Payne College.
- Matula, James M. (Biochemistry) B.S. 1972 The University of Texas at Austin.
- McGill, John R. (Anatomy) B.S. 1972 Southwest Texas State University.
- McManus, Albert T. (Microbiology) B.S. 1968, M.S. 1970 University of Rhode Island.
- Miller, Jon M. (Microbiology) B.S. 1967, M.S. 1971 Northwestern State University of Louisiana.
- Milligan, Thomas W. (Microbiology) B.A. 1972 The University of Texas at Austin; M.P.H. 1973 The University of Texas at Houston.

San Antonio Health Science Center

- Millner, Michael R. (Biophysics*) B.S. 1975 Trinity University.
- Milne, Albert F., Jr. (Biochemistry) B.A. 1975 Rice University.
- Morrow, Elizabeth L. (Pharmacology) B.S. 1976 Texas A&M University.
- Mursch, Douglas A. (Pharmacology) B.S. 1976 St. Mary's University.
- Mutchler, Theresa L. (Pharmacology) B.A. 1976 Incarnate Word College.
- Natalino, Ada K. (Anatomy) B.S. 1969, M.S. 1973 University of Nevada.
- Oswalt, William M. (Physiology) B.A. 1975 Texas Christian University.
- Patterson, William R. (Microbiology) B.A. 1971 The University of Texas at Austin.
- Payne, William H. (Biophysics*) B.S. 1957, M.A. 1965 Sam Houston State University.
- Petrich, James A. (Biochemistry) B.A. 1972 Texas Lutheran College; M.A. 1974 The University of Texas at Austin.
- Philo, Ronald C. (Anatomy) B.S. 1970, M.S. 1973 Southwest Texas State University.
- Pickett, Steven H. (Biochemistry) B.A. 1974 Southern Methodist University.
- Pillai, Kutten B. (Biophysics*) B.S. 1955 University of Kerala (India); M.S. 1972 University of Wisconsin-Madison.
- Ratner, Joan J. (Microbiology) B.S. 1949 University of Massachusetts; M.S. 1970 Trinity University.
- Revel, D'Aun C. (Anatomy) B.S. 1976 West Texas State University.
- Riehl, Robert M. (Physiology) B.S. 1974, M.S. 1975 West Texas State University.
- Rosenthal, Edward J. (Biophysics*) B.S. 1967 Trinity University.
- Rudeen, Paul K. (Anatomy) B.S. 1972 Utah State University.
- Schaffer, Walter T. (Biochemistry) B.S. 1974 University of Washington.
- Schelper, Robert L. (Anatomy) B.A. 1971 St. Mary's University; M.D. 1975 The University of Texas Health Science Center at San Antonio.
- Shelburne, Paul V. (Physiology) B.S. 1975 Baylor University.
- Simmons, Kirt E. (Pharmacology) B.A. 1976 Austin College.
- Sparks, Rodney L. (Anatomy) B.S. 1976 Sam Houston State University.
- Spencer, James P. (Biochemistry) B.S. 1968 United States Military Academy.
- Sprague, Eugene A. (Pharmacology) B.A. 1967 Northwestern University; M.S. 1969 Colorado State University.

San Antonio Health Science Center

- Stafford, Frank S. (Biophysics*) B.A. 1966, M.A. 1967 The University of Texas at Austin.
- Storrs, Stephen B. (Biochemistry) B.S. 1975 The College of Idaho.
- Stryker, Michael M. (Physiology) B.A. 1975 The University of Texas at Austin.
- Trousdale, Melvin D. (Microbiology) B.S. 1962 Baylor University; M.S. 1969 University of Maryland.
- Voss, Kevin H. (Physiology) B.A. 1971 The University of Texas at Austin.
- Vriend, Jerry (Anatomy) A.B. 1969 Calvin College; M.Sc. 1972 University of Alberta.
- Walker, Douglas B. (Anatomy) B.A. 1964 Texas Christian University; M.A. 1972 Southern Methodist University.
- Weintraub, Susan E. (Biochemistry) B.S. 1967 University of Pennsylvania; M.S. 1970 Trinity University.
- Welsh, Marcia L. G. (Anatomy) B.S. 1972, M.S. 1974 Colorado State University.
- Williams, Ronald P. (Anatomy) B.S. 1976 Texas A&M University.
- Wood, Katherine O. (Biochemistry) B.A. 1972 Trinity University.
- Woods, Donald E. (Microbiology) B.S. 1968, M.S. 1970 New Mexico State University.
- Woollever, Dorothy J. (Biochemistry) B.S. 1970, M.S. 1975 North Texas State University.
- Worrell, Ruben (Bioengineering) Licentiate 1966 University of Panama; M.A. 1971, M.Ed. 1973 The University of Texas at Austin.

* Title of program at time of student's admission; title changed subsequently to Graduate Program in Bioengineering.



THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

Texas Medical Center Houston, Texas 77025

8493



ark, M.D.
ident

March 18, 1977

Mr. E. D. Walker
Deputy Chancellor
The University of Texas System
601 Colorado
Austin, Texas 78701

Dear Mr. Walker:

The docket for the April 15, 1977 meeting of the Board of Regents
is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely yours,


R. Lee Clark, M.D.
President

RLC:yb

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

DOCKET

BOARD OF REGENTS MEETING APRIL 15, 1977

IFTS: The following gifts have been received and are submitted for formal approval of the Board of Regents:

<u>Donor</u>	<u>Purpose and Explanation</u>	<u>Amount</u>
Continental Oil Company c/o Tom W. Sigler Senior Vice President P. O. Box 2197 Houston, Texas 77001	Expansion of M.D. Anderson Hospital	\$ 5,000.00
Shell Companies Foundation, Inc. c/o Doris J. O'Connor Senior Vice President Two Shell Plaza P. O. Box 2099 Houston, Texas 77001	Expansion of M.D. Anderson Hospital	7,500.00
The Fasken Foundation c/o Mr. Phil M. Adams Executive Director 414 West Texas Avenue Midland, Texas 79701	Expansion of M.D. Anderson Hospital	10,000.00
Mr. Radcliffe Killam P. O. Box 499 Laredo, Texas 78040	Expansion of M.D. Anderson Hospital	5,000.00
*Anonymous	For Development Program Fund	100,000.00
*The Proler Foundation c/o Issie Proler P. O. Box 286 Houston, Texas 77001	Expansion of M.D. Anderson Hospital	5,000.00
The James O. Tavenner Family 166 Harmon Road Aurora, Ohio 44202	Jim Tavenner Memorial Fellowship Fund	5,178.89
*Gulf Energy & Minerals Mr. George J. Donnelly P. O. Box 2100 Houston, Texas 77001	Expansion of M.D. Anderson Hospital	25,000.00
Mrs. Eugene M. Locke 3805 McFarlin Blvd. Dallas, Texas 75205	Expansion of M.D. Anderson Hospital	5,000.00
*Schering Corporation Kenilworth, N.J. 07033	For Infectious Disease Development Fund	13,000.00
*Brown Oil Tool Company Mr. Joe Brown, President P. O. Box 19236 Houston, Texas 77024	Expansion of M.D. Anderson Hospital	5,000.00

*No Letter of Transmittal

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Gifts - Cont'd

	<u>Donor</u>	<u>Purpose and Explanation</u>	<u>Amount</u>
12.	Mr. & Mrs. Kosta V. Branoff 2158 Crestline Drive Burton, Michigan 48509	For Immunology-Immunotherapy Research	\$ 5,000.00
13.	*Anonymous	Expansion of M.D. Anderson Hospital	25,000.00
14.	*I.B.M. P. O. Box 218 Dayton, N.J. 08810	The I.B.M. Fund for Apheresor Research	9,882.00
15.	*Southern Pacific Transportation Company c/o Mr. D. K. McNear, President Southern Pacific Bldg. One Market Plaza San Francisco, Calif. 94105	Southern Pacific Transportation Company Grant for Railroad Medicine Publications	7,500.00
16.	Mrs. Anna Mary Spence 2120 Lane Laredo, Texas 78040	For Department of Surgery	5,000.00
17.	Robert E. and Evelyn McKee Foundation c/o Mr. John S. McKee, President P. O. Box 20562 El Paso, Texas 79998	Expansion of M.D. Anderson Hospital	9,000.00
18.	Stanley T. Crooke, M.D., Ph.D. Associate Director of Medical Research Bristol Laboratories P. O. Box 657 Syracuse, N.Y. 13201	Bristol Laboratories Grant for Bleomycin Pulmonary Fibrosis Study in Dogs	7,500.00
19.	The Pauline Sterne Wolff Memorial Foundation c/o Mr. Sam W. Levy 2500 Two Shell Plaza Houston, Texas 77002	Proceeds from sale of stock for use by General Medicine and Clinical Oncology	5,052.82
20.	Baron Enrico di Portanova c/o Mr. A. Schlick Boettcher P. O. Box 2518 Houston, Texas 77001	For Cancer Research	5,000.00
21.	*Mr. Sam Lister Vice President and Trust Officer First Wichita National Bank P. O. Box 540 Wichita Falls, Texas 76307	1976 Income Distribution from Hubert L. Stringer Trust to be added to endowment account for "H. L. Stringer Trust Professorship". Proceeds received by UT System Office.	20,000.00

*No Letter of Transmittal

The University of Texas System Cancer Center
Regents Meeting April 15, 1977 - Docket

QUARTERLY REPORT OF GIFTS OF LESS THAN \$5,000.00

The quarterly report of gifts of less than \$5,000.00 for the period ending February 28, 1977 has been filed with the Office of the Board of Regents where it is available for reference.

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER
GRANTS AND CONTRACTS (NON-GOVERNMENTAL)
BOARD OF REGENTS MEETING APRIL 15, 1977

2497

Q X A

The following Grants and Contracts have been awarded and are submitted for formal approval of the Board of Regents:

M. D. Anderson

1. Agency: The Council for Tobacco Research - U.S.A., Inc.
Grant No.: 1102
Project Title: Hydrocarbons Metabolizing Enzymes and Lung Cancer
Principal Investigator: Marilyn A. Rasco, Ph.D.
New Funds: \$49,250
Project Period: January 1, 1977 through December 31, 1977
Description: Support for the study of hydrocarbons metabolizing enzymes and lung cancer.
County of Expenditure: Harris

2. Agency: The Kelsey and Leary Foundation
Grant No.: 973
Project Title: Expression of the Proinsulin Gene
Principal Investigator: Grady F. Saunders, Ph.D.
New Funds: \$19,020
Project Period: January 1, 1977 through December 31, 1977
Description: Support for the study of endocrine pancreatic beta cell development.
County of Expenditure: Harris

3. Agency: American Cancer Society, Inc.
Grant No.: IM-135
Project Title: Isolation and Characterization of Human Leukemic Blast Cells - Surface IgG (SIgG) and Serine Protease Inhibitors and Respective Antigens and Protease Receptors
Principal Investigator: Joseph P. Cotropia, M.D.
New Funds: \$103,870
Project Period: January 1, 1977 through December 31, 1978
Description: The main thrust of research activities will be to isolate and characterize by immunological and biochemical methods the cells - associated protease: anti-serine protease components of adult acute leukemia blasts.
County of Expenditure: Harris

4. Agency: The Kroc Foundation
Project Title: Expression of the Proinsulin Gene
Principal Investigator: Grady F. Saunders, Ph.D.
New Funds: \$21,810
Project Period: February 1, 1977 through December 31, 1977
Description: Support for the study of endocrine pancreatic beta cell development.
County of Expenditure: Harris

The University of Texas System Cancer Center
Regents Meeting April 15, 1977 - Grants and Contracts (Non-Governmental) - Cont'd

5. Agency: The Robert A. Welch Foundation
Grant No.: G-035 Renewal
Project Title: Detection of Carcinogens by Alterations in Tissue Transfer Ribonucleic Acids
Principal Investigator: A. Clark Griffin, Ph.D.
New Funds: \$60,000
Period of Performance: June 1, 1977 through May 31, 1980
Description: To continue research project.
County of Expenditure: Harris
6. Agency: The Robert A. Welch Foundation
Grant No.: G-679
Project Title: Chemical Immunology of Tumor Vaccine and Its Possible Endogeneous Complexes
Principal Investigator: Kou M. Hwang, Ph.D.
New Funds: \$45,000
Period of Performance: June 1, 1977 through May 31, 1980
Description: Develop immunotherapeutic agents from components of microbial cell walls and tumor antigens capable of stimulating host-defense mechanisms and tumor regression.
County of Expenditure: Harris
7. Agency: The Robert A. Welch Foundation
Grant No.: G-267 Renewal
Project Title: Biosynthesis of RNA
Principal Investigator: Grady F. Saunders, M.D.
New Funds: \$54,000
Period of Performance: June 1, 1977 through May 31, 1980
Description: To continue research project.
County of Expenditure: Harris

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

GRANTS AND CONTRACTS (FEDERAL)

BOARD OF REGENTS MEETING APRIL 15, 1977

3499

10
17

The following Grants and Contracts have been awarded and are submitted for formal approval of the Board of Regents:

M. D. Anderson

1. Agency: Department of Health, Education and Welfare
National Cancer Institute
Contract No.: N01 CP-65846, Modification No. 1
Project Title: The Biology of Neoplastic Liver Lesions in Mice
Principal Investigator: Frederick F. Becker, M.D.
New Funds: None
Project Period: September 30, 1976 through September 29, 1979
Description: Amended to include the Assistant Project Officer.
County of Expenditure: Harris

2. Agency: Department of Health, Education and Welfare
National Cancer Institute
Grant No.: 5 R01 CA11138-09 SSS
Project Title: The Radiobiology of Normal Tissues
Principal Investigator: H. Rodney Withers, M.D.
New Funds: \$68,519
Current Budget Period: January 1, 1977 through December 31, 1977
Total Project Period: January 1, 1974 through December 31, 1978
Description: Support for continuation of research.
County of Expenditure: Harris

3. Agency: Department of Health, Education and Welfare
National Cancer Institute
Grant No.: 5 R01 CA12687-06 PTHA
Project Title: Cytological Studies in Human Leukemia
Principal Investigator: Jose M. Trujillo, M.D.
New Funds: \$98,689
Current Project Period: January 1, 1977 through December 31, 1977
Total Project Period: January 1, 1975 through December 31, 1979
Description: Support for continuation of research.
County of Expenditure: Harris

4. Agency: Department of Health, Education and Welfare
National Institute of General Medical Sciences
Grant No.: 5 R01 GM15597-10 GEN
Project Title: Genetic and Comparative Studies of Enzymes
Principal Investigator: Charles R. Shaw, M.D.
New Funds: \$50,623
Current Budget Period: December 1, 1976 through November 30, 1977
Total Project Period: November 1, 1973 through November 30, 1978
Description: Support for continuation of research.
County of Expenditure: Harris

5. Agency: Department of Health, Education and Welfare
Center for Disease Control

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Grants and Contracts (Fed.) - Cont'd

- Contract No.: 200-76-0607, Modification No. 1
 Project Title: Smoking Cessation Program for Tyler, Texas
 Asbestos Workers
 Principal Investigator: Vincent F. Guinee, M.D.
 New Funds: None
 Period of Performance: December 29, 1975 through December 28, 1976
 Description: Supplemental Agreement to amend contract as follows:
 Expiration date amended to read "20 months from
 effective date." Article XIX, deleted, substituted
 as follows: The Employment of the Handicapped
 Clause, dated August 1976 is made a part of this
 contract. Article XX, Alterations, is changed as
 follows: Paragraph E, deleted in entirety. Add
 Following new paragraph: F. The attached Clause
 entitled "Disabled Veterans and Veterans of the
 Vietnam Era," dated October 1976, hereby added to
 and made a part of the General Provisions.
 Contract completion date changed from December 28,
 1976 to August 28, 1977. Contract neither increased
 or decreased by reason of this modification.
- County of Expenditure: Harris
6. Agency: Department of Health, Education and Welfare
 National Cancer Institute
 Grant No.: 5 R26 CA15458-04 LB
 Project Title: Adjuvant Immunotherapy to Surgery in Colorectal
 Cancer
 Principal Investigator: Giora M. Mavligit, M.D.
 New Funds: \$113,075
 Current Budget Period: January 1, 1977 through December 31, 1977
 Total Project Period: January 1, 1974 through December 31, 1978
 Description: Support for continuation of research.
 County of Expenditure: Harris
7. Agency: Department of Health, Education and Welfare
 National Cancer Institute
 Grant No.: 5 R10 CA10376-10 CCI
 Project Title: Southwest Oncology Group
 Principal Investigator: Emil J Freireich, M.D.
 New Funds: \$140,432
 Current Budget Period: January 1, 1977 through December 31, 1977
 Total Project Period: May 1, 1975 through December 31, 1977
 Description: Support for continuation of research.
 County of Expenditure: Harris
8. Agency: Department of Health, Education and Welfare
 National Cancer Institute
 Grant No.: 5 R10 CA03713-20 CCI
 Project Title: Southwest Oncology Group (Pediatric)
 Principal Investigator: Jan van Eys, M.D.
 New Funds: \$99,847
 Current Budget Period: January 1, 1977 through December 31, 1977
 Total Project Period: January 1, 1975 through December 31, 1977
 Description: Support for continuation of research.
 County of Expenditure: Harris

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The University of Texas System Cancer Center
Regents Meeting April 15, 1977 - Grants and Contracts (Fed.) - Cont'd

9. Agency: National Institutes of Health
National Heart, Lung, and Blood Institute
Contract No.: N01 HB 6-2959, Modification No. 3
Project Title: Source of Human Urinary Erythropoietin
Principal Investigator: Raymond Alexanian, M.D.
New Funds: None
Period of Performance: June 30, 1976 through June 29, 1978
Description: Amend Article IX, Government Property, by adding the following paragraph: "(h) of Clause No. 11 - Government Property - of the General Provisions, applies to this contract."
County of Expenditure: Harris
10. Agency: National Cancer Institute
Viral Oncology and Field Studies Contracts Section
Contract No.: N01 CP 61017, Modification No. 2
Project Title: The Biosynthesis of Oncornavirus Proteins in Mouse and Human Cells
Principal Investigator: Ralph B. Arlinghaus, Ph.D.
Contract Amount: \$342,312 (Previously: \$296,506)
Previously Funded: \$109,530
Increase by Modification: \$135,468
Total Incremental Funding: \$244,998
Period of Modification: January 1, 1977 through December 31, 1977
Total Contract Period: January 1, 1976 through December 31, 1978
County of Expenditure: Harris
11. Agency: Department of Health, Education and Welfare
National Cancer Institute
Grant No.: 5 R10 CA10379-09 CCI
Project Title: Southwest Oncology Group
Principal Investigator: Eugene M. McKelvey, M.D.
New Funds: \$78,733
Current Budget Period: January 1, 1977 through December 31, 1977
Total Project Period: January 1, 1975 through December 31, 1977
Description: Support for continuation of research.
County of Expenditure: Harris
12. Agency: Department of Health, Education and Welfare
Public Health Service
Contract No.: 223-74-1099, Modification No. 2
Project Title: Cytological Characterization of Subhuman Primate Cell Cultures
Principal Investigator: T. C. Hsu, Ph.D.
New Funds: None
Project Period: June 25, 1974 through June 24, 1976
Description: Amend Paragraph 3 of Article VI "estimated and allowable cost", changing the provisional rates to predetermined rates for the period September 1, 1974 through June 24, 1976.
County of Expenditure: Harris

13. Agency: National Cancer Institute
Carcinogenesis Contract Section
Contract No.: N01 CP 55604, Modification No. 7
Principal Investigator: Charles R. Shaw, M.D.
Contract Amount: \$182,900
Increase by Modification: \$66,250
Revised Contract Amount: \$249,150
Period of Modification: December 1, 1976 through September 30, 1977
Revised Contract Period: August 15, 1974 through September 30, 1977
Description: This modification is for the continuation of Microsomal Enzyme Studies. The contract amount is increased. The expiration date is changed.
County of Expenditure: Harris
14. Agency: Department of Health, Education and Welfare
National Cancer Institute
Grant No.: 5 R01 CA16789-02 IMB
Project Title: Immunology of Animal and Human Breast Carcinoma
Principal Investigator: James M. Bowen, Ph.D.
New Funds: \$73,694
Current Budget Period: December 1, 1976 through November 30, 1977
Total Project Period: June 1, 1975 through November 30, 1978
Description: Support for continuation of research.
County of Expenditure: Harris
15. Agency: Department of Health, Education and Welfare
National Cancer Institute
Grant No.: 5 T32 CA09163-03 CT
Project Title: Research Fellowship in Cancer Chemotherapy
Principal Investigator: C. C. Shullenberger, M.D.
New Funds: \$179,715
Current Budget Period: July 1, 1977 through June 30, 1978
Total Project Period: July 1, 1975 through June 30, 1980
Description: Support for the continuation of training in a large cancer institute to broaden exposure of trainees to the various aspects of Clinical Oncology and to better qualify them for examination by the Sub-specialty Board in Oncology.
County of Expenditure: Harris
16. Agency: Department of Health, Education and Welfare
National Cancer Institute
Grant No.: 5 T32 CA09189-02 CT
Project Title: Clinical Pharmacology and Experimental Therapeutics
Principal Investigator: Emil J Freireich, M.D.
New Funds: \$230,321
Current Budget Period: July 1, 1977 through June 30, 1978
Total Project Period: March 31, 1976 through June 30, 1981
Description: Continuation of support for training developed to emphasize the use of chemotherapeutic agents and to train young scientists in integrated programs bridging both basic science and clinical oncology.
County of Expenditure: Harris

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Grants and Contracts (Fed.) - Cont'd

17. Agency: National Cancer Institute
 Cancer Treatment Contract Section
 Contract No.: N01 CM-33737, Modification No. 13
 Project Title: Therapy of Patients with Bronchogenic Carcinoma
 Principal Investigator: Clifton F. Mountain, M.D.
 New Funds: None
 Period of Modification: January 1, 1977 through December 31, 1977
 Period of Performance: April 2, 1973 through December 31, 1977
 Description: Extension of contract period without funding.
 County of Expenditure: Harris
18. Agency: Department of Health, Education and Welfare
 National Cancer Institute
 Grant No.: 5 R10 CA12014-08 CCI
 Project Title: Southwest Oncology Group - Statistical Group
 Principal Investigator: Edmund A. Gehan, Ph.D.
 New Funds: \$418,214
 Current Budget Period: January 1, 1977 through December 31, 1977
 Total Project Period: January 1, 1975 through December 31, 1977
 Description: Continuation of support for research.
 County of Expenditure: Harris
19. Agency: Department of Health, Education and Welfare
 National Cancer Institute
 Grant No.: 5 R26 CA14140-05 LB
 Project Title: National Large Bowel Cancer Project
 Principal Investigator: Murray M. Copeland, M.D.
 New Funds: \$306,372
 Current Budget Period: December 1, 1976 through November 30, 1977
 Total Project Period: August 1, 1972 through November 30, 1977
 Description: Continuation of support for research.
 County of Expenditure: Harris
20. Agency: National Cancer Institute
 Cancer Treatment Contracts Section
 Contract No.: N01 CM-43801, Modification No. 8
 Project Title: Phase I Studies of New Anti-Cancer Agents
 Principal Investigator: Gerald P. Bodey, M.D.
 Contract Amount: \$642,474
 Previously Funded: \$388,302
 Increase by Modifi-
 cation: \$254,172
 Total Incremental
 Funding: \$554,974
 Period of Modification: December 24, 1976 through December 23, 1977
 Total Contract Period: June 24, 1974 through June 23, 1978
 Description: Support for the continuation of research.
 County of Expenditure: Harris
21. Agency: Department of Health, Education and Welfare
 National Cancer Institute
 Grant No.: 5 T32 CA09070-03 CT
 Project Title: Training Program in Pediatric Hematology - Oncology

The University of Texas System Cancer Center
Regents Meeting April 15, 1977 - Grants and Contracts (Fed.) - Cont'd

Principal Investigator: Jan van Eys, M.D., Ph.D.
New Funds: \$81,746
Current Budget Period: July 1, 1977 through June 30, 1978
Total Project Period: July 1, 1975 through June 30, 1980
Description: Support for the continuation of research.
County of Expenditure: Harris

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER
AMENDMENTS TO THE 1976-77 OPERATING BUDGET
BOARD OF REGENTS MEETING APRIL 15, 1977

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General Administration

Office of the President

1. Appointment
Mary L. Gallagher - Other Staff
Government Affairs Analyst
\$14,000.00 per annum - General Funds
Effective December 15, 1976
Reserve for Professional Salaries
RBC 180
2. Change in title and increase in salary
Mary E. White - Other Staff
From: Administrative Coordinator
To: Assistant to the President
From: \$17,250.00 per annum - General Funds
To: \$20,000.00 per annum - General Funds
Effective February 1, 1977
Budgeted position for Mrs. White
RBC 211

Office of the Director

3. Appointment
Richard C. Nairn, M.D. - Without Tenure
Visiting Professor in Residence
\$12,000.00 per annum - Blaffer Foundation Fund for Cancer Research
Effective February 1, 1977 through May 31, 1977
Blaffer Foundation Fund for Cancer Research
RBC 214

Office of the Director of Extramural Programs

4. Appointment
Carmault B. Jackson, Jr., M.D. - Without Tenure
Associate Director for Extramural Programs and Internist
\$38,000.00 per annum - General Funds and
\$17,000.00 per annum - Permissive Augmentation - PRS
(Total compensation \$55,000.00)
Effective December 1, 1976
Reserve for Professional Salaries and PRS Reserve for Augmentation
Account
RBC 178
5. Appointment
Steve M. Villegas - Other Staff
Business Administrator
\$18,000.00 per annum - Rio Grande Radiation Treatment Center
Effective December 31, 1976
Rio Grande Radiation Treatment Center
RBC 193 Revised

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

- 6. Appointment
 George M. Kresch - Other Staff
 Assistant to the Extramural Program Director
 \$22,000.00 per annum - General Funds
 Effective January 21, 1977
 Reserve for Professional Salaries
 RBC 215

Business Office

Patient Accounts

- 7. Appointment
 Patricia Meadors- Classified
 Accounting Clerk II
 \$7,896.00 per annum - General Funds
 Effective January 27, 1977
 Reserve for Classified Salaries
 RBC 208

Payroll

- 8. Appointment
 Robert R. Buntyn - Other Staff
 Assistant Payroll Supervisor
 \$15,500.00 per annum - General Funds
 Effective January 17, 1977
 Reserve for Professional Salaries
 RBC 200

Personnel

- 9. Resignation
 Leon E. McClure - Other Staff
 Assistant Personnel Manager
 \$19,800.00 per annum
 Effective the last working day of January 7, 1977
 RBC 192

The Tumor Institute

Division of Medical Staff

Medicine

- 10. Resignation
 Gary L. Nicholson, M.D. - Without Tenure
 Faculty Associate in Medicine
 \$20,000.00 per annum - PRS Faculty Associate Account
 Effective the last working day of December 30, 1976
 RBC 181

Pathology

- 11. Appointment
 Richard A. Montagna, Ph.D. - Without Tenure
 Research Associate
 \$15,500.00 per annum - Contract N01 CP-65846

Effective January 1, 1977
Available Contract Funds
RBC 196

12. Resignation
Constance L. Reischer - Other Staff
Research Analyst
\$14,000.00 per annum - General Funds
Effective close of business January 13, 1977
RBC 199

Diagnostic Radiology

13. Appointment
Luceil B. North, M.D. - Without Tenure
Radiologist and Associate Professor of Radiology
\$43,000.00 per annum - General Funds and
\$12,000.00 per annum - Permissive Augmentation PRS
(Total compensation \$55,000.00)
Effective February 1, 1977
Reserve for Professional Salaries and PRS Reserve for Augmentation
Account
RBC 210

Radiotherapy

14. Resignation
Jesus B. Caderao, M.D. - Without Tenure
Assistant Radiotherapist and Assistant Professor of Radiotherapy
41% time rate of \$14,000.00 per annum - Grant 5 P01-CA-6294
59% time rate of \$20,000.00 per annum - Grant 5 P01-CA-12542 and
\$11,000.00 per annum - Permissive Augmentation PRS
(Total compensation \$45,000.00)
Effective the last working day of January 7, 1977
RBC 191
15. Appointment
Chagai Dubrawsky, M.D. - Without Tenure
Research Associate
\$24,000.00 per annum - Grant 5 P01-CA-6294
Effective January 1, 1977
Available Grant Funds
RBC 194

Rehabilitation Medicine

16. Leave Without Pay
Chandra P. Ajmani, M.D. - Without Tenure
Assistant Psychiatrist
\$22,000.00 per annum - General Funds
\$9,000.00 per annum - Permissive Augmentation PRS
(Total compensation \$31,000.00)
Effective December 31, 1976 through January 31, 1977
RBC 172

The University of Texas System Cancer Center
Regents Meeting April 15, 1977 - Budget - Cont'd

- 17. Change in Time Status
Elizabeth A. Smith, Ph.D. - Without Tenure
Psychometrist
From: 10% time rate of \$2,500.00 per annum - Contract N01-CN-45111
10% time rate of \$2,500.00 per annum - Contract N01-CN-45127
(Total compensation \$5,000.00)
Full time rate \$25,000.00
To: 10% time rate of \$2,500.00 per annum - Contract N01-CN-45111
(Total compensation \$2,500.00)
Full time rate \$25,000.00
Effective December 1, 1976 through May 31, 1977
Available Contract Funds
RBC 179

Anesthesiology

- 18. Resignation
Billie F. Strother, M.D. - Without Tenure
Associate Anesthesiologist and Assistant Professor of Anesthesiology
\$35,500.00 per annum - General Funds
\$15,500.00 per annum - Permissive Augmentation PRS
(Total compensation \$51,000.00)
Effective close of business January 30, 1977
RBC 202

- 19. Resignation
Preyaratt T. Phitayakorn, M.D. - Without Tenure
Assistant in Anesthesiology and Instructor in Anesthesiology
\$25,000.00 per annum - General Funds
Effective close of business January 31, 1977
RBC 203

- 20. Appointment
Jake E. Davis, M.D. - Without Tenure
Assistant Anesthesiologist and Assistant Professor of Anesthesiology
\$34,000.00 per annum - General Funds
\$16,000.00 per annum - Permissive Augmentation PRS
(Total compensation \$50,000.00)
Effective February 7, 1977
Reserve for Professional Salaries and PRS Reserve for Augmentation
Account
RBC 216

Gynecology

- 21. Appointment
Ralph S. Freedman, M.D. - Without Tenure
Assistant Surgeon and Assistant Professor of Gynecology
\$33,000.00 per annum - General Funds
Effective January 1, 1977
Reserve for Professional Salaries
RBC 206

Division of Research

Biochemistry

- 22. Reappointment
Kathleen Hillman, Ph.D. - Without Tenure

Research Associate
\$13,020.00 per annum - Grant 5 R01-HD-7752
Effective December 1, 1976 through August 31, 1977
RBC 175

Research Physics

23. Appointment
Arthur G. Haus - Without Tenure
Assistant Physicist and Instructor in Diagnostic Radiology and
Physics, Research Physics
\$25,000.00 per annum - General Funds
Effective November 8, 1976
Reserve for Professional Salaries
RBC 158 Revised
24. Increase in salary
John E. McGinness, III, Ph.D. - Without Tenure
Assistant Physicist and Assistant Professor of Biophysics, Research
Physics
From: \$18,000.00 per annum - Grant 5 R01-CA-17891
To: \$18,500.00 per annum - Grant 5 R01-CA-17891
Effective January 1, 1977
Available Grant Funds
RBC 187
25. Increase in Salary
Lawrence W. Berkley - Other Staff
Assistant in Physics, Research Physics
From: \$17,000.00 per annum - Grant 5 R10-CA-10953
To: \$18,000.00 per annum - Grant 5 R10-CA-10953
Effective January 1, 1977
Available Grant Funds
RBC 188
26. Appointment
Stephen B. Givens - Other Staff
Assistant in Physics
\$18,000.00 per annum - Grant 5 R10-CA-10953
Effective February 1, 1977
Available Grant Funds
RBC 218

Experimental Medicine

27. Reappointment, change in time assignment, and change in source of funds
Reida M. Cailleau, Ph.D. - Without Tenure
Research Associate
From: \$23,500.00 per annum - Contract N01-CB-23869
To: 33% time rate of \$7,833.00 per annum
Full time rate \$23,500.00 - Grant 5 S01-RR-5511
Effective January 1, 1977
Available Grant Funds
RBC 198

The University of Texas System Cancer Center
Regents Meeting April 15, 1977 - Budget - Cont'd

Nuclear Medicine

28. Resignation
Tad Konikowski - Without Tenure
Assistant Chemist and Assistant Professor of Medicine, Nuclear Medicine
\$27,000.00 per annum - General Funds
Effective last working day January 31, 1977
RBC 204

Experimental Radiotherapy

29. Appointment
Chagai Dubrawsky, M.D. - Without Tenure
Research Associate
\$24,000.00 per annum - Grant 5 P01-CA-6294
Effective January 1, 1977
Available Grant Funds
RBC 194 Revised
30. Transfer
Lester J. Peters, M.D. - Without Tenure
Associate Radiotherapist and Assistant Professor of Radiotherapy
From: \$31,000.00 per annum - Radiotherapy General Funds and \$6,000.00
per annum - Permissive Augmentation PRS
(Total compensation \$37,000.00)
To: \$31,000.00 per annum - Experimental Radiotherapy General Funds
and \$6,000.00 per annum - Permissive Augmentation PRS
(Total compensation \$37,000.00)
Effective January 1, 1977
Budgeted position for Dr. Peters and Physician Referral Service
Augmentation
RBC 207

Experimental Surgery

31. Transfer \$16,000.00 from the Reserve Maintenance and Operation to
Experimental Surgery Maintenance and Operation.
Effective December 1, 1976
RBC 182

Developmental Therapeutics

32. Place on leave without pay
Walter F. Goldman, Ph.D. - Without Tenure
Research Associate
\$16,000.00 per annum - Grant 1 R01-CA-19856
Effective January 4, 1977 through January 31, 1977
RBC 195
33. Appointment
Brian F. Issell, M.D. - Without Tenure
Faculty Associate in Developmental Therapeutics
\$23,000.00 per annum - Grant 1 R01-CA-19806
Effective January 1, 1977
Available Grant Funds
RBC 205

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The University of Texas System Cancer Center
Regents Meeting April 15, 1977 - Budget - Cont'd

34. Extend leave without pay
Walter F. Goldman, Ph.D. - Without Tenure
Research Associate
\$16,000.00 per annum - Grant 1 R01-CA-19856
Effective February 1, 1977 through February 6, 1977
Request for Budget Change #195 has been submitted for leave without
pay for Dr. Goldman for the period January 4, 1977 through January 31,
1977.
RBC 217

Computer Science Laboratory, Institute
of Biomathematics

35. Appointment
William W. Hargrove, Jr., - Other Staff
Data Systems Manager
\$21,400.00 per annum - Research Computer Facility Fund
Effective January 1, 1977
Research Computer Facility Fund
RBC 189

Division of Education

Office of Education

36. Transfer funds in the amount of \$275,000.00 from various vacant
budgeted positions for residents and fellows in the Office of Education,
professional salaries appropriation to Office of Education, Maintenance
and Operation appropriation to fund our cost of the combined residency
program. Stipends for trainees in the combined residency program are
paid by The University of Texas System Medical Foundation and The
University of Texas System Cancer Center is billed monthly for its
share of the costs.
RBC 176

Division of Patient Care Activities

Office of Associate Director-Hospital

37. Change in time assignment
Clifton D. Howe, M.D. - Without Tenure
Internist and Professor of Medicine
From: \$39,688.00 per annum - Office of Associate Director-Hospital
General Funds and
\$12,000.00 per annum - Permissive Augmentation PRS
(Total compensation \$51,688.00)
To: 33% time rate of \$13,229.00 per annum - Office of Associate
Director-Hospital General Funds and
\$4,000.00 per annum - Permissive Augmentation PRS
Full time rate \$39,688.00
(Total compensation \$17,229.00)
Effective February 1, 1977
Budgeted position for Dr. Howe and Physicians Referral Service
Augmentation
RBC 201

Clinic Administration

38. Increase in Salary
John L. Hartig, II - Other Staff
Assistant Administrator
From: \$19,500.00 per annum - General Funds
To: \$20,700.00 per annum - General Funds
Effective January 1, 1977
Budgeted position for Mr. Hartig and Reserve for Professional Salaries
RBC 186

Clinical Physics

39. Leave without pay
John L. Horton, Jr. - Other Staff
Assistant in Physics
\$18,500.00 per annum - Grant 2 P01-CA-12542
Effective January 17, 1977 through February 16, 1977
RBC 190

Nursing

40. Change in departmental assignment and change in time status
Elizabeth A. Smith, Ph.D. - Without Tenure
Psychometrist
From: Rehabilitation Medicine
10% time rate of \$2,500.00 per annum - Contract N01-CN-45111 and
10% time rate of \$2,500.00 per annum - Contract N01-CN-45127
(Total compensation \$5,000.00)
Full time rate \$25,000.00
To: Director of Nursing Office
10% time rate of \$2,500.00 per annum - Contract N01-CN-45111
(Total compensation \$2,500.00)
Full time rate \$25,000.00
Effective December 1, 1976 through May 31, 1977
Available Contract Funds
RBC 179 Revised

Division of General Services

Systems Engineering

41. Resignation
Wayne E. Beeson - Other Staff
Systems Engineer
\$16,500.00 per annum - General Funds
Effective close of business December 15, 1976
RBC 174

Division of Physical Plant

Physical Plant

42. Increase in salary
Kenneth A. Perkins - Other Staff
Engineer

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

From: \$17,000.00 per annum - General Funds
 To: \$18,200.00 per annum - General Funds
 Effective January 1, 1977
 Budgeted position for Mr. Perkins and Reserve for Professional Salaries
 RBC 185

Anderson-Mayfair

- 43. Resignation
 Joyce A. Omer - Other Staff
 Assistant Manager - Front Office
 62.5% time rate of \$7,687.50 per annum - Administration Office Funds
 Full time rate \$12,300.00
 Effective the last working day of January 28, 1977
 RBC 197
- 44. Appointment
 Ramon L. Laughter - Other Staff
 Manager - Front Office
 \$14,000.00 per annum - Anderson-Mayfair Funds
 Effective February 1, 1977
 Available Anderson-Mayfair Funds
 RBC 212
- 45. Lapse the amount of \$600,000.00 from the 1976-77 Operating Budget by transfer of that amount from the Reserve for Professional Salaries Account to the General Funds Unappropriated Balance Account.
 RBC 183
- 46. Transfer of Funds

Transfer funds as indicated from various vacant Professional and Other Staff positions as of November 30, 1976 to various Classified Salaries, Maintenance and Operation Account and the Reserve for Professional Salaries Account, Reserve for Classified Salaries Account and the Reserve for Maintenance and Operation Account in accordance with Budget Rules and Procedures.

Transfer From:

<u>Department</u>	<u>Appropriation Item</u>	<u>Position</u>	<u>Page No.</u>	<u>Amount</u>
Office of the President	Other Staff Salaries	Administrative Coordinator (001)	2	\$ 4,312
Office of the President	Other Staff Salaries	Government Affairs Analyst (001)	2	14,250
Office of the Director	Professional Salaries	Assistant Director (001)	5	25,000
Office of the Vice President for Business and Hospital Affairs	Other Staff Salaries	Vice President for Business and Hospital Affairs (001)	8	33,763

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

Office of the Vice President for Business and Hospital Affairs	Other Staff Salaries	Associate Administrator	8	30,100
Office of the Vice President for Business and Hospital Affairs	Other Staff Salaries	Senior Systems Analyst	8	16,500
Business Office - Payroll	Other Staff Salaries	Assistant Payroll Supervisor	19	11,731
Medicine	Professional Salaries	Internist and Associate Professor of Medicine (001)	34	32,000
Medicine	Professional Salaries	Internist and Associate Professor of Medicine (002)	34	32,000
Medicine	Professional Salaries	Internist and Associate Professor of Medicine (003)	34	32,000
Medicine	Professional Salaries	Associate Internist and Associate Professor of Medicine (001)	34	4,430
Medicine	Professional Salaries	Assistant Internist and Assistant Professor of Medicine (004)	34	\$26,000
Medicine	Professional Salaries	Assistant Internist (001)	34	5,000
Medicine	Professional Salaries	Assistant Internist (002)	34	2,500
Medicine	Professional Salaries	Assistant Internist and Instructor in Medicine (003)	34	4,000
Medicine	Professional Salaries	Clinical Associate in Medicine (001)	34	6,500
Medicine	Professional Salaries	Faculty Associate in Medicine (001)	34	2,266
Medicine	Professional Salaries	Faculty Associate in Medicine (002)	34	13,200

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

Medicine	Professional Salaries	Clinical Associate Neurologist (001)	34	6,000
Laboratory Medicine	Professional Salaries	Pathologist and Professor of Pathology (002)	42	34,000
Laboratory Medicine	Professional Salaries	Assistant Pathologist and Assistant Professor of Pathology (003)	42	28,000
Laboratory Medicine	Professional Salaries	Assistant Clinical Pathologist (001)	42	20,500
Laboratory Medicine	Professional Salaries	Associate Biochemist and Assistant Professor of Biochemistry (001)	42	6,000
Pediatrics	Professional Salaries	Pediatrician and Professor of Pediatrics (002)	45	5,000
Pediatrics	Professional Salaries	Pediatrician and Professor of Pediatrics (005)	45	\$10,666
Pediatrics	Professional Salaries	Assistant Pediatrician and Professor of Pediatrics (003)	45	6,000
Diagnostic Radiology	Professional Salaries	Assistant Physiologist and Assistant Professor of Radiology (Physiology) (001)	47	2,000
Diagnostic Radiology	Professional Salaries	Assistant Radiologist and Assistant Professor of Radiology (002)	47	2,500
Diagnostic Radiology	Professional Salaries	Assistant Radiologist and Assistant Professor of Radiology (004)	47	6,666
Diagnostic Radiology	Professional Salaries	Assistant Radiologist and	47	5,000

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

		Assistant Pro- fessor of Radiology (005)		
Diagnostic Radiology	Professional Salaries	Assistant Radiologist and Assistant Pro- fessor of Radiology (006)	47	3,500
Radiotherapy	Professional Salaries	Radiotherapist and Associate Professor of Radiotherapy (002)	51	32,500
Radiotherapy	Professional Salaries	Associate Radio- therapist and Assistant Pro- fessor of Radiotherapy (002)	51	35,000
Radiotherapy	Professional Salaries	Assistant Radio- therapist and Assistant Pro- fessor of Radiotherapy (001)	51	25,000
Radiotherapy	Professional Salaries	Assistant Radio- therapist and Assistant Pro- fessor of Radiotherapy (002)	51	\$18,000
Radiotherapy	Professional Salaries	Assistant Radio- therapist and Assistant Pro- fessor of Radiotherapy (005)	51	25,000
Rehabilitation Medicine	Professional Salaries	Physician and Professor of Rehabilitation Medicine (001)	54	35,000
Rehabilitation Medicine	Professional Salaries	Assistant Physiatrist and Assistant Pro- fessor of Rehabilitation Medicine (002)	54	30,000
Rehabilitation Medicine	Professional Salaries	Assistant Physiatrist and Assistant Pro- fessor of Rehabilitation Medicine (003)	54	8,916

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

Rehabilitation Medicine	Professional Salaries	Assistant Physiatrist and Assistant Pro- fessor of Rehabilitation Medicine (004)	54	10,000
Surgery	Professional Salaries	Assistant Surgeon 56 (General Surgery) Section of General Surgery and Assistant Pro- fessor of Surgery (001)	56	28,000
Surgery	Professional Salaries	Assistant Surgeon 56 (General Surgery) Section of General Surgery and Assistant Pro- fessor of Surgery (002)	56	31,000
Surgery	Professional Salaries	Assistant Surgeon 56 (General Surgery) Section of General Surgery and Assistant Pro- fessor of Surgery (003)	56	\$31,000
Surgery	Professional Salaries	Assistant Surgeon 56 (General Surgery) Section of General Surgery and Assistant Pro- fessor of Surgery (004)	56	28,000
Surgery	Professional Salaries	Assistant Surgeon 56 (Head and Neck Surgery) Section of Head and Neck Surgery and Assistant Pro- fessor of Surgery (001)	56	31,000
Surgery	Professional Salaries	Assistant Surgeon 56 (Head and Neck Surgery) Section of Head and Neck Surgery and Assistant Pro- fessor of Surgery (002)	56	31,000
Surgery	Professional Salaries	Assistant Surgeon 56 (Urology) Section of Urology and Assistant Pro-	56	30,000

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

		Professor of Urology (003)		
Surgery	Professional Salaries	Associate Surgeon 56 (Neurosurgery) Neurosurgery Service (002)		30,000
Surgery	Professional Salaries	Clinical Associate Surgeon (Neurosurgery), Neurosurgery Service (001)	56	8,522
Anesthesiology	Professional Salaries	Anesthesiologist and Assistant Professor of Anesthesiology (002)	62	\$38,000
Anesthesiology	Professional Salaries	Associate Anesthesiologist (001)	62	4,133
Anesthesiology	Professional Salaries	Assistant Anesthesiologist and Assistant Professor of Anesthesiology (003)	62	583
Gynecology	Professional Salaries	Assistant Surgeon 65 (Gynecology) and Assistant Professor of Gynecology (001)		22,889
Gynecology	Professional Salaries	Assistant Surgeon 65 (Gynecology) and Assistant Professor of Gynecology (002)	65	26,500
Gynecology	Professional Salaries	Assistant Surgeon 65 (Gynecology) and Assistant Professor of Gynecology (003)	65	30,000
Gynecology	Professional Salaries	Assistant Surgeon 65 (Gynecology) and Assistant Professor of Gynecology (004)	65	30,000
Dental Oncology	Professional Salaries	Assistant Surgeon 67 (Prosthodontics -	67	2,000

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

		Maxillofacial), Dental Service (001)		
Office of Research	Professional Salaries	Assistant Director for Research Analysis (001)	70	30,000
Office of Research	Professional Salaries	Director of the Cancer Clinical Research Center (001)	70	35,500
Biochemistry	Professional Salaries	Biochemist and Professor of Biochemistry (002)	72	\$35,000
Biochemistry	Professional Salaries	Associate Biochemist and Assistant Professor of Biochemistry (001)	72	23,000
Biology	Professional Salaries	Biologist and Professor of Biology (001)	75	20,000
Molecular Biology	Professional Salaries	Assistant Biologist and Assistant Professor of Biology (001)	82	23,000
Research Physics	Other Staff Salaries	Assistant in Physics (001)	84	14,000
Experimental Medicine	Professional Salaries	Assistant Biochemist and Assistant Professor of Biochemistry (001)	90	17,000
Experimental Pathology	Professional Salaries	Pathologist and Professor of Pathology (001)	96	32,000
Experimental Pathology	Professional Salaries	Assistant Pathologist and Assistant Professor of Pathology (001)	96	27,000
Experimental Pediatrics	Professional Salaries	Clinical Associate Pediatrician (001)	100	5,272
Experimental Radiotherapy	Professional Salaries	Associate Radiotherapist and	103	30,000

Associate Pro-
 fessor of
 Radiotherapy
 (001)

Experimental Radio- therapy	Professional Salaries	Assistant Radio- therapist and Assistant Pro- fessor of Radiotherapy (001)	103	9,500
Experimental Radio- therapy	Professional Salaries	Research Associate (001)	103	\$22,000
Experimental Surgery	Professional Salaries	Assistant Biologist, Section of Experimental Surgery and Assistant Pro- fessor of Surgery (Biology) (001)	105	18,000
Experimental Surgery	Professional Salaries	Associate Experimental Surgeon and Pro- fessor of Anatomy (001)	105	29,000
Experimental Anesthesiology	Professional Salaries	Clinical Physiologist and Associate Pro- fessor of Clinical Physiology (001)	107	25,000
Developmental Therapeutics	Professional Salaries	Assistant Internist and Assistant Pro- fessor of Medicine (004)	108	500
Epidemiology	Professional Salaries	Associate Epidemiologist (001)	115	28,000
Epidemiology	Professional Salaries	Assistant Epidemiologist (001)	115	8,000
Epidemiology	Professional Salaries	Assistant Epidemiologist (002)	115	20,800
Epidemiology	Professional Salaries	Assistant Epidemiologist (Biomathematician)	115	18,333

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

		and Assistant Pro- fessor of Epidemiology (001)		
Epidemiology	Professional Salaries	Assistant Computer Scientist and Assistant Pro- fessor of Epidemiology (Computer Sciences) and Bio- mathematics	115	8,983
Epidemiology	Other Staff Salaries	Supervisor of Patient Data Management	115	\$20,500
Experimental Animals	Professional Salaries	Research Associate (001)	118	16,000
Computer Science Lab., Inst. of Biomathematics	Professional Salaries	Associate Bio- mathematician and Associate Pro- fessor of Bio- mathematics and Biochemistry (001)	122	26,000
Molecular Carcinogenesis	Professional Salaries	Associate Virologist (002)	126	27,000
Molecular Carcinogenesis	Professional Salaries	Associate Virologist (003)	126	4,833
Molecular Carcinogenesis	Professional Salaries	Assistant Virologist (001)	126	25,000
Office of Education	Professional Salaries	Assistant to the Director (001)	131	28,000
Extramural Programs	Professional	Internist (001)	135	30,000
Office of the Associate Director-Clinic	Professional Salaries	Assistant Director-Clinic	147	30,000
Hospital Administration	Other Staff Salaries	Assistant Administrator (002)	151	13,533
Hospital Administration	Other Staff Salaries	Assistant Administrator (003)	151	18,000
Hospital Administration	Other Staff Salaries	Assistant Administrator (004)	151	18,000
Food Service	Other Staff Salaries	Assistant Director of Dietetic Service (002)	164	18,000

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

Respiratory Therapy	Professional Salaries	Assistant Anesthesiologist (001)	167	32,000
Insurance	Other Staff Salaries	Assistant Insurance Supervisor (001)	169	15,000
Clinical Physics	Other Staff Salaries	Assistant in Physics (001)	182	10,000
Diagnostic Radiology Service	Other Staff Salaries	X-ray Service Engineer (001)	187	\$ 2,258
Volunteer Service	Other Staff Salaries	Assistant Director of Volunteer Service (001)	193	12,000
Director of Nursing Office	Other Staff Salaries	Associate Director of Nursing (002)	194	20,000
Nursing Service - Education	Other Staff Salaries	Associate Director of Nursing - Education (001)	196	19,000
Rehabilitation Center - Administration and Registration	Other Staff Salaries	Assistant Administrator (001)	215	19,500
Systems Engineering	Other Staff Salaries	Industrial Engineer (001)	231	15,000
Workmen's Compensation Insurance	Professional Salaries	Assistant Internist and Assistant Professor of Medicine (001)	233	30,000
Information Office	Other Staff Salaries	Science Writer (001)	234	16,000
Science Park - Veterinary Service	Professional Salaries	Biologist and Professor of Biology (001)	250	32,000
Science Park - Veterinary Service	Professional Salaries	Assistant Veterinarian and Assistant Professor of Veterinary Medicine and Surgery (002)	250	27,000
			TOTAL	<u>\$2,057,939</u>

The University of Texas System Cancer Center
 Regents Meeting April 15, 1977 - Budget - Cont'd

Transfer To:

<u>Department</u>	<u>Appropriation Item</u>	<u>Page No.</u>	<u>Amount</u>
Office of the President	Classified Salaries	2	\$ 3,000
Pediatrics	Classified Salaries	45	1,500
Dental Oncology	Classified Salaries	67	9,000
Experimental Pathology	Maintenance and Operation	96	25,000
Gynecology Services	Maintenance and Operation	206	10,200
Development Office	Maintenance and Operation	230	1,500
Development Office	Maintenance and Operation	230	5,000
Reserves	Reserve for Professional Salaries	259	1,577,739
Reserves	Reserve for Classified Salaries	259	125,000
Reserves	Reserve for Maintenance and Operation	259	<u>300,000</u>
	TOTAL		<u>\$2,057,939</u>

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THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

Other Fiscal Items:

Schedule of Additional or Changes in
Funding of Construction Projects

<u>Project Number</u>		Source of Funds		<u>Amount</u>
		<u>From</u>	<u>To</u>	
703-78	Expansion of M. D. Anderson Hospital (F & E Account)		Private Gifts	829,015.69

LAND AND INVESTMENT REPORT

Meeting of April 15, 1977

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LAND AND INVESTMENT REPORT

For Month Ended December 31, 1976

I. PERMANENT UNIVERSITY FUND

PERMANENT UNIVERSITY FUND - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Permanent University Fund in December, 1976. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON
SUMMARY OF ASSETS

SECURITY	BOOK VALUE 12/31/75	BOOK YIELD 12/31/75	BOOK VALUE 12/31/76	BOOK YIELD 12/31/76
<u>DEBT SECURITIES:</u>				
U. S. Government Obligations--				
Treasury Bonds	\$116,264,989.32	6.44%	\$124,317,801.40	6.55%
Various Government Guaranteed Bonds	94,118,039.00	8.06	111,756,139.96	8.22
FHA Mortgages	<u>11,537,270.78</u>	<u>7.01</u>	<u>10,337,389.54</u>	<u>7.01</u>
TOTAL - U. S. Government Obligations	<u>221,920,299.10</u>	<u>7.16</u>	<u>246,411,330.90</u>	<u>7.33</u>
Other Government Agencies (Non-Guaranteed)	<u>1,000,000.00</u>	<u>9.10</u>	<u>1,000,000.00</u>	<u>9.10</u>
Corporate Bonds	<u>282,309,166.64</u>	<u>5.60</u>	<u>284,124,930.80</u>	<u>6.16</u>
TOTAL - DEBT SECURITIES	<u>505,229,465.74</u>	<u>6.29</u>	<u>531,536,261.70</u>	<u>6.71</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	10,097,290.00	5.72	8,533,090.00	5.76
Convertible Preferred Stocks	6,342,900.64	3.80	2,434,505.43	4.31
Common Stocks	<u>259,824,678.92</u>	<u>4.92</u>	<u>301,061,946.30</u>	<u>4.92</u>
TOTAL - EQUITY SECURITIES	<u>276,264,869.56</u>	<u>4.92</u>	<u>312,029,541.73</u>	<u>4.94</u>
TOTAL - LONG TERM INVESTMENTS	<u>781,494,335.30</u>	<u>5.81</u>	<u>843,565,803.43</u>	<u>6.05</u>
<u>CASH & EQUIVALENT:</u>				
Short Term U. S. Government Obligations	2,847,814.24	6.55	5,970,765.03	7.56
Short Term Corporate Bonds	5,844,054.16	7.33	2,230,000.00	7.46
Commercial Paper	23,013,000.00	<u>6.35</u>	19,227,000.00	<u>5.12</u>
Cash (Interest Bearing)	<u>976,911.76</u>		<u>8,860,425.52</u>	
TOTAL - CASH & EQUIVALENT	<u>32,681,780.16</u>	<u>6.35</u>	<u>36,288,190.55</u>	<u>5.39</u>
TOTAL - SECURITIES, CASH & EQUIVALENT	<u>\$814,176,115.46</u>	<u>5.83%</u>	<u>\$879,853,993.98</u>	<u>6.02%</u>
Indicated Annual Income for Ensuing 12 Months	\$ 47,466,467.00		\$ 52,967,210.00	

SUMMARY OF TRANSACTIONS
(December, 1976)

	<u>Cost</u>	<u>Yield at Cost</u>
<u>Purchases:</u>		
U. S. Government Obligations Guaranteed	\$1,113,940.16	8.28%
Corporate Bonds	1,108,069.03	8.11
Common Stocks	4,151,981.00	3.89
TOTAL	<u>6,373,990.19</u>	<u>5.39%</u>
Net Commercial Paper	<u>913,000.00</u>	
TOTAL PURCHASES	<u>\$7,286,990.16</u>	
	<u>Proceeds</u>	<u>Gain or (Loss)</u>
<u>Bond Maturities and Prepayments:</u>		
U. S. Government Obligations Guaranteed--		
GNMA Pools	\$ 189,172.52	(\$2,378.32)
FHA Mortgages	104,462.04	-0-
Other	<u>19,000.00</u>	<u>-0-</u>
TOTAL - U. S. Government Obligations	<u>312,634.56</u>	(<u>2,378.32</u>)
Corporate Bonds	<u>3,228,500.00</u>	<u>4,513.55</u>
TOTAL BOND MATURITIES AND PREPAYMENTS	<u>\$3,541,134.56</u>	<u>\$2,135.23</u>

BOND EXCHANGES

<u>Par Exchanged</u>	<u>Increase in Annual Income</u>
<u>\$1,231,000</u>	<u>\$5,841.25</u>

PERMANENT UNIVERSITY FUND BOOK VALUE

November 30, 1976 Balance	\$872,521,737.68
Additions (December, 1976)	
Realized Net Gain or (Loss) on Security Transactions	\$ 2,135.23
From General Land Office	7,263,639.91
From Sulphur Royalties	<u>66,481.16</u>
	<u>7,332,256.30</u>
December 31, 1976 Balance	<u>\$879,853,993.98</u>

INVESTMENTS ACQUIRED
(December, 1976)

Par Value or No. Shares	Description	Price	Total Net Cost	Yield at Cost
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>				
	<u>Various Long Term.</u>			
\$ 113,940.16	Blue Ridge Hospital System, Inc. (Hill-Burton Loan) 9% Note, due 7/1/2000 (Eleventh drawdown on total purchase of \$3,000,000.00)	100.00	\$ 113,940.16	9.00%
1,000,000.00	Manufacturers Hanover Trust Co., Owner Trustee, Ship Financing Bonds, Issue II, Series C, 8.20% SF Bonds, due 5/1/2004	100.00	<u>1,000,000.00</u>	<u>8.20</u>
	TOTAL - U. S. Government Obligations (Guaranteed)		<u>\$1,113,940.16</u>	<u>8.28%</u>
<u>CORPORATE BONDS:</u>				
1,000,000	General Electric Credit Corp. 8-1/8% Sub. Notes, due 1/15/85	100.00	\$1,000,000.00	8.13%
123,000	Houston Lighting & Power Co. 6-3/4% 1st Mtge., due 11/1/97	87.86	<u>108,069.03</u>	<u>7.95</u>
	TOTAL - Corporate Bonds		<u>\$1,108,069.03</u>	<u>8.11%</u>
<u>COMMON STOCKS:</u>				
2,300 Shs.	Burroughs Corporation	88.91	\$ 204,483.00	0.76%
15,000 "	Norton Simon, Inc.	19.61	294,075.00	3.06
27,800 "	Panhandle Eastern Pipe Line Co.	47.15	1,310,650.00	4.88
42,000 "	Prentice-Hall Inc.	24.13	1,010,310.00	4.64
10,000 "	Ralston Purina Company	52.61	526,120.00	1.90
8,500 "	The Southland Corporation	26.41	224,485.00	1.89
10,400 "	Texas Eastern Corporation	36.64	381,056.00	5.05
5,800 "	Time Inc.	34.62	<u>200,802.00</u>	<u>3.32</u>
	TOTAL - Common Stocks		<u>\$4,151,981.00</u>	<u>3.89%</u>
<u>BONDS EXCHANGED IN:</u>				
\$1,231,000	See Bond Exchange Schedule for Detail		<u>\$1,193,712.51</u>	<u>6.31%</u>
	NET INCREASE IN COMMERCIAL PAPER		<u>\$ 913,000.00</u>	

COMMERCIAL PAPER HOLDINGS 12/31/76:

	<u>Book Value</u>
American Express Credit Corp.	\$ 5,727,000.00
Ford Motor Credit Co.	3,536,000.00
General Electric Credit Corp.	2,142,000.00
General Motors Credit Corp.	3,546,000.00
Walter E. Heller & Co.	1,474,000.00
Sears Roebuck Acceptance Corp.	<u>2,802,000.00</u>
	<u>\$19,227,000.00</u>

INVESTMENTS DISPOSED OF
(December, 1976)

<u>Par Value</u>	<u>Description</u>	<u>Price</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>
<u>BOND MATURITIES AND PREPAYMENTS</u>				
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>				
<u>Various Long Term</u>				
\$ 19,000.00	Moore McCormack Bulk Transport, Inc. Ship Financing Bonds, Series B, 9% SF Bonds, due 6/30/96	100.00	\$ 19,000.00	\$ -0-
189,172.52	GNMA Pass-Throughs, Various Pools	100.00	<u>189,172.52</u>	<u>(2,378.32)</u>
	TOTAL - Various Long Term		<u>208,172.52</u>	<u>(2,378.32)</u>
<u>FHA Mortgages</u>				
104,462.04	Principal Payments	100.00	<u>104,462.04</u>	<u>-0-</u>
	TOTAL - U. S. Govt. Obligations (Guaranteed)		<u>\$ 312,634.56</u>	<u>(\$2,378.32)</u>
 <u>CORPORATE BONDS:</u>				
3,500	Central Hudson Gas & Electric Corp. 4.85% Promissory Note, due 12/1/95	100.00	\$ 3,500.00	\$ 420.65
3,000,000	Ford Motor Credit Co. 9-1/2% Medium Term Note, due 12/15/76	100.00	3,000,000.00	-0-
200,000	General Telephone Co. of Florida 10.85% 1st Mtge. Series R, due 12/1/99	100.00	200,000.00	-0-
25,000	Texaco Inc. 4-1/2% Notes, due 12/15/89	100.00	<u>25,000.00</u>	<u>4,092.90</u>
	TOTAL - Corporate Bonds		<u>\$3,228,500.00</u>	<u>\$4,513.55</u>
 <u>BONDS EXCHANGED OUT:</u>				
231,000	See Bond Exchange Schedule for Detail		<u>\$1,138,970.54</u>	

PERMANENT UNIVERSITY FUND
(December, 1976)

BOND EXCHANGES

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE RECEIVED</u>	<u>BOOK VALUE</u>		<u>MKT YIELD IN- CREASE</u>	<u>BOOK YIELD IN- CREASE</u>	<u>NEW BOOK YIELD</u>
				<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>			
<u>Corporate Bonds for U. S. Government Obligations</u>								
<u>\$1,000,000</u>	Philadelphia Elec. Co. 4.85% SF Debs., due 10/1/86	GNMA Participation Certif. 6.05%, due 2/1/88	\$ 941,748.92	\$1,007,938.92	.15%	.33%	5.95%	<u>\$2,081.83*</u> (Total Income Improvement)
<u>Corporate Bonds for Corporate Bonds</u>								
\$ 54,000	Oklahoma Natural Gas Co. 4-1/2% 1st Mtge., due 5/1/88	Northern States Power Co. (Minn.) 4-3/8% 1st Mtge., due 9/1/93	\$ 46,103.76	\$ 35,344.26	1.86%	1.90%	8.21%	\$ 853.37*
<u>177,000</u>	Ditto	Houston Lighting & Power Co. 6-3/4% 1st Mtge., due 11/1/97	<u>151,117.86</u>	<u>150,429.33</u>	2.01	1.96	8.27	<u>\$2,906.05*</u>
<u>\$ 231,000</u>	Total Exchange of Corporate Bonds for Corporate Bonds		<u>\$ 197,221.62</u>	<u>\$ 185,773.59</u>				<u>\$3,759.42*</u> (Total Income Improvement)

*Total Income Improvement represents improvement with takeout (payup) considered at current investment rates.

CASH STATEMENT
December 31, 1976

	<u>Permanent Fund</u>	<u>Available Fund</u>
<u>RECEIPTS:</u>		
From General Land Office	\$ 7,263,639.91	
From Sulphur Royalties	66,481.16	
From Disposition of Securities:		
U. S. Government Obligations		
Various Guaranteed Bonds	19,000.00	
GNMA Principal Payments	189,172.52	
FHA Mortgages	104,462.04	
Corporate Bonds	3,228,500.00	
Interest Collected:		
U. S. Government Obligations		
Treasury Securities		\$ 92.18
GNMA Interest Payments		131,596.34
Various Guaranteed Bonds		118,489.48
FHA Mortgages		57,813.78
Corporate Bonds		1,781,719.92
Convertible Debentures		12,500.00
Commercial Paper		51,664.88
Dividends Collected:		
Common Stocks		2,023,895.14
Amortization of Premium	<u>207.73</u>	
TOTAL RECEIPTS	10,871,463.36	<u>\$4,177,771.72</u>
Cash on Hand 12/1/76 (Interest Bearing)	<u>5,431,721.36</u>	
TOTAL RECEIPTS AND CASH	<u>\$16,303,184.72</u>	

CASH STATEMENT
December 31, 1976
(Continued)

	Permanent Fund	Available Fund
<u>DISBURSEMENTS:</u>		
Securities Acquired:		
U. S. Government Obligations Various Guaranteed Bonds	\$ 1,113,940.16	
Corporate Bonds	1,108,069.03	
Common Stocks	4,151,981.00	
Bonds Exchanged In - Net Disbursements	54,741.97	
Commercial Paper (Net)	913,000.00	
Amortization of Discount	101,027.04	
To Clear Out Available Fund		<u>\$4,177,771.72</u>
TOTAL DISBURSEMENTS	7,442,759.20	<u>\$4,177,771.72</u>
Cash on Hand 12/31/76 (Interest Bearing)	8,860,425.52	
TOTAL DISBURSEMENTS AND CASH	<u>\$16,303,184.72</u>	

For Month Ended January 31, 1977

I. PERMANENT UNIVERSITY FUND

PERMANENT UNIVERSITY FUND - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Permanent University Fund in January, 1977. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON
SUMMARY OF ASSETS

SECURITY	BOOK VALUE 1/31/76	BOOK YIELD 1/31/76	BOOK VALUE 1/31/77	BOOK YIELD 1/31/77
<u>DEBT SECURITIES:</u>				
U. S. Government Obligations--				
Treasury Bonds	\$116,264,989.32	6.44%	\$124,317,801.40	6.55%
Various Government Guaranteed Bonds	94,135,319.40	8.07	115,510,519.17	8.20
FHA Mortgages	11,412,819.33	7.01	10,276,219.53	7.01
TOTAL - U. S. Government Obligations	<u>221,813,128.05</u>	<u>7.16</u>	<u>250,104,540.10</u>	<u>7.33</u>
Other Government Agencies (Non-Guaranteed)	<u>1,000,000.00</u>	<u>9.10</u>	<u>1,000,000.00</u>	<u>9.10</u>
Corporate Bonds	<u>286,325,983.25</u>	<u>5.64</u>	<u>284,187,134.86</u>	<u>6.16</u>
TOTAL - DEBT SECURITIES	<u>509,139,111.30</u>	<u>6.31</u>	<u>535,291,674.96</u>	<u>6.71</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	10,097,290.00	5.72	8,083,090.00	5.72
Convertible Preferred Stocks	6,342,900.64	3.80	2,434,505.43	4.31
Common Stocks	256,549,714.18	4.91	308,226,400.02	4.92
TOTAL - EQUITY SECURITIES	<u>272,989,904.82</u>	<u>4.91</u>	<u>318,743,995.45</u>	<u>4.94</u>
TOTAL - LONG TERM INVESTMENTS	<u>782,129,016.12</u>	<u>5.82</u>	<u>854,035,670.41</u>	<u>6.05</u>
<u>CASH & EQUIVALENT:</u>				
Short Term U. S. Government Obligations	2,847,814.24	6.55	5,970,765.03	7.56
Short Term Corporate Bonds	5,844,054.16	7.33	2,230,000.00	7.46
Commercial Paper	27,558,000.00	5.86	17,753,000.00	4.95
Investment Transactions--				
Accounts Receivable	767,924.36		1,658.00	
Cash (Interest Bearing)	<u>771,744.42</u>		<u>5,896,128.22*</u>	
TOTAL - CASH & EQUIVALENT	<u>37,789,537.18</u>	<u>5.90</u>	<u>31,851,551.25</u>	<u>5.44</u>
TOTAL - SECURITIES, CASH & EQUIVALENT	<u>\$819,918,553.30</u>	<u>5.82%</u>	<u>\$885,887,221.66</u>	<u>6.03%</u>
Indicated Annual Income for Ensuing 12 Months	\$ 47,719,260.00		\$ 53,418,999.00	

(*Includes \$237,047.90 disbursement made in January for transactions settling in February)

SUMMARY OF TRANSACTIONS
(January, 1977)

<u>Purchases:</u>	<u>Cost</u>	<u>Yield at Cost</u>
U. S. Government Obligations Guaranteed	\$ 4,079,445.19	7.77%
Common Stocks	<u>7,179,463.50</u>	<u>2.95</u>
TOTAL PURCHASES	<u>\$11,258,908.69</u>	<u>4.70%</u>

<u>Sales:</u>	<u>Proceeds</u>	<u>Gain or (Loss)</u>	<u>Yield at Sale Price</u>
Common Stock Rights	\$ 15,009.78	\$ -0-	--
Convertible Debentures	<u>465,500.00</u>	<u>15,500.00</u>	6.28%
TOTAL SALES	<u>\$ 480,509.78</u>	<u>\$15,500.00</u>	

Bond Maturities and Prepayments:

U. S. Government Obligations Guaranteed--		
GNMA Pools	\$ 156,935.33	\$ 2,261.97
FHA Mortgages	61,170.01	-0-
Farmers Home Notes	29,636.60	629.34
Other	<u>163,161.00</u>	<u>-0-</u>
TOTAL - U. S. Government Obligations	<u>410,902.94</u>	<u>2,891.31</u>
Corporate Bonds	<u>20,000.00</u>	<u>1,126.33</u>
TOTAL	<u>430,902.94</u>	<u>4,017.64</u>
Net Commercial Paper	<u>1,474,000.00</u>	<u>-0-</u>
TOTAL BOND MATURITIES AND PREPAYMENTS	<u>\$ 1,904,902.94</u>	<u>\$ 4,017.64</u>

BOND EXCHANGES

<u>Par Exchanged</u>	<u>Increase in Annual Income</u>
<u>\$180,000</u>	<u>\$362.32</u>

PERMANENT UNIVERSITY FUND BOOK VALUE

December 31, 1976 Balance		\$879,853,993.98
Additions (January, 1977)		
Realized Net Gain or (Loss)		
on Security Transactions	\$ 19,517.64	
From General Land Office	5,964,103.96	
From Sulphur Royalties	<u>49,606.08</u>	<u>6,033,227.68</u>
January 31, 1977 Balance		<u>\$885,887,221.66</u>

INVESTMENTS ACQUIRED
(January, 1977)

Par Value or No. Shares	Description	Price	Total Net Cost	Yield at Cost
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>				
	<u>Various Long Term</u>			
\$ 79,445.19	Blue Ridge Hospital System, Inc. (Hill-Burton Loan) 9% Note, due 7/1/2000 (Twelfth drawdown on total purchase of \$3,000,000.00)	100.00	\$ 79,445.19	9.00%
4,000,000.00	Foss Launch & Tug Co. Ship Financing Bonds, 7-3/4% SF Bonds, due 2/15/2001	100.00	<u>4,000,000.00</u>	<u>7.75</u>
	TOTAL - U. S. Government Obligations (Guaranteed)		<u>\$4,079,445.19</u>	<u>7.77%</u>
<u>COMMON STOCKS:</u>				
64,200 Shs.	Jefferson-Pilot Corporation	31.02	\$1,991,546.00	2.58%
14,400 "	Lincoln National Corporation	35.63	513,066.50	4.49
65,700 "	Norton Simon, Inc.	19.74	1,297,197.00	3.04
5,000 "	Panhandle Eastern Pipe Line Co.	45.10	225,475.00	5.10
7,000 "	Philip Morris Inc.	58.00	405,987.50	2.24
14,000 "	Ralston Purina Company	51.47	720,630.00	1.94
55,100 "	Time Inc.	36.76	<u>2,025,561.50</u>	<u>3.13</u>
	TOTAL - Common Stocks		<u>\$7,179,463.50</u>	<u>2.95%</u>
<u>BONDS EXCHANGED IN:</u>				
\$180,000	See Bond Exchange Schedule for Detail		<u>\$ 164,611.02</u>	<u>5.57%</u>

INVESTMENTS DISPOSED OF
(January, 1977)

Par Value or No. Shares	Description	Price	Total Net Proceeds	Gain or (Loss)	
<u>BOND MATURITIES AND PREPAYMENTS</u>					
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>					
	<u>Various Long Term</u>				
\$ 14,161.00	Marcus Daly Memorial Hospital Corp. (Hill- Burton Loan) 8-1/4% Note, due 1/24/99	100.00	\$ 14,161.00	\$ -0-	
149,000.00	Moore-McCormack Bulk Transport, Inc. Ship Financing Bonds, 9% SF Bonds, Series B, due 6/30/96	100.00	149,000.00	-0-	
29,636.60	Farmers Home Administration 6% Insured Notes, due 12/14/91	100.00	29,636.60	629.34	
156,935.33	GNMA Pass-Throughs, Various Pools	100.00	<u>156,935.33</u>	<u>2,261.97</u>	
	TOTAL - Various Long Term		<u>349,732.93</u>	<u>2,891.31</u>	
	<u>FHA Mortgages</u>				
61,170.01	Principal Payments	100.00	<u>61,170.01</u>	<u>-0-</u>	
	TOTAL - U. S. Govt. Obligations (Guaranteed)		<u>\$410,902.94</u>	<u>\$ 2,891.31</u>	
<u>CORPORATE BONDS:</u>					
20,000	The Dow Chemical Co. 4-1/2% Notes, due 1/15/90	100.00	<u>\$ 20,000.00</u>	<u>\$ 1,126.33</u>	
<u>SALES</u>					
<u>CONVERTIBLE DEBENTURES:</u>					
450,000	W. R. Grace & Co. 6-1/2% Conv. Sub. Debs., due 11/15/96	103.44	<u>\$465,500.00</u>	<u>\$15,500.00</u>	<u>6.28%</u>
<u>COMMON STOCKS:</u>					
165,039 Rights	Oklahoma Gas & Electric Co. Common Stock Rights	0.09	<u>\$ 15,009.78</u>	<u>\$ -0-</u>	
<u>BONDS EXCHANGED OUT</u>					
180,000	See Bond Exchange Schedule for Detail		<u>\$163,419.42</u>		

INVESTMENTS DISPOSED OF (Continued)
(January, 1977)

Description	Total Net Proceeds
NET DECREASE IN COMMERCIAL PAPER	<u>\$1,474,000.00</u>

COMMERCIAL PAPER HOLDINGS 1/31/77:

	<u>Book Value</u>
American Express Credit Corp.	\$ 5,727,000.00
Ford Motor Credit Co.	3,300,000.00
General Electric Credit Corp.	2,142,000.00
General Motors Credit Corp.	3,546,000.00
Sears Roebuck Acceptance Corp.	<u>3,038,000.00</u>
	<u>\$17,753,000.00</u>

PERMANENT UNIVERSITY FUND
(January, 1977)

BOND EXCHANGES

<u>PAR VALUE</u>	<u>DESCRIPTION</u>		<u>BOOK VALUE</u>		<u>MKT YIELD IN- CREASE</u>	<u>BOOK YIELD IN- CREASE</u>	<u>NEW BOOK YIELD</u>
	<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>			
<u>Corporate Bonds for Corporate Bonds</u>							
\$130,000	Southern Calif. Edison Co. 4-3/8% 1st & Ref. Mtge., due 3/1/89	Central Power & Light Co. 4-3/4% 1st Mtge., due 4/1/89	\$116,464.19	\$119,313.79	.10%	.15%	5.69% \$123.11*
50,000	Indianapolis Power & Light Co. 4-1/8% 1st Mtge., due 3/1/88	Wisconsin Electric Power Co. 4-1/8% 1st Mtge., due 4/1/88	46,955.23	45,297.23	.50	.43	5.25 \$239.21*
<u>\$180,000</u>	Total Exchange of Corporate Bonds for Corporate Bonds		<u>\$163,419.42</u>	<u>\$164,611.02</u>			<u>\$362.32*</u> (Total Income Improvement)

*Total Income Improvement represents improvement with takeout (payup) considered at current investment rates.

PERMANENT UNIVERSITY FUND (Continued)
(December, 1976)

STOCK CONVERSION

<u>SECURITIES CONVERTED</u>	<u>BOOK VALUE</u>		<u>PRINCIPAL CASH REQUIRED</u>	<u>BOOK YIELD</u>		<u>INCREASE IN ANNUAL INCOME</u>
	<u>ISSUE CONVERTED</u>	<u>ISSUE RECEIVED</u>		<u>OLD YIELD</u>	<u>NEW YIELD</u>	
25,800 Shares Household Finance Corporation 2.375% Cumulative Convertible Preferred Stock into						
58,050 Shares Household Finance Corporation Common Stock (1-for-2.25 Shs. Common)	<u>\$1,641,382.15</u>	<u>\$1,641,382.15</u>	<u>-0-</u>	<u>3.73%</u>	<u>4.24%</u>	<u>\$8,385.00</u>

STOCK RECEIVED

1,200 Shs. The Southland Corporation Common Stock

(Received in 3% stock dividend)

CASH STATEMENT
January 31, 1977

	Permanent Fund	Available Fund
<u>RECEIPTS:</u>		
From General Land Office	\$ 5,964,103.96	
From Sulphur Royalties	49,606.08	
From Disposition of Securities:		
U. S. Government Obligations		
Various Guaranteed Bonds	192,797.60	
GNMA Principal Payments	156,935.33	
FHA Mortgages	61,170.01	
Corporate Bonds	20,000.00	
Convertible Debentures	465,500.00	
Common Stocks	15,009.78	
Commercial Paper (Net)	1,474,000.00	
Interest Collected:		
U. S. Government Obligations		
Treasury Securities		\$ 38,750.00
GNMA Interest Payments		130,475.63
Various Guaranteed Bonds		530,080.69
FHA Mortgages		55,477.71
Corporate Bonds		1,893,324.19
Convertible Debentures		179,211.81
Commercial Paper		144,934.78
Dividends Collected:		
Common Stocks		1,201,412.68
Convertible Preferred Stocks		26,212.50
Amortization of Premium	1,564.26	
TOTAL RECEIPTS	8,400,687.02	<u>\$4,199,879.99</u>
Cash on Hand 1/1/77 (Interest Bearing)	8,860,425.52	
TOTAL RECEIPTS AND CASH	\$17,261,112.54	

CASH STATEMENT
January 31, 1977
(Continued)

	Permanent Fund	Available Fund
<u>DISBURSEMENTS:</u>		
Securities Acquired:		
U. S. Government Obligations Various Guaranteed Bonds	\$ 4,079,445.19	
Common Stocks	7,179,463.50	
Bonds Exchanged In - Net Disbursements	1,191.60	
Amortization of Discount	103,226.03	
Cash Disbursement Made in January for Transactions Settling in February	237,047.90	
To Clear Out Available Fund		<u>\$4,199,879.99</u>
TOTAL DISBURSEMENTS	11,600,374.22	<u>\$4,199,879.99</u>
Cash and Receivables 1/31/77:		
Cash on Hand (Interest Bearing)	5,659,080.32	
Accounts Receivable	1,658.00	
TOTAL CASH AND RECEIVABLES	5,660,738.32	
TOTAL DISBURSEMENTS, CASH AND RECEIVABLES	\$17,261,112.54	

For Month Ended December 31, 1976

II. TRUST AND SPECIAL FUNDS

TRUST AND SPECIAL FUNDS - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Trust and Special Funds in December, 1976. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

INVESTMENTS ACQUIRED

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield at Cost</u>
	<u>CORPORATE BONDS:</u>		
	See Bond Purchase Schedule for Detail		
\$ 26,000	Wolf E. Jessen Unitrust	\$ 20,605.00	7.65%
	<u>COMMON STOCKS:</u>		
	See Stock Purchase Schedule for Detail		
	Common Trust Fund	183,703.00	3.34%
	Ima Hogg Foundation	95,944.00	2.17
	UTPB - Ellen and Bill Noel Scholarship Fund	14,233.75	7.46
	TOTAL - Common Stocks	293,880.75	3.16%
	TOTAL - LONG TERM INVESTMENTS	\$314,485.75	
	<u>SHORT TERM PAPER:</u>		
30,000	FMC 5-3/4% Note, due 12/15/76 (Common Trust Fund)	\$ 30,000.00	5.76%
100,000	SRAC 4.30% Note, due 12/30/76 (Ima Hogg Foundation)	100,000.00	4.30
100,000	SRAC 4-1/2% Note, due 1/5/77 (Ima Hogg Foundation)	100,000.00	4.51
200,000	C.I.T. 4.55% Note, due 1/7/77 (Common Trust Fund)	200,000.00	4.56
128,000	SRAC 4.55% Note, due 1/20/77 (Ima Hogg Foundation)	128,000.00	4.57
250,000	GE Credit 4.55% Note, due 2/1/77 (Common Trust Fund)	250,000.00	4.57
328,000	Walter E. Heller 4-5/8% Note, due 2/14/77 (Ima Hogg Foundation)	328,000.00	4.66
437,000	SRAC 4-1/2% Note, due 2/14/77 (Ima Hogg Foundation)	437,000.00	4.54
100,000	American National Bank 5% CD, due 2/28/77 (\$96,000 - Common Trust Fund - Undistributed Receipts 4,000 - Common Trust Fund)	100,000.00	5.00
100,000	Capital National Bank 4-3/4% CD, due 2/28/77 (Common Trust Fund - Undistributed Receipts)	100,000.00	4.75
146,000	American National Bank 5% CD, due 2/28/77 (Common Trust Fund - Undistributed Receipts)	146,000.00	5.00
500,000	City National Bank 5% CD, due 4/6/77 (Common Trust Fund)	500,000.00	5.00
8,100	City National Bank 5-1/8% CD, due 6/13/77 (Common Trust Fund)	8,100.00	5.13
350,000	American Express 5-1/8% Note, due 7/29/77 (Common Trust Fund)	350,000.00	5.31

INVESTMENTS DISPOSED OF
(December, 1976)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>
	<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>		
	<u>GNMA Prepayments--</u>		
\$ 7,875.85	Common Trust Fund	\$ 7,875.85	\$ 98.20
2,229.26	DMS - The William Buchanan Chair in Internal Medicine	2,229.26	(18.86)
279.02	Reserve for Possible Fire Losses - Temporary Student Housing Units	279.02	2.96
567.45	Texas Union Building Fund	567.45	44.49
3,491.16	Student Property Deposit Scholarship Fund	3,491.16	17.70
3,928.65	Student Property Deposit Scholarship Fund - Temporary	3,928.65	83.45
97,871.18	Retirement of Indebtedness Accounts	<u>97,871.18</u>	<u>1,758.97</u>
	TOTAL - U. S. Government Obligations (Guaranteed)	<u>\$116,242.57</u>	<u>\$1,986.91</u>

COMMON STOCKS:

See Stock Sales Schedule for Detail

Stocks Received by Gift or Bequest--

U. T. System - Chancellor's Council - Unrestricted Account	\$ 3,889.81
U. T. Austin -	
J. L. Mosle Memorial Scholarship Fund	1,931.25
The George M. Oliver Charitable Trust	5,709.10
The Leila A. Oliver Charitable Trust	5,709.10
Wolf E. Jessen Unitrust	21,116.79
U. T. Dallas - Woman's Club - Amelia A. Lundell Textbook Scholarship Fund	2,962.08
U. T. El Paso	486.55
U. T. Permian Basin	3,614.92
Galveston Medical Branch	12,162.50
U. T. Health Science Center at Houston	5,369.03
U. T. System Cancer Center	<u>6,695.86</u>

TOTAL - Common Stocks \$ 69,646.99SHORT TERM PAPER:

30,000	FMC 5-3/4% Note, due 12/8/76 (George W. Brackenridge Student Loan Fund)	\$ 30,000.00
8,100	City National Bank 6-1/4% CD, due 12/13/76 (The Loraine O'Gorman Gonzalez Trust)	8,100.00
100,000	SRAC 4.30% Note, due 12/30/76 (Ima Hogg Foundation)	100,000.00

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(December, 1976)

<u>NO. OF SHS.</u> <u>PURCHASED</u>	<u>ISSUE</u>	<u>STOCK PURCHASES</u>		<u>YIELD</u> <u>AT COST</u>
		<u>UNIT</u>	<u>COST</u> <u>TOTAL</u>	
3,300 Shs.	The Southland Corporation Common Stock	26.41	\$ 87,153.00	1.89%
4,000 "	Prentice-Hall Inc. Common Stock	24.14	<u>96,550.00</u>	<u>4.64</u>
			<u>\$183,703.00</u>	<u>3.34%</u>

<u>STOCK RECEIVED</u>	
120 Shs.	The Southland Corporation Common Stock (Received in 3% stock dividend)

<u>BOND MATURITIES AND PREPAYMENTS</u>			
<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>\$7,875.85</u>	Various GNMA Pass-Through Pools	<u>\$7,875.85</u>	<u>\$98.20</u>

<u>NO. OF SHS. PURCHASED</u>	<u>ISSUE</u>	<u>STOCK PURCHASES (December, 1976)</u>		<u>YIELD AT COST</u>
		<u>UNIT</u>	<u>COST TOTAL</u>	
<u>IMA HOGG FOUNDATION</u>				
1,600 Shs.	Philip Morris Incorporated Common Stock	59.97	<u>\$95,944.00</u>	<u>2.17%</u>
<u>U. T. PERMIAN BASIN - ELLEN & BILL NOEL SCHOLARSHIP FUND</u>				
965 Shs.	El Paso Company Common Stock	14.75	<u>\$14,233.75</u>	<u>7.46%</u>

<u>PAR VALUE</u>		<u>BOND PURCHASES (December, 1976)</u>		<u>YIELD AT COST</u>
		<u>UNIT</u>	<u>COST TOTAL</u>	
<u>WOLF E. JESSEN UNITRUST</u>				
<u>\$26,000</u>	New Jersey Bell Telephone 5-7/8% Debentures, due 12/1/2006	79.25	<u>\$20,605.00</u>	<u>7.65%</u>

STOCK SALES
(December, 1976)

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>
	<u>STOCK RECEIVED BY GIFT OR BEQUEST:</u>	
	<u>U. T. SYSTEM - CHANCELLOR'S COUNCIL - UNRESTRICTED ACCOUNT:</u>	
30 Shs.	AMAX Inc. \$5.25 Series A Cumulative Convertible Preferred Stock	<u>\$3,889.81</u>
	<u>U. T. AUSTIN - J. L. MOSLE MEMORIAL SCHOLARSHIP FUND:</u>	
50 Shs.	Alexander & Alexander Services Inc. Common Stock	<u>\$1,931.25</u>
	<u>U. T. AUSTIN - THE GEORGE M. OLIVER CHARITABLE TRUST:</u>	
1,000 Shs.	Farah Manufacturing Company, Inc. Common Stock	<u>\$5,709.10</u>
	<u>U. T. AUSTIN - THE LEILA A. OLIVER CHARITABLE TRUST:</u>	
1,000 Shs.	Farah Manufacturing Company, Inc. Common Stock	<u>\$5,709.10</u>
	<u>U. T. AUSTIN - WOLF E. JESSEN UNITRUST:</u>	
200 Shs.	Texas Instruments Incorporated Common Stock	<u>\$21,116.79</u>
	<u>THE UNIVERSITY OF TEXAS AT DALLAS WOMAN'S CLUB - AMELIA A. LUNDELL TEXTBOOK SCHOLARSHIP FUND:</u>	
100 Shs.	General Telephone & Electronics Corporation Common Stock	<u>\$2,962.08</u>
	<u>U. T. EL PASO:</u>	
56 Shs.	The Circle K Corporation Common Stock	<u>\$486.55</u>

STOCK SALES (Continued)
(December, 1976)

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>
<u>STOCK RECEIVED BY GIFT OR BEQUEST: (Continued)</u>		
<u>U. T. PERMIAN BASIN:</u>		
70 Shs.	General Electric Company Common Stock	<u>\$3,614.92</u>
<u>GALVESTON MEDICAL BRANCH:</u>		
700 Shs.	Mostek Corporation Common Stock	<u>\$12,162.50</u>
<u>U. T. HEALTH SCIENCE CENTER AT HOUSTON:</u>		
105	Exxon Corporation Capital Stock	<u>\$5,369.03</u>
<u>THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER:</u>		
500 Shs.	Dunhill International, Inc. Common Stock (now Questor Corporation)	\$3,101.74
100 "	Tennessee Gas Transmission Company Common Stock (now Tenneco Inc.)	<u>3,594.12</u>
		<u>\$6,695.86</u>

For Month Ended January 31, 1977

II. TRUST AND SPECIAL FUNDS

TRUST AND SPECIAL FUNDS - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Trust and Special Funds in January, 1977. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

INVESTMENTS ACQUIRED

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield at Cost</u>
	<u>COMMON STOCKS:</u>		
	See Stock Purchase Schedule for Detail		
	Common Trust Fund (TOTAL LONG TERM INVESTMENTS)	<u>\$441,277.50</u>	<u>2.84%</u>
	<u>SHORT TERM PAPER:</u>		
\$ 11,200	FMC 4-1/2% Note, due 2/4/77 (\$5,600 - George M. Oliver Charitable Trust 5,600 - Leila A. Oliver Charitable Trust)	\$ 11,200.00	4.52%
190,000	GE Credit 4-1/2% Note, due 2/7/77 (\$140,000 - Ronya & George Kozmetsky Endowment Fund 50,000 - Lillian C. Koehler Annuity Trust)	190,000.00	4.52
12,700	GMAC 4-5/8% Note, due 2/15/77 (\$3,900 - College of Engineering - Ford Foundation Grant - Various Purposes) 8,800 - Littlefield Fund for Southern History - Reserve for Publications)	12,700.00	4.64
12,200	GMAC 4-5/8% Note, due 2/17/77 (\$ 800 - AH - Ken Muller Professorship in Pigment Cell Biology 5,700 - George M. Oliver Charitable Trust 5,700 - Leila A. Oliver Charitable Trust)	12,200.00	4.65
129,000	City National Bank 5% CD, due 2/25/77 (Common Trust Fund - Undistributed Receipts bought from CTF on 1/19/77)	129,000.00	5.00
223,000	American National Bank 4.70% CD, due 2/28/77 (\$200,000 - Common Trust Fund - Undistributed Receipts 3,000 - John J. McKetta Energy Professorship 20,000 - William Robertson Welty Fund for Engineering)	223,000.00	4.70
88,000	FMC 4-1/2% Note, due 2/28/77 (Common Trust Fund - Undistributed Receipts)	88,000.00	4.53
177,000	FMC 4-5/8% Note, due 2/28/77 (\$100,000 - Office of Investments, Trusts & Lands - Suspense Account 22,000 - Common Trust Fund - Undistributed Receipts 14,500 - Maud McCain Harding Fund 12,500 - GMB - The James Wade Rockwell Professorship in the Philosophy of Medicine 28,000 - AH - Anderson-Mayfair Mortgage Retirement Fund)	177,000.00	4.64
26,300	GMAC 4-5/8% Note, due 2/28/77 (Maud McCain Harding Fund)	26,300.00	4.65
800	FMC 4-1/2% Note, due 3/18/77 (Common Trust Fund)	800.00	4.54

INVESTMENTS DISPOSED OF
(January, 1977)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>
	<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u> See Bond Maturities Schedule for Detail		
\$ 35,000.00	Student Property Deposit Scholarship Fund	\$ 35,000.00	\$ -0-
	GNMA Prepayments--		
3,113.31	Common Trust Fund	3,113.31	(58.00)
818.34	DMS - The William Buchanan Chair in Internal Medicine	818.34	(9.66)
67.64	Reserve for Possible Fire Losses - Temporary Student Housing Units	67.64	0.71
137.56	Texas Union Building Fund	137.56	10.70
1,870.28	Student Property Deposit Scholarship Fund	1,870.28	(22.56)
398.01	Student Property Deposit Scholarship Fund - Temporary	398.01	10.36
66,422.51	Retirement of Indebtedness Accounts	<u>66,422.51</u>	(<u>1,481.68</u>)
	TOTAL - GNMA Prepayments	<u>72,827.65</u>	(<u>1,550.13</u>)
	TOTAL - U. S. Government Obligations (Guaranteed)	<u>\$107,827.65</u>	(<u>\$1,550.13</u>)
	<u>CORPORATE BONDS:</u> See Bond Maturities Schedule for Detail		
26,000	AH - Anderson-Mayfair Mortgage Retirement Fund	<u>\$ 26,000.00</u>	<u>\$ -0-</u>
	<u>COMMON STOCKS:</u> See Stock Sales Schedule for Detail		
	The Robertson Poth Foundation	17.49	
	Winedale Stagecoach Inn Fund	<u>4.59</u>	
	TOTAL - Stocks Sold (Except Gifts)	<u>22.08</u>	
	Stocks Received by Gift or Bequest--		
	U. T. System - Chancellor's Council - Unrestricted Account	8,547.75	
	U. T. Austin -		
	W. D. Blunk Memorial Clearing Account	2,638.32	
	Harry Ransom Memorial Rare Book Fund	2,000.00	
	Carroll Cartwright Award Fund	1,000.00	
	Development Projects & Publications	2,939.35	
	President's Associates	2,552.10	
	Various Donors - Various Purposes - Humanities	539.91	
	Graduate School of Business Student- Faculty Excellence Fund	20,520.30	
	Engineering Foundation - Various Donors - Various Purposes	6,574.92	
	John Charles Townes Foundation - Various Donors - Unallotted	12,521.75	
	Maud McCain Harding Fund	35,838.13	
	Professorship in Sedimentary Geology	2,826.65	
	J. L. Mosle Memorial Scholarship Fund	1,082.12	
	Dorothy Ogden Carsey Memorial Scholarship Fund	1,651.62	

INVESTMENTS DISPOSED OF (Continued)
(January, 1977)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>
<u>COMMON STOCKS: (Continued)</u>		
Stocks Received by Gift or Bequest-- (Continued)		
U. T. Austin - (Continued)		
	Charles E. Yager Undergraduate Field Scholarship Fund	\$ 8,005.02
	The George M. Oliver Charitable Trust	2,921.75
	The Leila A. Oliver Charitable Trust	2,921.75
	U. T. El Paso	554.83
	Galveston Medical Branch	46,621.25
	U. T. Health Science Center at Dallas	7,834.61
	U. T. Health Science Center at Houston	2,626.78
	M. D. Anderson Hospital	1,000.00
	U. T. System Cancer Center	<u>5,052.82</u>
	TOTAL - Stock Gifts Sold	<u>178,771.73</u>
	TOTAL - All Common Stocks	<u>\$178,793.81</u>
 <u>SHORT TERM PAPER:</u>		
\$ 1,900	GE Credit 5% Note, due 1/14/77 (The Robertson Poth Foundation)	\$ 1,900.00
130,000	GMAC 4% Note, due 1/17/77 (Common Trust Fund)	130,000.00
75,000	SRAC 4-5/8% Note, due 1/17/77 (Common Trust Fund)	75,000.00
136,000	SRAC 4-1/2% Note, due 1/27/77 (Common Trust Fund)	136,000.00
129,000	City National Bank 5% CD, due 2/25/77 (Common Trust Fund sold to CTF - Undistributed Receipts on 1/19/77)	129,000.00

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

(January, 1977)

<u>NO. OF SHS. PURCHASED</u>	<u>ISSUE</u>	<u>STOCK PURCHASES</u>		<u>YIELD AT COST</u>
		<u>UNIT</u>	<u>COST TOTAL</u>	
7,000 Shs.	Norton Simon, Incorporated Common Stock	19.53	\$136,730.00	3.07%
2,000 "	Ralston Purina Company Common Stock	51.56	103,110.00	1.94
5,500 "	Time Incorporated Common Stock	36.63	201,437.50	3.14
			<u>\$441,277.50</u>	<u>2.84%</u>

BOND MATURITIES AND PREPAYMENTS

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>\$3,113.31</u>	Various GNMA Pass-Through Pools	<u>\$3,113.31</u>	<u>(\$58.00)</u>

DAVIDSON FAMILY SCHOLARSHIPS IN HOME ECONOMICS

(January, 1977)

STOCK CONVERSION

<u>SECURITIES CONVERTED</u>	<u>BOOK VALUE</u>		<u>PRINCIPAL CASH REQUIRED</u>	<u>BOOK YIELD</u>		<u>INCREASE IN ANNUAL INCOME</u>
	<u>ISSUE CONVERTED</u>	<u>ISSUE RECEIVED</u>		<u>OLD YIELD</u>	<u>NEW YIELD</u>	
50 shares Union Oil Company of California \$2.50 Cumulative Convertible Preferred Stock into						
65 shares Union Oil Company of California Common Stock (1-for-1.3 shs. Common)	<u>\$2,822.91</u>	<u>\$2,822.91</u>	<u>-0-</u>	<u>4.43%</u>	<u>4.84%</u>	<u>\$11.50</u>

		<u>STOCK SALES</u> (January, 1977)	
<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>

THE ROBERTSON POTH FOUNDATION

400 Rights	Oklahoma Gas & Electric Company Common Stock Rights	<u>\$17.49</u>	<u>-0-</u>
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WINEDALE STAGECOACH INN FUND

105 Rights	Oklahoma Gas & Electric Company Common Stock Rights	<u>\$4.59</u>	<u>-0-</u>
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BOND MATURITIES
(January, 1977)

PAR VALUE

STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND

<u>\$35,000</u>	GNMA 5.20% Participation Certificates, due 1/19/77	<u>\$35,000.00</u>	<u>-0-</u>
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ANDERSON HOSPITAL - ANDERSON-MAYFAIR MORTGAGE RETIREMENT FUND

<u>\$26,000</u>	Household Finance Corporation 4-5/8% SF Debs., due 1/15/77	<u>\$26,000.00</u>	<u>-0-</u>
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STOCK RECEIVED
(January, 1977)

RONALD K. DeFORD FIELD SCHOLARSHIP FUND

1,041 Shs.	Houston Oil & Minerals Corporation Common Stock	(Received in 2-for-1 stock split)	
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STOCK SALES
(January, 1977)

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>
<u>STOCK RECEIVED BY GIFT OR BEQUEST:</u>		
619 Shs.	Houston Oil & Minerals Corporation Common Stock	<u>\$29,788.25</u>
	<u>Proceeds distributed at donor's request to the following:</u>	
	U. T. System - Chancellor's Council - Unrestricted Account . . .	\$ 2,788.25
	U. T. Austin - W. D. Blunk Memorial Clearing Account	1,000.00
	U. T. Austin - Harry Ransom Memorial Rare Book Fund.	1,000.00
	Galveston Medical Branch	25,000.00
100 Shs.	Xerox Corporation Common Stock	<u>\$5,616.06</u>
	<u>Proceeds distributed at donor's request to the following:</u>	
	U. T. System - Chancellor's Council - Unrestricted Account . . .	\$ 616.06
	U. T. Austin - W. D. Blunk Memorial Clearing Account	1,000.00
	U. T. Austin - Harry Ransom Memorial Rare Book Fund.	1,000.00
	U. T. Austin - Carroll Cartwright Award Fund	1,000.00
	Galveston Medical Branch	1,000.00
	M. D. Anderson Hospital.	1,000.00
140 Shs.	Houston Oil & Minerals Corporation Common Stock	<u>\$6,878.71</u>
	<u>Proceeds distributed at donor's request to the following:</u>	
	U. T. Austin - President's Associates.	\$ 500.00
	U. T. Austin - Development Projects & Publications	2,939.35
	U. T. Austin - Engineering Foundation - Various Donors - Various Purposes.	3,439.36
75 Shs.	C & K Petroleum, Inc. Common Stock	<u>\$1,638.32</u>
	<u>Proceeds distributed at donor's request to the following:</u>	
	U. T. Austin - President's Associates.	\$1,000.00
	U. T. Austin - W. D. Blunk Memorial Clearing Account	638.32

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STOCK SALES (Continued)
(January, 1977)

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>
<u>STOCK RECEIVED BY GIFT OR BEQUEST: (Continued)</u>		
<u>U. T. SYSTEM - CHANCELLOR'S COUNCIL - UNRESTRICTED ACCOUNT:</u>		
150 Shs.	Pennzoil Company Common Stock	<u>\$5,143.44</u>
<u>U. T. AUSTIN - PRESIDENT'S ASSOCIATES:</u>		
10 Shs.	Exxon Corporation Capital Stock	\$ 511.08
16 "	Pennzoil Company Common Stock	<u>541.02</u>
		<u>\$1,052.10</u>
<u>U. T. AUSTIN - VARIOUS DONORS - VARIOUS PURPOSES - HUMANITIES:</u>		
23 Shs.	Anderson, Clayton & Company Common Stock	<u>\$539.91</u>
<u>U. T. AUSTIN - GRADUATE SCHOOL OF BUSINESS STUDENT-FACULTY EXCELLENCE FUND:</u>		
300 Shs.	The Atlantic Refining Company Common Stock (now Atlantic Richfield Company)	\$16,900.68
100 "	Tenneco Inc. Common Stock	<u>3,619.62</u>
		<u>\$20,520.30</u>
<u>U. T. AUSTIN - ENGINEERING FOUNDATION - VARIOUS DONORS - VARIOUS PURPOSES:</u>		
110 Shs.	Crane Company Common Stock	<u>\$3,135.56</u>
<u>U. T. AUSTIN - JOHN CHARLES TOWNES FOUNDATION - VARIOUS DONORS - UNALLOTTED:</u>		
600 Shs.	C & K Petroleum, Inc. Common Stock	\$12,349.20
6 "	The Chase Manhattan Corporation Common Stock	<u>172.55</u>
		<u>\$12,521.75</u>

STOCK SALES (Continued)
(January, 1977)

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>
	<u>STOCK RECEIVED BY GIFT OR BEQUEST: (Continued)</u>	
	<u>U. T. AUSTIN - MAUD McCAIN HARDING FUND:</u>	
2,500 Shs.	Universal Resources Corporation Common Stock	<u>\$35,838.13</u>
	<u>U. T. AUSTIN - PROFESSORSHIP IN SEDIMENTARY GEOLOGY:</u>	
100 Shs.	United Gas Pipe Line Company Common Stock (now United Energy Resources, Inc.)	<u>\$2,826.65</u>
	<u>U. T. AUSTIN - J. L. MOSLE MEMORIAL SCHOLARSHIP FUND:</u>	
4 Shs.	International Business Machines Corporation Capital Stock	<u>\$1,082.12</u>
	<u>U. T. AUSTIN - DOROTHY OGDEN CARSEY MEMORIAL SCHOLARSHIP FUND:</u>	
32 Shs.	Exxon Corporation Capital Stock	<u>\$1,651.62</u>
	<u>U. T. AUSTIN - CHARLES E. YAGER UNDERGRADUATE FIELD SCHOLARSHIP FUND:</u>	
200 Shs.	Southland Royalty Company Common Stock	<u>\$8,005.02</u>
	<u>U. T. AUSTIN - THE GEORGE M. OLIVER CHARITABLE TRUST:</u>	
500 Shs.	Farah Manufacturing Company, Inc. Common Stock	<u>\$2,921.75</u>
	<u>U. T. AUSTIN - THE LEILA A. OLIVER CHARITABLE TRUST:</u>	
500 Shs.	Farah Manufacturing Company, Inc. Common Stock	<u>\$2,921.75</u>

STOCK SALES (Continued)
(January, 1977)

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>
	<u>STOCK RECEIVED BY GIFT OR BEQUEST: (Continued)</u>	
	<u>U. T. EL PASO:</u>	
10 Shs.	AMAX, Inc. Common Stock	<u>\$554.83</u>
	<u>GALVESTON MEDICAL BRANCH:</u>	
611 Shs.	Republic of Texas Corporation Common Stock	<u>\$20,621.25</u>
	<u>U. T. HEALTH SCIENCE CENTER AT DALLAS:</u>	
150 Shs.	Exxon Corporation Capital Stock	<u>\$7,834.61</u>
	<u>U. T. HEALTH SCIENCE CENTER AT HOUSTON:</u>	
50 Shs.	Exxon Corporation Capital Stock	<u>\$2,626.78</u>
	<u>THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER:</u>	
136 Shs.	Texas Commerce Bancshares, Inc. Common Stock	<u>\$5,052.82</u>