

THE UNIVERSITY OF TEXAS SYSTEM
Office of the Chancellor

4234
Mailed 7/17/75
K-18 - over in
Director
K-2 - other in M.D.'s
- placed in file

May 21, 1975

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

Mrs. Johnson 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 June 5, 1975. 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-9)
- The University of Texas at Austin
(Pages A-1 through A-92)
- The University of Texas at Dallas
(Pages D-1 through D-10)
- The University of Texas at El Paso
(Pages EP-1 through EP-18)
- The University of Texas of the Permian Basin
(Pages PB-1 through PB-4)
- The University of Texas at San Antonio
(Pages SA-1 through SA-9)
- The University of Texas Health Science Center at Dallas
(Pages HD-1 through HD-30)
- The University of Texas Medical Branch at Galveston
(Pages G-1 through G-18)
- The University of Texas Health Science Center at Houston
(Pages HH-1 through HH-101)
- The University of Texas Health Science Center at San Antonio
(Pages HS-1 through HS-12)
- The University of Texas System Cancer Center
(Pages CC-1 through CC-15)
- The University of Texas System School of Nursing
(Pages N-1 through N-28)

On the following pages, C-2 through C-4, are U. T. System and Institutional items which I also recommend for the Board's ratification or approval, as appropriate, including my report of budget changes.

Sincerely,

Charles A. LeMaistre / A.

Charles A. LeMaistre, M.D.
Chancellor

CAL/cp

GIFTS

The following gift has been received. I recommend acceptance by the Board of Regents.

<u>Donor</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
Dr. Thomas M. Cranfill 1901 Cliff Street Austin, Texas 78705	Gift to The Chancellor's Council, to be used by the Humanities Research Center, at the discretion of the Director, to support research or to further the Center's acquisition program.	\$6,000

Handwritten initials and a checkmark.

ADJUSTMENTS TO THE 1974-75 SYSTEM-WIDE PERSONNEL PAY PLAN

Ratification is requested for the following adjustments to the 1974-75 System-wide Personnel Pay Plan, effective March 1, 1975:

ADDITION

<u>Code</u>	<u>Title</u>	<u>System-wide Annual Salary Range</u>
9166	Supervisor, Accounts Control	\$ 9,024 - 11,772

Handwritten checkmark.

Ratification is requested for the following adjustments to the 1974-75 System-wide Personnel Pay Plan, effective April 1, 1975:

ADDITION

<u>Code</u>	<u>Title</u>	<u>System-wide Annual Salary Range</u>
1315	Medical Records Audit Supervisor	\$ 8,160 - 11,016

CHANGES - SALARY RANGES

<u>Code</u>	<u>Title</u>	<u>System-wide Annual Salary Range</u>	
		<u>From</u>	<u>To</u>
9307	Assistant Director, Computation Center	\$ 14,868 - 20,100	\$ 14,868 - 23,760

Ratification is requested for the following adjustments to the 1974-75 System-wide Personnel Pay Plan, effective May 1, 1975:

ADDITIONS

<u>Code</u>	<u>Title</u>	<u>System-wide Annual Salary Range</u>	
		<u>From</u>	<u>To</u>
1408	Drug Information Specialist	\$ 15,372 - 20,784	
1419	Pharmacy Technologist II	7,140 - 9,648	
1423	Pharmacy Assistant	5,460 - 7,380	

CHANGES - SALARY RANGES

<u>Code</u>	<u>Title</u>	<u>System-wide Annual Salary Range</u>	
		<u>From</u>	<u>To</u>
1412	Pharmacist III	\$ 15,372 - 20,784	\$ 13,908 - 18,804

ADJUSTMENTS TO THE 1975-76 SYSTEM-WIDE PERSONNEL PAY PLAN

Ratification is requested for the following adjustment to the 1975-76 System-wide Personnel Pay Plan, effective September 1, 1975:

ADDITION

<u>Code</u>	<u>Title</u>	<u>System-wide Annual Salary Range</u>
9166	Supervisor, Accounts Control	\$ 10,308 - 13,452

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 Deputy Chancellor the Administration.

CONTRACTS AND AGREEMENTS

Agreement between The University of Texas System and the American Association of Colleges of Osteopathic Medicine, Washington, D.C., whereby the University by and through its Medical and Dental Application Center assigns to AACOM an unrestricted use of Center programs and forms in connection with the application processing system. AACOM will make an initial payment of \$2,500 on or before June 1, 1975, and will pay thereafter on the basis of 50 cents per applicant for a period of two years, the first year ending June 1, 1976, and the second year ending June 1, 1977.

THE UNIVERSITY OF TEXAS SYSTEM ADMINISTRATION
REPORT OF AMENDMENTS TO THE 1974-75 OPERATING BUDGET

BOARD OF REGENTS MEETING - JUNE 5, 1975

Source of Funds - Departmental Appropriations
(Unless Otherwise Specified)

Office of the Chancellor

1. Grant a leave of absence without pay to Henrietta S. Jacobsen, Director of Special Programs at an annual salary rate of \$24,525, effective June 16, 1975. Mrs. Jacobsen will be on leave status through June 15, 1976.
(RBC# D-77)

Office of the Comptroller

2. Transfer \$9,000 from the Classified Salaries account to the Travel account to cover additional official travel expenses of this office during the fiscal year. (RBC# D-74)

The University of Texas System Police

3. Increase the annual salary rate of Charles H. Cavender, Assistant Director - Inspections and Investigations, from \$17,440 to \$18,436 effective June 1, 1975. (RBC# D-69)
4. Increase the annual salary rate of Robert K. Bratten, Inspector, from \$15,168 to \$16,968 effective May 1, 1975. (RBC# D-70)

Law Office of The University of Texas System

5. Transfer \$6,000 from the Classified Salaries account to the Maintenance, Operation and Equipment account to provide additional funds needed for books and for operating expenses. (RBC# D-72)

Space Lease - System Administration

6. Transfer \$4,699.20 from the Available University Fund Unallocated Operating Account to the Space Lease account for System Administration to provide the additional funds needed for office space rented through June, approximately two months more than was anticipated in the original budget. (RBC# D-75)

Office of Facilities Planning and Construction

7. Resign Tommy V. Smith, Construction Inspector at an annual salary rate of \$14,368, effective May 21, 1975. (RBC# D-73)

Special Services - Development Division

8. Transfer \$1,000 to the Wages account and \$500 to the Publishing and Mailing account from the Special Services Unallocated Account to provide the additional funds needed for operation during the remainder of this fiscal year.
(RBC# D-71)

THE UNIVERSITY OF TEXAS AT ARLINGTON

Arlington, Texas

May 9, 1975

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June 5, 1975, meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



W. H. Nedderman
President

THE UNIVERSITY OF TEXAS AT ARLINGTON

BOARD MEETING ON JUNE 5, 1975

GIFTS

The following gift has been received and I recommend acceptance by the Board:

	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
1.	Mr. C. B. Smith, Sr. P. O. Box 579 Austin, Texas 78767	Establishment of proposed H. A. D. Duns- worth Professorship in Mathematics	\$10,000.00

MEMBERSHIP ON THE GRADUATE FACULTY

I recommend the following faculty members for membership on the graduate faculty:

Dr. Clarence C. Hall, Jr., Biology Department
Dr. John N. Fox, Industrial Engineering Department
Dr. David A. Hullender, Mechanical Engineering Department
Dr. Wilbur R. Ross, Accounting Department

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)

- Contract between United Way of Metropolitan Tarrant County and the Graduate School of Social Work of the University of Texas at Arlington in support of a United Way Management Training Program whereby the Human Resource Center, under the direction of Dr. F. G. Torgerson, proposes to offer to the Tarrant County United Way an on-going Continuing Education Program in Management Skills. The full amount of this contract is \$100,717, and is for the period January 15, 1975, through January 14, 1978.

GRANTS, CONTRACTS AND AGREEMENTS (STATE)

- Interagency Cooperation Contract IAC(74-75)-1594 whereby The University of Texas at Arlington shall prepare for the Texas Rehabilitation Committee a list by county the classification and numbers of the disabled as contained in the fourth count of the 1970 United States Census data. The cost of this service is \$100, and the contract is for the period March 10, 1975, and shall terminate April 30, 1975.

THE UNIVERSITY OF TEXAS AT ARLINGTON

FEDERAL CONTRACTS AND GRANTS

BOARD MEETING ON JUNE 5, 1975

N 47

1. Petroleum Research Fund grant, PRF #8332-B3,5, from American Chemical Society for \$6,000 in support of petroleum research proposal entitled, "Thermochemical Study of Iridium Complexes" to be conducted by Dr. Daniel M. Blake, Associate Professor of Chemistry at The University of Texas at Arlington. The period of this grant is September 1, 1975, to August 31, 1977. The full amount of this award will be expended in Tarrant County, Texas.
2. National Science Foundation Proposal/Grant No. EPP75-17571 in the amount of \$16,750 to The University of Texas at Arlington for support of project entitled, "Undergraduate Research Participation." This project will be under the direction of Dr. Leonard M. Diana, Department of Physics. This grant is effective March 1, 1975 and, unless otherwise amended, will expire on May 31, 1976. The full amount of this award will be expended in Tarrant County, Texas.
3. NASA-Ames Grant NSG-2077 awarding \$10,162 to The University of Texas at Arlington in support of project entitled, "Large Eddy Structure of a Turbulent Boundary-Layer." This project is under the direction of Dr. Fred R. Payne, Associate Professor of Aerospace Engineering and is for the period of approximately one year beginning about March 15, 1975. The full amount of this award will be expended in Tarrant County, Texas.
4. Department of Housing and Development, Research and Demonstration Division, Contract No. H-224OR awarded The University of Texas at Arlington for Research and Demonstration on Remedial Measures and Improve Foundation Designs for Housing on Expansive Clay Soil. This is a cost sharing contract whereby HUD's share is \$321,520 and UTA's share is \$35,724, for a total of \$357,244. The project is under the direction of Dr. Arthur R. Poor, Associate Professor of Civil Engineering. The period of performance for work under this contract is March 25, 1975 (effective date) to 39 months therefrom. The full amount of this award will be expended in Tarrant County, Texas.

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1974-75 BUDGET

Board Meeting - June 5, 1975

GENERAL ADMINISTRATIONOffice of the President

1. Transfer of Funds:

From:	Unallocated General Administration	
	Unallocated Salaries	\$5374.
To:	Maintenance and Operation	\$5374.
For:	To provide funds to pay one-third of salary for Ed Montgomery, serving as Secretary, Council of Presidents - U. T. System North Texas Components as per Inter-Agency Contract (74-75) 1408.	

(RBC #528)

Personnel Office

2. Transfer of Funds:

From:	Unallocated Salaries	\$1236.
To:	Maintenance and Operation	\$1236.
For:	To provide additional funds in Maintenance and Operation to cover supplies and services purchased for the remainder of the fiscal year.	

(RBC #531)

3. Transfer of Funds:

From:	Unallocated Salaries	\$2008.26
To:	Maintenance and Operation	\$2008.26
For:	To provide additional funds to cover expense of supplies and services required by the department.	

(RBC #552)

Office of the Registrar

4. Transfer of Funds:

From:	Maintenance and Operation	\$125.00
To:	Travel	\$125.00
For:	To provide additional travel funds to enable staff members to visit other university campus installations of microfilm systems for student records and to see their implementation of a data dictionary, and the users manual for student records systems.	

(RBC #544)

GENERAL INSTITUTIONAL EXPENSETeaching Effectiveness

5. Transfer of Funds:

From:	Unallocated Salaries	\$ 83.89
	Maintenance and Operation	\$150.00
To:	Travel	\$233.89
For:	To provide funds for Director to attend the annual American Association for Higher Education Conference on "Learner-Centered Reform" for purpose of professional improvement.	

(RBC #524)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1974-75 BUDGET

Board Meeting - June 5, 1975

6. Transfer of Funds:

From:	Maintenance and Operation	\$276.66
To:	Wages	\$276.66
For:	To provide additional funds in wages for summer employment in the department.	

(RBC #539)

COLLEGE OF LIBERAL ARTSDepartment of Architecture

7. Transfer of Funds:

From:	Travel	\$ 21.92
	Maintenance and Operation	\$400.00
To:	Capital Outlay	\$ 21.92
	Wages	\$400.00
For:	To cover additional cost of capital outlay item purchased during the year, and to provide additional wages for student workers through the spring semester.	

(RBC #543)

Department of Physical Education

8. Accept the resignation of Terrell L. George (non-tenure), Instructor with academic rate of \$10,266 at 45% with stipend of \$4620, effective March 31, 1975. (RBC #537)

COLLEGE OF SCIENCEOffice of Dean of Science

9. Transfer of Funds:

From:	Science Unallocated-	
	Maintenance and Operation	\$565.
To:	Dean of Science-	
	Travel	\$565.
For:	To provide additional travel funds to cover unexpected travel expenses during the year.	

(RBC #533)

Department of Mathematics

10. Appoint Neeradha L. Mannar (non-tenure) as Graduate Teaching Assistant with academic rate of \$5400 at 50% with stipend of \$1350, 4 1/2 months; effective January 16, 1975. Funds are available from Science Unallocated-Faculty Salaries. (Nepotism cleared at Regents Meeting 3/14/75 for spring 1975) (RBC #520)

Department of Physics

11. Appoint Ronald R. Roberts (non-tenure) as Graduate Research Assistant at 25% with stipend of \$339; 2 months; effective March 16, 1975. Funds are available from Maintenance and Operation within the department. (RBC #530)

12. Transfer of Funds:

From:	Unallocated Department Operating -	
	Unallocated Salaries	\$2,000.
To:	Physics - Wages	\$2,000.
For:	To provide additional funds to cover wages of student employees during the remainder of the year.	

(RBC #534)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1974-75 BUDGET

Board Meeting - June 5, 1975

COLLEGE OF BUSINESSDepartment of Economics

13. Transfer of Funds:

From: Unallocated Departmental Operating
Maintenance and Operation \$500.

To: Economics
Maintenance and Operation \$500.

For: To provide additional funds to cover general expenditures incurred by the department which were not anticipated at the time of budget preparation.

(RBC #542)

14. Transfer of Funds:

From: Unallocated Salaries \$805.

To: Wages \$200.
Maintenance and Operation \$605.

For: To provide additional funds to cover expenses for supplies, postage, and printing and to continue student employment during the remainder of the fiscal year.

(RBC #548)

COLLEGE OF ENGINEERINGDepartment of Civil Engineering

15. Transfer of Funds:

From: Engineering Special Operations -
Capital Outlay \$240.

To: Civil Engineering -
Travel \$240.

For: To provide additional travel funds to allow staff member to attend the National Building Code Committee of American Concrete Institute in Boston.

(RBC #541)

16. Transfer of Funds:

From: Engineering Special Operations -
Capital Outlay \$ 62.

To: Civil Engineering -
Travel \$ 62.

For: To provide funds to cover travel expense for staff member to make oral presentation on the research proposal "Evaluation of Community Water Supply Problems in North Central Texas" at meeting in Austin.

(RBC #551)

Department of Mechanical Engineering

17. Transfer of Funds:

From: Unallocated Departmental Operating -
Computer Services \$5,000.

To: Mechanical Engineering -
Computer Services \$5,000.

For: To provide additional funds to cover expenditures for the Computer Service area within the department.

(RBC #535)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1974-75 BUDGET

Board Meeting - June 5, 1975

GRADUATE SCHOOLCriminal Justice Program

18. Transfer of Funds:

From:	Unallocated Salaries	\$444.
To:	Maintenance and Operation	\$444.
For:	To provide additional funds in maintenance and operation expenditures for current year.	

(RBC #525)

LIBRARYLibrary - All Other

19. Transfer of Funds:

From:	Unallocated Salaries	\$13,265.
To:	Wages	\$ 1,162.
	Maintenance and Operation	\$ 4,000.
	Capital Outlay	\$ 8,103.
For:	To provide additional funds for the operation of the department. The additional wages will provide the necessary funds for adding an assistant in the Archives Department, cover supplies needed and to cover increased cost in mailing and telephones, and to purchase additional typewriter needed, and also purchase additional books and microfilm.	

(RBC #549)

PHYSICAL PLANTCustodial Services

20. Transfer of Funds:

From:	Unallocated Salaries	\$10,000.
To:	Maintenance and Operation	\$10,000.
For:	To provide additional funds to purchase supplies needed for the remainder of the year.	

(RBC #550)

SPECIAL ITEMSInstitute of Urban Studies

21. Adjust the annual salary rate of Sherman M. Wyman, Jr. (non-tenure), Director and Associate Professor from \$33,588 to \$33,926 effective March 1, 1975. Additional funds are available from Unallocated Salaries within the account. (RBC #529)

AUXILIARY SERVICESStudent Center Facilities

22. Transfer of Funds:

From:	Maintenance and Operation	\$212.
To:	Travel	\$212.
For:	To provide travel funds to enable the Director to attend conference and meetings scheduled after the original budget was prepared.	

(RBC #547)

RECOMMENDED AMENDMENTS TO THE 1974-75 BUDGET

Board Meeting - June 5, 1975

Student Activities-General

23. Transfer of Funds:

From:	Travel	\$400.
To:	Maintenance and Operation	\$400.
For:	To provide additional funds to cover expenses incurred that were not included in the original budget.	

(RBC #540)

Parking and Traffic

24. Transfer of Funds:

From:	Unallocated Salaries	\$19,795.
To:	Maintenance and Operation	\$19,795.
For:	To provide funds in Maintenance and Operation to cover current outstanding purchases and estimated cost of general expenses through August 31, 1975; to cover parking lot repairs necessary before August 31, 1975; to cover remodeling expenses for the department and local share of law enforcement radio communications from federal grant.	

(RBC #532)

Basketball

25. Transfer of Funds:

From:	Maintenance and Operation	\$2,000.
To:	Travel	\$2,000.
For:	To provide additional funds to cover travel expenditures not anticipated in earlier requests.	

(RBC #526)

26. Accept the resignation of Terrell L. George (non-tenure) as Assistant Coach with 9 months rate of \$10,266 at 55% with stipend of \$5646 effective March 31, 1975. (RBC #538)

Intercollegiate Athletics-Training Room

27. Transfer of Funds:

From:	Football-Maintenance and Operation	\$1664.
	Basketball-Maintenance and Operation	\$4152.
	Track-Maintenance and Operation	\$ 300.
To:	Training Room-Maintenance and Operation	\$6116.
For:	To provide funds for scholarship expenses for managers and trainers of sports paid by Training Room.	

(RBC #516)

SERVICE AND REVOLVINGLibrary Duplication Fund

28. Transfer of Funds:

From:	Estimated Income	\$32,000.
	Wages	\$ 3,600.
To:	Maintenance and Operation	\$35,490.
	Capital Outlay	\$ 110.

RECOMMENDED AMENDMENTS TO THE 1974-75 BUDGET

Board Meeting - June 5, 1975

For: Due to a large, and unexpected, increase in the volume of photo-duplication work, this account has already reached its estimated income for 1974-75. Additional anticipated income must be added to cover cost of supplies, materials, and rental contracts through Maintenance and Operation. Additional funds needed in Capital Outlay to purchase safe for overnight deposit of cash income.

(RBC #533)

GRANTS AND CONTRACTS

Department of Health, Education and Welfare - Sociology

29. Re-appoint Khairati L. Sindwani (non-tenure) as Visiting Professor with academic rate of \$20,187 with stipend of \$3364, 1 1/2 months; effective June 1, 1975. Funds are available from grant funds within the account. (RBC #536)

THE UNIVERSITY OF TEXAS AT AUSTIN

Office of the President

May 14, 1975

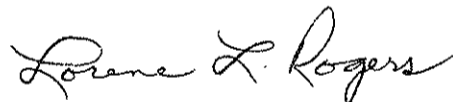
Charles A. LeMaistre, M. D.
Chancellor
The University of Texas System
601 Colorado
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June 5, 1975 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely yours,



Lorene L. Rogers
President ad interim

LLR/aj
Attachment

THE UNIVERSITY OF TEXAS AT AUSTIN

INDEX

June 5, 1975

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THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN

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

A 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. In the case of unsold stock, the dollar amount stated is an appraisal or book value.

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
1	*American Marketing Association 222 South Riverside Plaza Chicago, Illinois 60606	College of Business Administration Contribution to cover costs of editing the Journal of Marketing	\$ 7,000.00
2	*American Petroleum Institute 300 Corrigan Tower Dallas, Texas 75201	Division of Extension Grant-in-aid for production costs of a slide/tape program produced by Petroleum Extension Service for education purposes	5,728.00
3	Amoco Production Company Post Office Box 591 Tulsa, Oklahoma 74102	College of Engineering Contribution to the Bureau of Engineering Research for research project entitled "Finite Element Analyses for Laterally Loaded Pile Groups-Phase II"	18,032.00
4	Ashland Oil, Inc. Orin Atkins Chairman of the Board Post Office Box 391 Ashland, Kentucky 41101	Division of General and Comparative Studies Contribution for unrestricted use by the Center for Middle Eastern Studies	10,000.00
5	Eric B. Becker and Robert S. Dunham 1500 East Side Drive, #104 Austin, Texas 78704	College of Engineering Extension of the Research Grant-in-aid to the Bureau of Engineering Research for research project entitled "Improved Stress Analysis Techniques for Solid Propellant Rockets"	5,000.00

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
6	Chevron Oil Field Research Company Post Office Box 446 LaHabra, California 90631	Marine Science Institute Geophysics Laboratory Contribution for development of a high precision surface ship gravimeter by the Geo- physics Laboratory	\$20,000.00
7	* Clayton Foundation for Research 1621 Bank of the South- west Building Houston, Texas 77002	Clayton Foundation Bio- chemical Institute Quarterly contribution toward cost of coordinating curriculum of students performing services for the Biochemical Institute for the period commencing December 1, 1974	10,000.00
8	* Clayton Foundation for Research 1621 Bank of the South- west Building Houston, Texas 77002	Clayton Foundation Bio- chemical Institute Quarterly contribution toward cost of coordinating curriculum of students performing services for the Biochemical Institute for the period commencing March 1, 1975	10,000.00
9	Ernest H. Cockrell Suite 999, The Main Building Houston, Texas 77002	College of Engineering Contribution to aid in the establishment of The Ernest Cockrell, Jr. Memorial <u>Professorship in Engineering</u>	25,000.00
10	Dow Chemical U.S.A. Texas Division Everett Jacob General Manager Freeport, Texas 77541	U. T. Austin Contribution representing grants of \$2,500 for the Department of Chemistry (\$500 for undergraduate minority scholarship and \$2,000 unre- stricted), \$3,000 for the De- partment of Chemical Engineering (\$500 for undergraduate minority scholarship and \$2,500 unre- stricted), and \$500 for the De- partment of Mechanical Engi- neering for unrestricted use	6,000.00

~~1000~~

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN

June 5, 1975

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
11	E. I. du Pont de Nemours & Company, Inc. C. W. Theobald Vice Chairman and Executive Director Committee on Educational Aid Wilmington, Delaware 19898	U. T. Austin Contribution for the following grants, the purposes and pro- visions of which are given on their descriptive sheet: DuPont Science and Engi- neering Grants: Chemical Engineering \$ 6,000 Chemistry 9,000 Mechanical Engineering 3,000 DuPont Young Faculty Grant Chemical Engineering 20,000 DuPont Environmental Grant Environmental Health Engineering Program in Civil Engineering 6,000	\$44,000.00
12	Exxon Education Foundation Chapin Burks, Manager Southwestern Area Public Relations Exxon Company, U.S.A. Post Office Box 2180 Houston, Texas 77001	U. T. Austin Contribution representing unrestricted grants of \$4,500 for the Department of Chemi- cal Engineering, \$5,000 for the Department of Chemistry, and \$2,250 for the Department of Mathematics	11,750.00
13	* Foundation Nationale pour l'Enseignement de la Gestion des Entreprises 155 Boulevard Hawssmann Paris, France	College of Business Administration Continuation of support for the program of business education for a group of French educators	13,187.00
14	Mrs. Carol Cockrell Jennings 253 The Main Building Houston, Texas 77002	College of Engineering Contribution to aid in the establishment of The Ernest Cockrell, Jr. Memorial <u>Professorship in Engineering</u>	25,000.00 ¹⁰⁰⁰
15	* Mr. & Mrs. C. L. Klinck, Jr. Post Office Box 700 McAllen, Texas 78501	College of Pharmacy Gift of 571 shares of Home- stake Mining Company Common Stock for the C. L., Sr., Thekla, and Baron B. Klinck Student Loan Fund	22,466.78

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
16	Dr. & Mrs. George Kozmetsky 1001 West 17th Street Austin, Texas 78701	College of Business Administration Contribution of \$15,600 cash and 3,200 shares of Teledyne, Inc. Common Stock valued at \$34,400 for the unrestricted use of the Graduate School of Business	\$50,000.00
17	Palisades Geophysical Institute, Inc. Frank Mongelli Business Manager 131 Erie Street Post Office Box 396 Blauvelt, New York 10913	Marine Science Institute Geophysics Laboratory Contribution representing the first half of a grant to fund competitively awarded fellow- ships selected by the Fellow- ship Awards Committee of the Marine Science Institute	5,734.00
18	J. C. Storm Marine Drilling Company 900 State National Building Corpus Christi, Texas 78401	Marine Science Institute Geophysics Laboratory Contribution to establish revolving fund to assist students and staff in their required travel	8,000.00
19	Texas Utilities Company 1506 Commerce Street Dallas, Texas 75201	College of Engineering Grant-in-aid to Bureau of Engineering Research for research project entitled "In Situ Conversion of Texas Lignite to Synthetic Fuels"	25,000.00
20	The University of Texas Foundation, Inc. Post Office Box 8060 Austin, Texas 78712	College of Business Administration Payment of principal and interest on Applied Devices Corporation debentures held by U. T. Foundation for the benefit of the College of Business Administration	18,369.05

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN

June 5, 1975

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
21	Miss Eunice Ware Miss Naomi Ware 205 Isgren Drive Longview, Texas 75601	U. T. Austin Contribution of \$10,000 each to create THE LOIS PHILIP WARE SCHOLARSHIP IN MEM- ORY OF HER FATHER, JOHN ALLEN WARE in support of a student in Law School and THE LOIS PHILIP WARE SCHOLARSHIP IN MEMORY OF HER MOTHER, HORACE B. WARE in support of an undergraduate student majoring in English	\$20,000.00
22	Mrs. Mintie P. Williams 1710 Alta Drive Fort Worth, Texas 76107	Arts and Sciences Foundation Contribution in memory of Mrs. Williams' husband, Charles B. Williams, to be used to enrich the Robert H. Williams Library of the Department of Spanish and Portuguese as stipulated in her letter of February 12, 1975	10,000.00
The following nonmonetary gifts have also been received:			
23	*Robert Downing Amusement Editor <u>The Denver Post</u> Post Office Box 1709 Denver, Colorado 80220	Humanities Research Center Gift of a collection of thea- trical books for the Hoblitzelle Theatre Arts Library	135.30 **
24	Mrs. Pauline Macklanburg Post Office Box 20607 Oklahoma City, Oklahoma 73120	Marine Science Institute Gift of fishing equipment for use in research programs at Port Aransas	809.50 **



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TRAVEL FOR FACULTY AND STAFF. The following trips are reported in accordance with Section 12 of the Budget Rules and Procedures for 1974-1975 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. Charles Burnette, Dean of School of Architecture, April 20-22, 1975, to Lawrence, Kansas, to attend Environmental Design Research Association Conference. Expenses in the approximate amount of \$267.22 are to be paid from Academic Development Fund.
2. Peter F. Abboud, Associate Professor, Department of Oriental and African Languages and Literatures and Center for Middle Eastern Studies, April 19-26, 1975, to Columbus, Ohio, to attend the annual meeting of the American Oriental Society in Columbus and to seek prospective language faculty. Expenses in the approximate amount of \$190 are to be paid from Middle Eastern Studies Academic Development Fund.
3. Robert Brody, Assistant Professor of Spanish-Portuguese, April 24-26, 1975, to New York, New York, to present a research paper at the Colloquium on Literary Criticism. Expenses in the approximate amount of \$258 are to be paid from Academic Development Fund.
4. Joseph Coleman Carter, Assistant Professor of Classics, April 24-26, 1975, to Houston, Texas, to confer with colleagues at Rice University on procedures to be employed on UT excavation at Metaponto. Expenses in the approximate amount of \$100 are to be paid from Academic Development Fund.
5. George Truett Cates, Jr., Teaching Assistant, Department of Germanic Languages, April 24-27, 1975, to Lexington, Kentucky, to attend the Foreign Language Conference at the University of Kentucky at Lexington. Expenses in the approximate amount of \$50 are to be paid from Academic Development Fund.
6. Gerald N. Ginsburg, Instructor, Department of Classics, April 24-25, 1975, to Amherst, Massachusetts, to participate in a symposium on Modern Approaches to Classical Literature. Expenses in the approximate amount of \$282 are to be paid from Academic Development Fund.
7. Frederick Gerald Hensey, Associate Professor of Spanish-Portuguese, May 20-30, 1975, to Edmonton, Alberta, Canada, to attend the annual meeting of the Canadian Linguistic Association. Expenses in the approximate amount of \$300 are to be paid from Academic Development Fund.
8. Svatava P. Jakobson, Professor of Slavic Languages, March 8, 1975 only, to Houston, Texas, to attend the annual meeting of the Houston Area Teachers of Foreign Languages. Expenses in the approximate amount of \$51.52 are to be paid from Academic Development Fund.
9. Robert Thomas Rovinsky, Assistant Professor of Germanic Languages, April 28 - May 5, 1975, to Madison, Wisconsin, to attend the annual meeting of the Society for the Advancement of Scandinavian Studies. Expenses in the approximate amount of \$214 are to be paid from Academic Development Fund.

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TRAVEL FOR FACULTY AND STAFF (Cont'd.)

10. Larry Emil Scott, Assistant Professor of Germanic Languages, April 28 - May 5, 1975, to Madison, Wisconsin, to present a paper at the annual meeting of the Society for the Advancement of Scandinavian Studies. Expenses in the approximate amount of \$214 are to be paid from Academic Development Fund.
11. Gary N. Underwood, Assistant Professor of English, April 9-11, 1975, to San Diego, California, to present a paper at the Southwest Area Linguistics Conference. Expenses in the approximate amount of \$220 are to be paid from Academic Development Fund.
12. John Martin Weinstock, Associate Professor of Germanic Languages, April 28 - May 5, 1975, to Madison, Wisconsin, to attend a meeting of the Society for the Advancement of Scandinavian Study, and to conduct a meeting of the American Organizing Committee for the Third International Conference of Nordic and General Linguistics. Expenses in the approximate amount of \$229 are to be paid from Academic Development Fund.
13. Harley Browning, Director, Population Research Center, and Professor of Sociology, May 18-22, 1975, to México City, Mexico, to participate in a conference on Underemployment in Developing Countries. Expenses in the approximate amount of \$159 are to be paid from ILAS Faculty Research & Program Development.
14. Robin W. Doughty, Assistant Professor of Geography, April 25-26, 1975, to Kerrville, Texas, to establish contacts with State Parks & Wildlife personnel for research and teaching purposes preparatory for GRG 366K field trip to same area. Expenses in the approximate amount of \$54.50 are to be paid from Academic Development Fund.
15. Lawrence Graham, Professor of Government, May 11 - June 9, 1975, to Lisbon, Portugal, to do research through a grant from the Earhart Foundation on current politics in Portugal. No expense to the University.
16. William Roger Louis, Professor of History, April 1 - August 15, 1975, to London, England, to do research on a book to be entitled The British Empire and Origins of World War I. Expenses in the approximate amount of \$890 are to be paid from URI Project R-103 (W. R. Louis).
17. Thomas K. McCraw, Associate Professor of History, May 26 - July 11, 1975, to Washington, D. C., to conduct research in the Library of Congress and the National Archives. Expenses in the approximate amount of \$1,200 are to be paid from URI Subvention Fund - McCraw and NSF Graduate Fellowship Program.
18. Gail Minault, Assistant Professor of History, June 1 - August 15, 1975, to London, England, to do research on Women's Education in India on a grant from National Endowment of the Humanities. Expenses in the approximate amount of \$900 are to be paid from URI Subvention Funds, Graduate Program Improvement.

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TRAVEL FOR FACULTY AND STAFF (Cont'd.)

19. Ray Owens, Assistant Professor of Anthropology, May 18 - 22, 1975, to México City, Mexico, to participate in a conference on Underemployment in Developing Countries. Expenses in the approximate amount of \$159 are to be paid from ILAS Faculty Research and Program Development.
20. Gaines Post, Jr., Associate Professor of History, June 1 - August 28, 1975, to Palo Alto, California, to conduct research at the Hoover Library, Stanford University. Expenses in the approximate amount of \$500 are to be paid from URI Subvention Fund - Post and NSF Graduate Fellowship Program.
21. Curtis J. Sorenson, Assistant Professor of Geography, May 2-3, 1975, to Junction, Texas, to collect soil samples at the Texas Tech Field Camp. Expenses in the approximate amount of \$66.77 are to be paid from Academic Development Fund.
22. David P. Bloch, Professor of Botany, February 26-28, 1975, to Houston, Texas, to participate in symposium sponsored by the University. Expenses in the approximate amount of \$23 are to be paid from Academic Development Fund.
23. Leonard Gillman, Professor of Mathematics, April 10, 1975 only, to San Marcos, Texas, to present a talk to the Mathematics Club of Southwest Texas State University. Expenses in the approximate amount of \$15 are to be paid from Academic Development Fund.
24. Robert Greenwood, Professor of Mathematics, March 10-11, 1975, to Brenham, Texas, to address the students of the Mathematics Club of Blinn College, Brenham, Texas. Expenses in the approximate amount of \$51 are to be paid from Academic Development Fund.
25. Robert Greenwood, Professor of Mathematics. April 7-8, 1975, to Brownwood, Texas, to participate in a seminar at the School of Science and Mathematics at Howard Payne University. Expenses in the approximate amount of \$67 are to be paid from Academic Development Fund.
26. Robert E. Greenwood, Professor of Mathematics, April 17, 1975 only, to San Antonio, Texas, to talk to students of Trinity University. Expenses in the approximate amount of \$36 are to be paid from Academic Development Fund.
27. Anthony Iarrobino, Assistant Professor of Mathematics, July 28 - August 30, 1974, to San Francisco, California, to attend the American Mathematical Society Summer Institute. Expenses in the approximate amount of \$299 are to be paid from Travel.
28. J. B. Longenecker, Professor of Home Economics, April 14-18, 1975, to Atlantic City, New Jersey, to attend the 59th Annual Meeting of the Federation of American Societies for Experimental Biology to chair the session on Nutrition and Development, to have a scientific paper from our laboratory presented by one of our graduate students and to recruit new faculty for department. Expenses in the approximate amount of \$250 are to be paid from Academic Development Fund.

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TRAVEL FOR FACULTY AND STAFF (Cont'd.)

29. Tom J. Mabry, Professor of Botany, June 20 - July 25, 1975, to Leningrad, U.S.S.R.; Heidelberg, Germany; Reading and London, England; to present a paper at the XII International Botanical Congress to be held in Leningrad, to meet a colleague at the University of Heidelberg in joint research, to participate in a symposium at University of Reading, and to meet a colleague in Kew Gardens, London, on joint research project. Expenses in the approximate amount of \$250 are to be paid from Attendance at Professional Meetings.
30. C. Fred Moore, Professor of Physics, Center for Nuclear Studies, August 3 - September 1, 1975, to Los Alamos, New Mexico, to do Medium Energy Research at Los Alamos Scientific Laboratory. Expenses in the approximate amount of \$225 are to be paid from ERDA Contract AT (40-1) 2972 Other Expenses.
31. Michael Starbird, Assistant Professor of Mathematics, March 6-9, 1975, to Laredo, Texas, to present a talk to the students and faculty of Laredo Junior College. Expenses in the approximate amount of \$94 are to be paid from Academic Development Fund.
32. Thomas Leighton Wendt, Research Assistant, Department of Botany, May 10 - July 20, 1975, to Berkeley, California and Salt Lake City, Utah, to collect scientific specimens of plant genus Polygala and to visit major herbaria in the Southwestern U.S.. Expenses in the approximate amount of \$1,320 are to be paid from URI Project R-179, Johnston.
33. David M. Young, Jr., Director of Center for Numerical Analysis and Professor of Mathematics and Computer Sciences, March 31 - May 15, 1975, to Uxbridge, England and Goteborg, Sweden, to participate in the Symposium on Finite Element Methods to be held at the University of Brunel in England and to attend a conference at Chalmers University of Technology in Sweden, where leading experts in the field of finite element methods will present papers. Expenses in the approximate amount of \$800 are to be paid, \$600 from Center for Numerical Analysis Travel, and \$200 from Computer Sciences Travel.
34. Denise Schmandt-Besserat, Assistant Professor of Art and Middle Eastern Studies, March 20-24, 1975, to Chicago, Illinois, to participate in the symposium on Sumerian cylinder seals at the Oriental Institute, The University of Chicago. Expenses in the approximate amount of \$360 are to be paid \$93 from Middle Eastern Studies Academic Development Fund, and \$175 from Department of Art Academic Development Fund.
35. William Glade, Director, The Institute of Latin American Studies and Professor of Economics, May 14-28, 1975, to Washington, D. C.; New York, New York; and Boston, Massachusetts; to attend executive committee meeting of LASA and to speak with OAS people as follow-up to recent "Forum" in Washington; to meet with people at the United Nations and the Ford Foundation to plan a conference next year on "Public Section Development in Latin American Development" in New York; to gather information at M.I.T. for the same conference, specifically on "Joint Public and Private Enterprises in Latin American Development in Boston. Expenses in the approximate amount of \$635 are to be paid from Faculty Research and Program Development Funds.

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TRAVEL FOR FACULTY AND STAFF (Cont'd.)

36. Ian R. Manners, Assistant Professor of Geography and Center for Middle Eastern Studies, April 20-23, 1975, to Milwaukee Wisconsin, to present and discuss results of a study entitled "Perception, Attitude and Adjustment to Environmental Stress: The Case of Water in the Texas High Plains" to members of the Natural Hazard Research Group at the annual meeting of American Geographers. Expenses in the approximate amount of \$200 are to be paid from Academic Development Fund.
37. Linda L. Golden, Instructor in Marketing, March 25, 1975 only, to Houston, Texas, to attend conferences with two advertising agencies to collect materials for Marketing 338 multi-media course. Expenses in the approximate amount of \$7 are to be paid from CBA Dean's Office College Wide Development Fund.
38. Robert T. Green, Assistant Professor of Marketing, March 25, 1975 only, to Houston, Texas, to attend conferences with two advertising agencies to collect materials for Marketing 338 multi-media course. Expenses in the approximate amount of \$58.52 are to be paid from CBA Dean's Office College Wide Development Fund.
39. Hugo Steinfink, Professor of Mechanical Engineering, June 30 - August 20, 1975, to Jerusalem, Israel and Amsterdam, Holland, to attend a meeting of the 25th I.U. PAC Congress and to give lectures at the Hebrew University in Jerusalem, Israel; to attend a meeting of the 10th Congress of the International Union of Crystallography in Amsterdam, Holland. Expenses in the approximate amount of \$2,000 are to be paid, \$1,460 from Dow Account, \$300 from Welch F-273, and \$240 from Engineering Foundation.
40. Bill D. Francis, Professor of Art, April 2-8, 1975, to Miami Beach, Florida, to attend the National Art Education Conference as National Co-Chairman of the NAEA Building Program, and to appear on a panel representing the High Schools for Visual & Performing Arts of Austin and Houston. Expenses in the approximate amount of \$199.48 are to be paid from Academic Development Fund.
41. Alvin A. Nickel, Associate Professor of Art, April 2-8, 1975, to Miami, Florida, to attend annual National Art Education Association Convention, and to interview applicants for UT Art Department faculty position - registered with NAEA Placement Service. Expenses in the approximate amount of \$179.10 are to be paid from Academic Development Fund.
42. Kenneth W. Prescott, Professor of Art, May 21 - June 20, 1975, to Italy, France, England and Netherlands, to evaluate an Art Studies Abroad Course. No expense to the University.
43. Robert V. Smith, Associate Professor of Pharmacy and Assistant Director of the Drug Dynamics Institute, May 23-24, 1975, to San Antonio, Texas, to present a paper before a meeting of the Association of Drug Detection Laboratories and to confer with a colleague of the UT Medical Center at San Antonio Pathology Department on joint research projects. Expenses in the approximate amount of \$46 are to be paid from Academic Development Fund.

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TRAVEL FOR FACULTY AND STAFF (Cont'd.)

44. J. A. Colin Nicol, Professor, Marine Science Institute, April 15 - June 30, 1975, to South East Asia, Indonesia, to participate in a research cruise sponsored by the National Science Foundation aboard the NSF Research Vessel Alpha Helix in the waters of South East Asia, Indonesia. Expenses in the approximate amount of \$377.47 are to be paid from NSF Travel Account.

45. Kingsley E. Haynes, Professor, Lyndon B. Johnson School of Public Affairs, April 13-23, 1975, to Denver, Colorado; Salt Lake City, Utah; San Francisco, California; Vancouver, B. C.; Seattle, Washington and Milwaukee, Wisconsin; to recruit faculty and students for the LBJ School presentation of N.S.F. and West Texas Environment Studies results at national meetings (Population Association in Seattle and American Geographers in Milwaukee), consultation with faculty and planners at the American Society of Planning Officials Meetings in Vancouver. Expenses in the approximate amount of \$889.18 are to be paid, \$435.48 from LBJ School of Public Affairs Travel, \$202.80 from Division of Natural Resources and Environment Academic Development Fund and \$250.90 from Ford Foundation Travel.

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 1974-75 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 volume per author</u>
<u>Modern Portuguese</u>	Fred Ellison	\$11.95	None
<u>La Lengua Española, Gramática y Cultura</u>	C. A. Solé Matilde Castellás and Harold Lionetti	9.95	None
<u>Cuaderno de Ejercicios</u>	C. A. Solé Matilde Castellás and Harold Lionetti	3.95	None
<u>Lord Byron. Don Juan (Text and Notes)</u>	T. G. Steffan E. Steffan and W. W. Pratt	5.95	\$.10 each author
<u>Steps to Structure</u>	Susan Wittig	4.95	None
<u>The Near East in Modern Times, Vol. I</u>	George G. Arnakis	12.95	None
<u>Ghetto Revolts</u>	Joe R. Feagin and Harlan Hahn	3.95	.20
<u>The Progressive Era</u>	L. L. Gould	4.95	.09
<u>A Century of Brazilian History Since 1865</u>	Richard Graham	3.00	.21
<u>The Sociological Way of Looking at the World</u>	Louis Schneider	12.50	1.25 for 1st 5,000 copies sold

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USE OF TEXTBOOKS WRITTEN BY FACULTY (Cont'd.)

<u>Title</u>	<u>Author</u>	<u>Cost to Student</u>	<u>Royalty per volume per author</u>
<u>Britain and the Onset of Modernization in Brazil</u>	Richard Graham	\$ 3.95	\$.25
<u>Edward Randolph and the American Colonies</u>	Michael G. Hall	2.25	.03375
<u>The Origins of the Second World War</u>	William Roger Louis	5.00	None
<u>TVA and the Power Fight, 1933-1939</u>	Thomas McCraw	2.45	.12
<u>Student Study Guide to accompany Astronomy: Fundamentals and Frontiers</u>	Michel Breger & William Jefferys	4.95	.20
<u>Introduction to Approximation Theory</u>	F. W. Cheney	14.50	2.18
<u>Mathematics: Its Spirit and Evolution</u>	John R. Durbin	10.50	1.50
<u>Calculus</u>	Leonard Gillman and Robert H. McDowell	12.95	.97-1/8
<u>A Survey of Numerical Mathematics, Volumes I and II</u>	R. T. Gregory and David M. Young	13.95 (I) 19.50 (II)	2.09 2.93
<u>Statistical Design and Analysis of Experiments</u>	Peter W. M. John	14.95	2.24
<u>Algebra, Linear Algebra and Linear Programming</u>	D. Klingman, M. Schoeman and J. Stutz	14.95	.75
<u>Approximation of Functions</u>	G. G. Lorentz	7.24	1.09
<u>The Mathematics of Investment</u>	Roger C. Osborn	6.75	.675
<u>Homology Theory</u>	James W. Vick	11.95	1.00
* <u>America's Music: From the Pilgrims to the Present</u>	Gilbert Chase	10.50	1.36
* <u>The American Composer Speaks</u>	Gilbert Chase	7.50	.75
<u>The Visual Arts as Human Experience</u>	Donald L. Weismann	12.95	1.09**

**Royalties donated to the Unrestricted Scholarship Fund at The University of Texas at Austin

THE UNIVERSITY OF TEXAS AT AUSTIN
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USE OF TEXTBOOKS WRITTEN BY FACULTY (Cont'd.)

<u>Title</u>	<u>Author</u>	<u>Cost to Student</u>	<u>Royalty per volume per author</u>
<u>Contemporary Business Data Processing</u>	R. Barr, J. Byars, D. Klingman, R. Shocket and J. Stutz	\$ 8.95	\$.21
<u>Administrative Policy - Cases in Managerial Decision Making</u>	Earl Bennett, Floyd Brandt and Charles Klasson	10.00	.50
<u>Student Manual: Labor Relations and Negotiations</u>	Floyd S. Brandt	3.00	None
<u>Business and Economic Statistics with Computer Augmented Exercises</u>	Charles T. Clark and A. W. Hunt	5.05	.25
<u>Statistical Analysis for Administrative Decisions</u>	Charles T. Clark and Lawrence H. Schkade	13.95	1.21
<u>*Research for Business Decisions: An Interdisciplinary Approach</u>	Eli P. Cox III	4.50	None
<u>Basic Marketing</u>	E. W. Cundiff and R. R. Still	13.50	.71
<u>Accounting Information Systems and Business Organizations</u>	Barry E. Cushing	12.95	1.94
<u>Functional Business Communication</u>	Jessamon Dawe & William J. Lord, Jr.	12.95	.60
<u>Advanced Accounting</u>	C. H. Griffin, T. H. Williams & K. D. Larson	14.25	.71
<u>Texas Uniform Commercial Code: Practical Aspects on Secured Transactions</u>	Gaylord A. Jentz	1.68	None
<u>Algebra, Linear Algebra and Linear Programming for Business Students</u>	D. Klingman, M. Schoeman and J. Stutz	14.95	.90
<u>The Mesbic Story</u>	Kenneth E. Knight	3.75	.19
<u>CPA Review Manual</u>	George Mead, Herbert E. Miller & C. T. Zlatkovich	15.95	.22 (to Dr. Zlatkovich)
<u>Readings in Independent Auditing and Professional Responsibility</u>	Jack C. Robertson & Michael Granof	8.95	.67

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USE OF TEXTBOOKS WRITTEN BY FACULTY (Cont'd.)

<u>Title</u>	<u>Author</u>	<u>Cost to Student</u>	<u>per author</u>
<u>Selected Chapters from Professional Auditing</u>	Jack C. Robertson	\$ 2.75	None
<u>Typewriting Drills for Speed and Accuracy</u>	John L. Rowe and Faborn Etier	2.96	\$.25
<u>Federal Taxes and Management Decisions</u>	Ray M. Sommerfeld	6.95	1.04
<u>Introduction to Taxation</u>	R. M. Sommerfeld H. A. Anderson & H. R. Brock	12.50	.62
<u>Decision Simulation of a Manufacturing Firm</u>	B. H. Sord, Robin Eddy, Jean Hall & K. W. Olm	3.50	None
<u>Readings in Comprehensive Logistics</u>	Henry M. Steiner	3.00	None
<u>Introduction to Business and Economic Statistics</u>	John R. Stockton & Charles T. Clark	12.85	1.44 Stockton .49 Clark
<u>Managerial Analysis in Marketing</u>	Markham Alpert & Ruth Sturdivant (+ 8 others)	11.00	.12
<u>Essentials of Financial Management</u>	Ernest W. Walker	2.95	.37
<u>Budgeting: Profit Planning and Control</u>	Glenn A. Welsch	13.50	.90
<u>Cases in Profit Planning and Control</u>	Glenn A. Welsch	4.85	.72
<u>Fundamentals of Financial Accounting</u>	Glenn A. Welsch & Robert Anthony	10.95	.82
<u>Intermediate Accounting</u>	Glenn A. Welsch, C. T. Zlatkovich & J. A. White	14.50	.73
<u>Introduction to Accounting</u>	T. H. Williams, Robert May & Gerhard Mueller	11.50	.58
<u>Revisiting Early Childhood Education</u>	Joe L. Frost	6.95	1.00
<u>Diagnostic Reading Instruction in the Elementary School</u>	Frank J. Guszak	6.95	.70
<u>*Curriculum Perspectives</u>	Gerald A. Ponder and O. L. Davis, Jr.	4.50	None

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USE OF TEXTBOOKS BY FACULTY (Cont'd.)

<u>Title</u>	<u>Author</u>	<u>Cost to Student</u>	<u>Royalty per volume per author</u>
<u>The Comprehensive Junior College Curriculum</u>	James W. Reynolds	\$ 7.50	\$1.16
* <u>The Yellow Book: Techniques for Reading Instruction</u>	Nancy Roser and William Harmer	7.95	.40

*File me
in system*

BACHELOR OF FINE ARTS DEGREE OF PATRICIA ANN CASSERLY: On account of serious allegations made regarding the validity of the degree of Bachelor of Fine Arts that was awarded by and under the authority of the Board of Regents of The University of Texas System to Patricia Ann Casserly at The University of Texas at Austin, an administrative investigation, hearing and decision have been conducted and made by Dean Peter Garvie in the College of Fine Arts and Dr. Charles Roeckle, Administrative Assistant. That hearing resulted in an acknowledgment by Miss Casserly, whose married name is Lassiter, that she had signed a "Change of Symbol to a Grade" card for two courses, thereby falsely rendering her eligible for graduation. Acting on the findings of Dean Garvie and Mr. Roeckle, the President of The University of Texas at Austin and the Chancellor of The University of Texas System recommend (1) that the aforesaid degree of Bachelor of Fine Arts awarded to Patricia Ann Casserly be declared null and void, and (2) that the appropriate officials at The University of Texas at Austin be directed to strike the name of Patricia Ann Casserly from the list of those persons receiving the degree of Bachelor of Fine Arts in May 1974, from that institution, and reduce by one the number of Bachelor of Fine Arts degrees awarded that year. Such action is authorized by A. G. Op. No. M-466 (1969).

11

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

1. At its meeting on March 17, 1975, the University Council approved the Proposed Changes in the School of Communication Catalogue, Part XI, 1973-75 (D&P 6076-78), which had been approved earlier by the faculty of the School of Communication.

DOCUMENTS AND PROCEEDINGS OF THE UNIVERSITY COUNCIL

PROPOSED CHANGES IN THE SCHOOL OF COMMUNICATION CATALOGUE, PART XI, 1973-75

Mr. Wayne Danielson, Dean of the School of Communication, has filed with the Secretary of the University Council, the proposed changes in the catalogue of the School of Communication, Part XI, 1973-1975. The changes are in B. S. for Advertising, Bachelor of Journalism, B.S. in Radio-TV-Film and B.S. in Speech and in General Requirements for Degrees. The faculty of the School of Communication approved these changes.

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FACULTY LEGISLATION (Cont'd.):

JUSTIFICATIONS FOR PROPOSED CHANGES FOR SCHOOL OF COMMUNICATION
CATALOGUE NUMBER: PART XI, 1973-1975

Requirement number 3 for Degrees in the School of Communication:

Many students transferring to The University receive four hours of credit in basic science courses because of required laboratory work they have taken. The present 15-hour requirement often requires such students to take three additional math/science courses, totalling 17 hours in all, to satisfy the rule. The School of Communication faculty favors allowing students who have had two four-hour courses in math/science to meet Requirement 3 with fourteen hours of work.

Requirement number 11 for General Requirements for Degrees:

Faculty members in the School of Communication wish to offer internship courses in the future on a pass-fail basis only. These courses are valuable to students, but they are difficult for faculty members to grade in many cases because students do a good deal of their work off-campus under the supervision of newspaper editors, advertising agency executives, radio and television station managers, etc. The proposed catalogue change will have the effect of allowing students to count the internship courses toward the degree and toward the major on a pass-fail basis. The measure should strengthen the grading system in the School of Communication.

Requirement number 12 for General Requirements for Degrees:

Faculty members in the School of Communication favor the advanced placement examination program of the University. They are of the opinion, however, that as much work as possible in the major subject should be graded. The effect of this catalogue change would be to disallow the grade of CR for work in the major taken by advanced placement examination. School of Communication students will continue to be encouraged to test out of course work if they can, but the A, B or C grades they earn in major subjects will become part of their grade point averages.

PROPOSED CHANGES FOR SCHOOL OF COMMUNICATION CATALOGUE NUMBER: PART XI
1973-1975

Requirements for Degrees in the School of Communication, Bachelor of Science in Advertising page 19 and as repeated on pages 21, 24 and 27 for the degrees of Bachelor of Journalism, Bachelor of Science in Radio-Television-Film and Bachelor of Science in Speech should be amended to read:

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FACULTY LEGISLATION (Cont'd.):

3. Fifteen hours of course work or credit by advanced standing, of which no more than nine may be taken in any one department, shall be required from the following: Astronomy, biology, botany, chemistry, computer sciences, experimental psychology, geology, mathematics, microbiology, physical anthropology, physical geography, physical science, physics, statistics, zoology. Fourteen hours of course work or credit will satisfy this requirement when students complete two four-hour courses as part of their math-science work. The Dean's office maintains a list of specific courses which may be used to satisfy this requirement. Courses taken to satisfy Requirement 3 may not be used to satisfy any other degree requirements.

Page 16 under "General Requirements for Degrees" should be amended to read:

11. Undergraduate students shall be permitted to take up to five semester courses in elective subjects outside their major on a Pass-Fail basis as part of the hours required for their degree. They must state their intentions to register on this basis by the official date for adding courses and changing sections; they must have received thirty semester hours of college credit and may not elect more than two courses a semester on the Pass-Fail basis. No course required for the degree or the major may be taken on a Pass-Fail basis unless the course is offered only on the Pass-Fail basis.

12. Undergraduate students may take examinations outside the major subject for advanced standing on a Pass-Fail basis, but advanced standing based on such examinations shall not reduce by the corresponding amount courses which may be taken on a Pass-Fail basis. A letter grade is mandatory for advanced standing by examination in any course in the student's major.

2. On March 18, 1975, the University Council approved by the circularization no-protest procedure the Proposed Changes in the College of Natural Sciences Catalogue in the Departments of Chemistry, Home Economics, Physics, and Zoology, and the Division of Biological Sciences, (6209-14), which had been approved earlier by the faculty of the College of Natural Sciences.

DOCUMENTS AND PROCEEDINGS OF THE UNIVERSITY COUNCIL

PROPOSED CHANGES IN THE COLLEGE OF NATURAL SCIENCES CATALOGUE
IN THE DEPARTMENTS OF CHEMISTRY, HOME ECONOMICS, PHYSICS, AND
ZOOLOGY, AND THE DIVISION OF BIOLOGICAL SCIENCES

THE UNIVERSITY OF TEXAS AT AUSTIN
June 5 1975

FACULTY LEGISLATION (Cont'd.):

Dean Paul Olum, College of Natural Sciences, has filed the proposed changes in the College of Natural Sciences catalogue in the departments of Chemistry, Home Economics, Physics, and Zoology, and in the Division of Biological Sciences, with the Secretary of the University Council on March 3, 1975. These proposed changes were approved by the circularization procedure on February 12, 1975 by the faculty of the College of Natural Sciences. The Secretary has classified these proposals as of exclusive application and primary interest to a single school or college.

DOCUMENTS AND PROCEEDINGS OF THE COLLEGE OF NATURAL SCIENCES

PROPOSALS TO AMEND THE 1973-1975 CATALOGUE OF THE COLLEGE OF NATURAL SCIENCES, AS FOLLOWS: (1) THE DIVISION OF BIOLOGICAL SCIENCES RECOMMENDS A CHANGE IN THE BACHELOR OF SCIENCE IN BIOLOGY AS APPROVED BY THE COURSE AND CURRICULUM COMMITTEE ON JANUARY 17, 1975; (2) THE DEPARTMENT OF CHEMISTRY RECOMMENDS A CHANGE IN THE BACHELOR OF SCIENCE IN CHEMISTRY AS APPROVED BY THE COURSE AND CURRICULUM COMMITTEE ON JANUARY 17, 1975; (3) THE DEPARTMENT OF HOME ECONOMICS RECOMMENDS SEVERAL CHANGES IN THE DEGREE OF BACHELOR OF SCIENCE IN HOME ECONOMICS AS APPROVED BY THE COURSE AND CURRICULUM COMMITTEE ON JANUARY 17, 1975; (4) THE DEPARTMENT OF PHYSICS RECOMMENDS A CHANGE IN THE BACHELOR OF SCIENCE IN PHYSICS AS APPROVED BY THE COURSE AND CURRICULUM COMMITTEE ON JANUARY 17, 1975; AND (5) THE DEPARTMENT OF ZOOLOGY RECOMMENDS A CHANGE IN THE BACHELOR OF SCIENCE IN ZOOLOGY AS APPROVED BY THE COURSE AND CURRICULUM COMMITTEE ON JANUARY 17, 1975.

If ten (10) objections are not filed in the Office of the Dean of the College of Natural Sciences within ten days from the date of circularization, the recommendations published below will be held approved.

If ten (10) objections are filed within the prescribed period, the recommendations will be presented to the Faculty of the College of Natural Sciences at a called meeting.

Paul Olum

Paul Olum
Dean of the College of Natural
Sciences

THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

FACULTY LEGISLATION (Cont'd.):

RECOMMENDATIONS OF THE DIVISION OF BIOLOGICAL SCIENCES

Under "Requirements for the Degree of Bachelor of Science in Biology" (see Documents and Proceedings of the College of Natural Sciences, p. 55) under "A. Prescribed Work," make the following change:

CHANGE Requirement 12

Enough additional work to make a total of 130 semester hours, including three semester hours chosen from either (1) the area of social sciences: government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), psychology (except experimental psychology), sociology; or (2) the area of arts and literature: aesthetics, architecture, art, drama, music, literature courses in English or in another language, courses in composition, creative writing, linguistics, speech, technical writing. ~~Courses-for-which-there-is-no prerequisite-may-not-be-used-to-satisfy-the-requirements-for~~
~~option-(2)~~

Reason: It has come to our attention that under requirements as written above, a student would be unable to take such courses as Art 305, Drama 313L, Music 313, and Speech 319, in order to fulfill three semester hours from the area of arts and literature, because such courses have no prerequisite. The problem is this. Originally there was a prohibition against using freshman

courses. Then general education legislation was passed which no longer allowed the term "freshman" or, therefore, a reference to "freshman courses." In an effort to restore the original intent, the phrase "courses for which there is no prerequisite" was substituted for the reference to "freshman courses." But this well-intentioned effort has really not worked out as an adequate alternate description because, for example, a number of fairly high level courses do not have prerequisites. It seems better then simply to delete the restrictive sentence.

THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

FACULTY LEGISLATION (Cont'd.):

RECOMMENDATIONS OF THE DEPARTMENT OF CHEMISTRY

Under "Requirements for the Degree of Bachelor of Science in Chemistry" (see Documents and Proceedings of the College of Natural Sciences, p. 43) under "A. Prescribed Work," make the following change:

CHANGE Requirement 11

Enough additional work to make a total of 132 semester hours, including three semester hours chosen from either (1) the area of the social sciences: government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), psychology (except experimental psychology), sociology; or (2) the area of arts and literature: aesthetics, architecture, art, drama, music, literature courses in English or in another language, courses in composition, creative writing, linguistics, speech, technical writing. ~~Courses for which there is no prerequisite may not be used to satisfy the requirements for option (2).~~

Reason: It has come to our attention that under requirements as written above, a student would be unable to take such courses as Art 305, Drama 313L, Music 313, and Speech 319, in order to fulfill three semester hours from the area of arts and literature, because such courses have no prerequisite. The problem is this. Originally there was a prohibition against using freshman courses. Then general education legislation was passed which no longer allowed the term "freshman" or, therefore, a reference to "freshman courses." In an effort to restore the original intent, the phrase "courses for which there is no prerequisite" was substituted for the reference to "freshman courses." But this well-intentioned effort has really not worked out as an adequate alternate description because, for example, a number of fairly high level courses do not have prerequisites. It seems better then simply to delete the restrictive sentence.

RECOMMENDATIONS OF THE DEPARTMENT OF HOME ECONOMICS

Under "Requirements for the Degree of Bachelor of Science in Home Economics" on page 28 under "Option IV: Textiles and Clothing," make the following changes:

CHANGE Requirement 5

Home Economics 205, 105L, 212K, 212L, 116, 216L, 322, 325K, 226, ~~226L, 260L~~, 260L, 260M; ~~or~~ nine semester hours from 126 and 226L, 327, 164K and 264L, and 376; and three semester hours from an area in home economics not already represented.

Reason: This change would allow greater flexibility in meeting the needs of the student.

On page 28 under "Option V: Teacher Education," make the following changes:

THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

FACULTY LEGISLATION (Cont'd.):

CHANGE Requirement 1

Chemistry ~~301, 410, 411~~, 313N, 314N; Zoology 311K or ~~three~~ six semester hours of biological science; and Zoology 316K. ~~Microbiology-316~~

Reason: The present requirements in natural sciences are greater than that needed by the students majoring in Home Economics (Option V: Teacher Education) to become effective teachers at the secondary school level. Examination of requirements of quality home economics programs throughout the state and nation, a study of the scope of subject matter included in the state vocational home economics program, and a survey of graduates and student teachers indicate that the proposed change corresponds to the needs of the program. In addition, the elimination of some of the natural science requirements would allow greater flexibility in the program and would make possible more general electives to better meet individual needs of students. (At present, the program has only four hours of general electives.)

CHANGE Requirement 3

Forty-eight semester hours in home economics including 202K, 102L, 203, 103L, 304, 205, 105L, 407, 207L, 311 or 342, 116, 216L, 221, 121L, 322 or 361, 226, 126, 226L, 333, ~~133L, 342, 142L~~, 352, 355 (Introduction to Home Economics Education) and three semester hours of upper-division child development. With approval of the adviser, Home Economics 152 or 252 may be taken in lieu of Home Economics 352.

Reason: The change from H.E. 342 to 311 or 342 gives greater flexibility in the total program. Either course provides adequate preparation for teaching home economics in the secondary schools.

The change from H.E. 322 to 322 or 361 gives flexibility and the content of either course is appropriate for the program. Students in this major would not be at a disadvantage in teaching child development by the elimination of H.E. 133L because H.E. 333 and the upper-division child development elective provides ample opportunity for observation. The change of H.E. 226 to 126 corresponds to a proposed course change. A majority of the students are now electing H.E. 355. Requiring this course is necessary to prepare all of the majors for teaching in the many and varied home economics programs in the secondary schools. The addition of H.E. 352 provides opportunity for pre-service homemaking field experiences with various groups of people such as adults, the handicapped, and elementary school age children. The secondary home economics teachers work with these groups as a part of their teaching responsibilities. Allowing H.E. 152 or 252 to be taken in lieu of 352 provides for those who have had previous field experiences and gives these students additional home economics electives.

THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

FACULTY LEGISLATION (Cont'd.):

RECOMMENDATIONS OF THE DEPARTMENT OF PHYSICS

On page 31 under "Requirements for the Degree of Bachelor of Science in Physics" under "A. Prescribed Work," make the following changes:

CHANGE Requirement 11

Enough additional work to make a total of 126 semester hours, including three semester hours chosen from either (1) the area of social sciences: government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), psychology (except experimental psychology), sociology; or (2) the area of arts and literature: aesthetics, architecture, art, drama, music, literature courses in English or in another language, courses in composition, creative writing, linguistics, speech, technical writing.

Reason: To correlate the degree requirements with the basic education requirements for all degrees.

RECOMMENDATIONS OF THE DEPARTMENT OF ZOOLOGY

Under "Requirements for the Degree of Bachelor of Science in Zoology" (see Documents and Proceedings of the College of Natural Sciences, p. 59) under "A. Prescribed Work," make the following change:

CHANGE Requirement 7

Twelve semester hours of non-science electives including at least three semester hours of upper-division courses. Three semester hours must be chosen from either (1) the area of the social sciences: government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), psychology (except experimental psychology), sociology; or (2) the area of arts and literature: aesthetics, architecture, art, drama, music, literature courses in English or in another language, courses in composition, creative writing, linguistics, speech, technical writing. ~~Courses for which there is no prerequisite may not be used to satisfy the requirements for option (2).~~

Reason: It has come to our attention that under requirements as written above, a student would be unable to take such courses as Art 305, Drama 313L, Music 313, and Speech 319, in order to fulfill three semester hours from the area of arts and literature, because such courses have no prerequisite. The problem is this. Originally there was a prohibition against using freshman courses. Then general education legislation was passed which no longer allowed the term "freshman" or, therefore, a reference to "freshman courses." In an effort to restore the original intent, the phrase "courses for which there is no prerequisite" was substituted for the reference to "freshman courses." But this well-intentioned effort has really not worked out as an adequate alternate description because, for example, a number of fairly high level courses do not have prerequisites. It seems better then simply to delete the restrictive sentence.

THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

FACULTY LEGISLATION (Cont'd.):

Filed with the Secretary of the College of Natural Sciences for circularization February 3, 1975.

R. H. Richardson, Secretary

Distributed among the members of the College of Natural Sciences by the University Supply and Mail Service, February 12, 1975.

3. On March 19, 1975, the University Council approved by the circularization no-protest procedure the Proposed Changes to the School of Architecture Catalogue Number: Part XV, 7310 (D&P 6221-6225), approved by the faculty of the School of Architecture earlier.

DOCUMENTS AND PROCEEDINGS OF THE UNIVERSITY COUNCIL

PROPOSED CHANGES TO THE SCHOOL OF ARCHITECTURE CATALOGUE NUMBER:
PART XV, 7310

Mr. Kelly McAdams, Assistant Dean of the School of Architecture, has filed the Proposed Changes to the School of Architecture catalogue published below with the Secretary of the University Council on March 4, 1975. The proposed changes were approved by the faculty of the School of Architecture on November 5, 1974 and approved by Dean Burnette. The Secretary has classified these proposed changes as of exclusive application and primary interest to a single school or college.

PROPOSED CHANGES TO THE SCHOOL OF ARCHITECTURE CATALOG NUMBER:
PART XV, 7310

1973-1975

On 5 November 1974 the faculty of the School of Architecture met to discuss proposals for providing a program whereby a student could obtain both the Bachelor of Architecture Degree and the degree of Bachelor of Science in Architectural Engineering in one six year period of study. The following additions to the Architecture Catalog were adopted:

DUAL DEGREE PROGRAM
Bachelor of Architecture and Bachelor of Science
in Architectural Engineering

First year students may elect to enter a six year joint degree program in the School of Architecture and the College of Engineering, Architectural Engineering Division of the Department of Civil Engineering.

The Dual Degree Program combines the areas of common interest in the two separate programs and allows the student to pursue the two degree programs simultaneously.

THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

FACULTY LEGISLATION (Cont'd.):

The Dual Degree Program will complete the requirements of the five year program of Bachelor of Architecture & the degree of Bachelor of Science in Architectural Engineering. Description of the five year Bachelor of Architecture degree is contained in this catalogue. Description of the Bachelor of Science in Architectural Engineering may be found in the College of Engineering catalogue, Part IV.

For admission to the Dual Degree Program, a student must follow the admissions policy of the School of Architecture as outlined in this catalogue. However, students are advised to contact both the School of Architecture and the College of Engineering for specific information concerning the Dual Program.

As outlined, the student completes all requirements for the Bachelor of Science in Architectural Engineering at the end of the Fall semester of the sixth year and the requirements for the Bachelor of Architecture at the end of the Spring semester of the sixth year.

Curriculum for the
Degrees of
Bachelor of Architecture
and
Bachelor of Science in Architectural
Engineering

First Year

<u>FALL SEMESTER</u>	<u>Hrs.</u>
<u>ARC 608La Arch & Society</u>	<u>3</u>
<u>ARC 617Da Enviro Design & Drawing</u>	<u>3</u>
<u>ARE 202 Intro to Engineering</u>	<u>2</u>
<u>M 808a Calculus I</u>	<u>4</u>
<u>PHY 403K Eng Physics I</u>	<u>4</u>
<u>Physical Instruction</u>	<u>(T)</u>
<u>TOTAL</u>	<u>16</u>

<u>SPRING SEMESTER</u>	<u>Hrs.</u>
<u>ARC 608Lb Arch & Society</u>	<u>3</u>
<u>ARC 617Db Enviro Design & Drawing</u>	<u>3</u>
<u>M 808b Calculus II</u>	<u>4</u>
<u>PHY 403L Eng Physics II</u>	<u>4</u>
<u>Physical Instruction</u>	<u>(T)</u>
<u>TOTAL</u>	<u>14</u>

Second Year

<u>FALL SEMESTER</u>	<u>Hrs.</u>
<u>ARC 614La Visual Communications I</u>	<u>3</u>
<u>ARC 320K Intro. Architectural</u> <u>Design I</u>	<u>3</u>
<u>E 306 English Composition</u>	<u>3</u>
<u>EM 306 Statics</u>	<u>3</u>
<u>M 427K Adv. Calculus for Applic. I</u>	<u>4</u>
<u>TOTAL</u>	<u>16</u>

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FACULTY LEGISLATION (Cont'd.)

<u>SPRING SEMESTER</u>	<u>Hrs</u>
<u>ARC 614Lb Visual Commun. II</u>	<u>3</u>
<u>ARC 320L Intro. Arch. Design II</u>	<u>3</u>
<u>CE 124 Materials Laboratory</u>	<u>1</u>
<u>CH 301 Intro. Chemistry</u>	<u>3</u>
<u>E 307 Lit. & Comp or E308</u>	<u>3</u>
<u>Rhetoric/Comp.</u>	
<u>EM 319 Mechanics of Solids</u>	<u>3</u>
<u>TOTAL</u>	<u>16</u>

Third Year

<u>FALL SEMESTER</u>	<u>Hrs.</u>
<u>ARC 618Ka History of Arch. Ancient</u>	<u>3</u>
<u>& Medieval</u>	
<u>ARE 222 Arch. Engr. Computations</u>	<u>2</u>
<u>ARE 329 Theory of Structures</u>	<u>3</u>
<u>ARE 335K Mat. & Methods of Bldg.</u>	<u>3</u>
<u>Const. I</u>	
<u>E 314K Intro. to Lit. I</u>	<u>3</u>
<u>EM 311 Dynamics</u>	<u>3</u>
<u>TOTAL</u>	<u>17</u>

<u>SPRING SEMESTER</u>	<u>Hrs.</u>
<u>ARC 618Kb History of Arch.</u>	<u>3</u>
<u>Renaissance & Modern</u>	
<u>ARE 335L Mat. & Methods of Bldg.</u>	<u>3</u>
<u>Const. II</u>	
<u>ARE 245 Mech. Equip. of Bldgs.</u>	<u>2</u>
<u>CE 329K Elem. Design in Metals</u>	<u>3</u>
<u>ME 320 Applied Thermodynamics</u>	<u>3</u>
<u>Appr. Nat. Science Elective</u>	<u>3</u>
<u>TOTAL</u>	<u>17</u>

Fourth Year

<u>FALL SEMESTER</u>	<u>Hrs.</u>
<u>ARC 525 Intermed. Arch. Design I</u>	<u>5</u>
<u>ARC 230K Visual Commun, III</u>	<u>2</u>
<u>ARC 342 Landscape Architecture</u>	<u>3</u>
<u>CE 331 Reinforced Concrete Theory</u>	<u>3</u>
<u>CE 2540 Hydraulics</u>	<u>2</u>
<u>TOTAL</u>	<u>15</u>

<u>SPRING SEMESTER</u>	<u>Hrs.</u>
<u>ARC 526 Intermed. Arch. Design II</u>	<u>5</u>
<u>ARC 230L Visual Commun, IV</u>	<u>2</u>
<u>ARC 369K Planning I</u>	<u>3</u>
<u>ARE 363 Prin. Of Climate Cntrl.</u>	<u>3</u>
<u>ARE 379 Syn. Struc. Reinforced</u>	<u>3</u>
<u>Concrete</u>	
<u>TOTAL</u>	<u>15</u>

THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

FACULTY LEGISLATION (Cont'd.):

Fifth Year

<u>FALL SEMESTER</u>	<u>Hrs.</u>
<u>ARC 563 Adv. Arch. Design I</u>	<u>5</u>
<u>EE 331 Elec. Circuits & Mach.</u>	<u>3</u>
<u>Technical Area Courses</u>	<u>6</u>
<u>Approved Non-Technical Elective</u>	<u>3</u>
<u>TOTAL</u>	<u>17</u>

<u>SPRING SEMESTER</u>	<u>Hrs.</u>
<u>ARC 563 Adv. Arch. Design II</u>	<u>5</u>
<u>ARE 361 Integration of Bldg. Comp. II</u>	<u>3</u>
<u>American Government</u>	<u>3</u>
<u>U.S. History</u>	<u>3</u>
<u>Technical Area Course</u>	<u>3</u>
<u>TOTAL</u>	<u>17</u>

Sixth Year

<u>FALL SEMESTER</u>	<u>Hrs.</u>
<u>ARC 360L Technical Commun. I</u>	<u>3</u>
<u>Arch. History Elective</u>	<u>3</u>
<u>E 317 Technical Writing or SPE 319 Business & Prof. Speaking</u>	<u>3</u>
<u>American Government</u>	<u>3</u>
<u>U. S. History</u>	<u>3</u>
<u>TOTAL</u>	<u>15</u>

<u>SPRING SEMESTER</u>	<u>Hrs.</u>
<u>ARC 361L Technical Commun. II.</u>	<u>3</u>
<u>ARC 362L Professional Practice</u>	<u>3</u>
<u>ARC 563 Adv. Arch. Design III</u>	<u>5</u>
<u>Arch. History Elective</u>	<u>3</u>
<u>TOTAL</u>	<u>14</u>

Justification: Both the Bachelor of Architecture and the Bachelor of Science are degrees presently offered by the School of Architecture and the College of Engineering respectively. This plan allows the student to pursue both degrees simultaneously by utilizing the elective hours of each degree plan to fulfill requirements for the other degree.

4. On March 21, 1975, the University Council approved by the circularization no-protest procedure, Proposed Changes of the College of Social and Behavioral Sciences Catalogue Number: Part XIV, 7317--Department of Geography, 1973-1975 (D&P 6226-27), which was approved by the faculty of the College of Social and Behavioral Sciences earlier,

THE UNIVERSITY OF TEXAS AT AUSTIN
June 5, 1975

FACULTY LEGISLATION (Cont'd.):

DOCUMENTS AND PROCEEDINGS OF THE UNIVERSITY COUNCIL

PROPOSED CHANGES OF THE COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES
CATALOGUE NUMBER: PART XIV, 7317 -- DEPARTMENT OF GEOGRAPHY
1973-1975

Mr. Robert D. King, Associate Dean of the College of Social and Behavioral Sciences, has filed on March 5, 1975, with the Secretary of the University Council the Proposed Changes in the College of Social and Behavioral Sciences Catalogue Number: Part XIV, 7317, Department of Geography which have been approved by the Course and Curriculum Committee of the college and approved by the Dean. These proposed changes have been classified as of exclusive application and primary interest to a single school or college by the Secretary of the University Council.

PROPOSED CHANGES OF THE COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES
CATALOGUE NUMBER: Part XIV, 7317
1973-1975

Department of Geography

Item I

Requirements for the Degree of Bachelor of Geography
Plan I

p. 20 ~~Twenty-four semester hours of geography, (including-Geography-301K, 305, 312, and twelve hours of upper-division courses in geography,)~~
of which eighteen must be upper division, including Geography 374
"Frontiers in Geography." Students are encouraged to take this
course early in their academic program.

The Department requires that majors in Geography take at least
one course from each of the three broad subfields in which the
department's offerings are concentrated. These subfields are:
1) Ecological and Cultural Geography; 2) Physical Geography; and
3) Urban and Economic Geography. At least two of these three
courses must be taken at the upper division level.

All majors and particularly those proposing to enter graduate
school, are strongly encouraged to include courses in Geographic
Techniques such as Geography 312, 322, 360L and 370K.

June 5, 1975

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

1. Amendment No. 2 to Contract S-74-8, by which Calspan Corporation, Buffalo, New York, extends the period of the contract through March 19, 1975, without additional funds and makes certain revisions in the reporting requirements. The research entitled, "Space Shuttle Lee-Side Heat Transfer Study," continues under the direction of Dr. J. Parker Lamb, Professor of Mechanical Engineering, and Dr. John J. Bertin, Associate Professor of Aerospace Engineering and Engineering Mechanics.
2. Memorandum of Agreement dated January 24, 1975, by which the Council on International Educational Exchange, New York, New York, provides approximately \$22,260 for an intensive English program for Japanese teachers who will be on-campus for the period August 5, 1975 through September 2, 1975. The program will be under the direction of Dr. Joe W. Neal, Director, International Office.
3. Agreement between The University of Texas at Austin and FERRING AB, Malmö, Sweden, provides \$47,500 for support of research entitled, "Hormonal Control of Lipid Metabolism." The agreement is effective for the period October 1, 1974 through December 31, 1975, and the research will be under the direction of Dr. Karl Folkers, Director, Institute of Biomedical Research.
4. Amendment No. 3 to Agreement (dated 30 June 1972) between The University of Texas at Austin and Georgia State University, by which Georgia State University, Atlanta, Georgia, reduces by \$7,546.42 the amount provided under the Agreement. The project entitled, "To Assess the Economic and Social Impact of Welfare in Rural South Before and After Legislative Reform," continues under the direction of Dr. Vernon M. Briggs, Professor of Economics.
5. Amendment No. 4 to Agreement (dated 30 June 1972) between The University of Texas at Austin and Georgia State University, by which Georgia State University basically restates the current status of the Agreement. The project entitled, "To Assess the Economic and Social Impact of Welfare in Rural South Before and After Legislative Reform," continues under the direction of Dr. Vernon M. Briggs, Professor of Economics.
6. Grant Letter dated 11 March 1975, by which Groupe de Recherches de Geodesie Spatiale, Grasse, France, provides \$3,000 for support of a project entitled, "Survey of Lunar Laser Data Sources and Data Processing Techniques." The award is effective for the period March 1, 1975 through August 31, 1975, and the project will be under the direction of Dr. J. Derral Mulholland, Research Scientist, Department of Astronomy (McDonald Observatory).
7. Grant Letter dated April 1, 1975, by which Houston Lighting and Power Company, Houston, Texas, provides \$12,500 for continuation of archaeological investigations on the Allen's Creek Nuclear Generating Station property, Austin County, Texas, which was originally sponsored by Dames and Moore of Houston. Total project funds shall not exceed \$69,000 for the total project period August 28, 1974 through July 1, 1975, and the investigations continue under the direction of David S. Dibble, Acting Director, Texas Archaeological Survey.
8. Purchase Order CC-416, by which Massachusetts Institute of Technology, Lincoln Laboratory, Lexington, Massachusetts, provides \$46,722 for support of research on Molecular Zeolites. The purchase order is effective for the period October 1, 1974, through September 30, 1975, and the research will be under the direction of Dr. Hugo Steinfink, Professor of Chemical Engineering.

THE UNIVERSITY OF TEXAS AT AUSTIN

June 5, 1975

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

9. Grant (Letter dated 21 April 1975) by which the City of Nacogdoches, Nacogdoches, Texas, provides \$18,000 for support of archeological investigations in the Lake Nacogdoches (Bayou Loco Reservoir) area, Nacogdoches County, Texas. The project period is March 1, 1975 through December 31, 1975, and the investigations will be under the direction of David S. Dibble, Acting Director, Texas Archeological Survey, Balcones Research Center.
10. Grant (Letter dated 7 March 1975) by which The Rockefeller Foundation, New York, New York, provides \$30,000 for a Rockefeller Foundation Fellowship in Conflict in International Relations to undertake a research project on policy relevant applications of compliance mechanisms within the international system. The grant is effective for the period September 1, 1975 through August 31, 1976, and the research will be under the direction of Dr. Oran R. Young, Professor of Government.
11. Extension Letter (dated April 9, 1975) to Contract No. 30852-3, by which Solution Mining Research Institute, Inc., Flossmoor, Illinois, provides \$53,737 additional funds and extends the contract for the period March 1, 1975 through February 29, 1976. The research entitled, "Dissolution Mechanisms," continues under the direction of Dr. A. L. Podio, Associate Professor of Petroleum Engineering, and Dr. Gary C. Vliet, Associate Professor of Mechanical Engineering.
12. Grant-in-Aid BR-1701, by which the Alfred P. Sloan Foundation, New York, New York, provides \$19,962 for an Alfred P. Sloan Research Fellowship in Physics, effective for the period September 16, 1975 through September 15, 1977, for use by Dr. C. Wendell Horton, Jr., Professor of Physics.
13. Grant Letter (dated January 29, 1975) by which The Spencer Foundation, Chicago, Illinois, provides \$21,000 for support of research entitled, "Value and the Schools: Indoctrination of the Young in a Free Society." The grant is effective for the period September 1, 1975 through October 31, 1976, and the research will be under the direction of Dr. Mark G. Yudof, Professor of Law.
14. Agreement Between the Organization of American States (Unit on Visual Arts) and The University of Texas at Austin (University Art Museum) by which the Organization of American States provides \$4,500 to be matched by The University of Texas at Austin for the Co-Production of a Film on Uruguayan Artist Joaquin Torres-Garcia in commemoration of the exhibition of his paintings held at the University in October 1974. The project was under the direction of Dr. Donald B. Goodall, Professor of Art and Director of University Art Collections.
15. Research Agreement between The University of Texas at Austin and Texas Atomic Energy Research Foundation, by which TAERF, Fort Worth, Texas, provides \$800,000 for support of a fusion research program. The agreement is effective for the period May 1, 1975 through April 30, 1977, and the project continues under the direction of Dr. William E. Drummond, Professor of Physics, and Dr. Herbert H. Woodson, Alcoa Professor of Electrical Engineering.
16. Extension Letter (dated April 14, 1975), by which The Weight Watchers Foundation, Inc., Manhasset, New York, extends the grant through December 31, 1975, without additional funds. The research entitled, "Behavioral Characteristics of Obese Humans," continues under the direction of Dr. Devendra Singh, Associate Professor of Psychology.

THE UNIVERSITY OF TEXAS AT AUSTIN

June 5, 1975

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

Supplemental Grants, totaling \$85,650, by which The Robert A. Welch Foundation, Houston, Texas provides additional funds representing an increase of 15% to awards to the following in the amounts of and for the period of time indicated:

- F-015-3-200 Dr. F. A. Matsen
"Studies in Quantum Chemistry"
\$2,250 (June 1, 1975 through May 31, 1976)
- F-017-4-201 Dr. S. H. Simonsen
"Investigation of the Crystal Structures of Some
Organic and Inorganic Compounds"
\$3,000 (June 1, 1975 through May 31, 1976)
- F-068-2-204 Dr. R. M. Roberts
"Friedel-Crafts Chemistry: Theory and Synthesis in
the Field of Aromatic Hydrocarbons"
\$4,500 (June 1, 1975 through May 31, 1977)
- F-079-4-206 Dr. Allen J. Bard
"Electrochemical Investigations of Free Radicals"
\$2,250 (June 1, 1975 through May 31, 1976)
- F-81-3-208 Dr. J. J. Lagowski
"Spectroscopic Studies of Liquid Ammonia Solutions"
\$4,500 (June 1, 1975 through May 31, 1977)
- F-102-1-210 Dr. G. J. Fonken
"Photochemical and Thermal Reactions of Un-
saturated Hydrocarbons"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-104-2-212 Dr. W. C. Gardiner
"Chemical Kinetics Studies"
\$2,250 (June 1, 1975 through May 31, 1976)
- F-130-2-217 Dr. Tom J. Mabry
"The Chemistry and Biochemistry of Terpenoids
and Phenolics"
\$3,000 (June 1, 1975 through May 31, 1976)
- F-135-2-218 Dr. Alan H. Cowley
"The Structures and Chemical Behavior of Novel
Non-Metal Compounds"
\$3,000 (June 1, 1975 through May 31, 1976)
- F-145-3-221 Dr. James C. Thompson
"Phase Transitions and Electronic Properties of
Non-Crystalline Materials"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-149-1-223 Dr. Nathan L. Bauld
"Zwitterions and Zwitterionoids"
\$4,500 (June 1, 1975 through May 31, 1977)
- F-158-2-225 Dr. R. L. Collins
"Mossbauer Studies of Organometallic Complexes"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-204-1-232 Dr. John C. Gilbert
"Photoreactions of Alkylidenecyclopropanes"
\$1,500 (June 1, 1975 through May 31, 1976)

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

Supplemental Grants (Continued) by which The Robert A. Welch Foundation, Houston, Texas, provides additional funds representing an increase of 15% to awards to the following in the amounts of and for the periods of time indicated:

- F-213-1-233 Dr. Austen F. Riggs
"Studies on the Structural and Physical Chemistry of Respiratory Proteins"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-222-1-237 Dr. John M. White
"Interactions of Hydrogen Atoms with Simple Molecules and Surfaces"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-233-1-238 Dr. Raymond E. Davis
"Structure Studies of Organic and Organometallic Compounds"
\$2,250 (June 1, 1975 through May 31, 1976)
- F-261-2-243 Dr. C. Fred Moore
"Electron Interactions Near the Ionization Limit in Few-Electron Systems of Nitrogen and Oxygen"
\$2,250 (June 1, 1975 through May 31, 1976)
- F-273-1-247 Dr. Hugo Steinfink
"Solid State Chemistry of Chalcogens and Alkaline Earth-Transition Metal Sulfides"
\$3,000 (June 1, 1975 through May 31, 1976)
- F-329-1-264 Dr. Stephen A. Monti
"Synthetic Approaches to Cyclic Systems"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-345-1-271 Dr. Philip L. Stotter
"Total Synthesis of Terpenoid Compounds"
\$1,500 (June 1, 1975 through May 31, 1976)
- F-350-1-273 Dr. Guy A. Thompson, Jr.
"The Chemical Basis of Membrane Assembly and Turnover"
\$2,250 (June 1, 1975 through May 31, 1976)
- F-356-1-275 Dr. S. E. Webber
"Triplet-Triplet Annihilation in Molecular Crystals and Polymers"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-365-1-279 Dr. Ilya Prigogine
"Non-Equilibrium Thermodynamics and Statistical Mechanics"
\$3,000 (June 1, 1975 through May 31, 1976)
- F-379-1-283 Dr. James C. Browne
"Atomic and Molecular Processes"
\$2,250 (June 1, 1975 through May 31, 1976)
- F-408-1-297 Dr. Bob G. Sanders
"Structure and Function of IgG Heavy Chains"
\$1,800 (June 1, 1975 through May 31, 1976)

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

Supplemental Grants (continued) by which The Robert A. Welch Foundation, Houston, Texas, provides additional funds representing an increase of 15% to awards to the following in the amounts of and for the periods of time indicated:

- F-440-1-309 Dr. David T. Gibson
"The Microbial Degradation of Aromatic Hydrocarbons"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-489-1-337 Drs. Roger D. Bengtson and William E. Drummond
"Measurement of Allowed and Forbidden Transition Probabilities in Atoms and Ions"
\$1,500 (June 1, 1975 through May 31, 1976)
- F-508-1-349 Dr. Denis Alan Kohl
"Structural Studies by Electron Diffraction"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-534-1-362 Dr. Manfred Fink
"Electron Scattering from Alkali Halides Vapors"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-535-1-363 Dr. George E. Fredericks
"Kinetics of Intercalation Reactions"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-537-1-364 Dr. Neil David Jespersen
"Calorimetry of Cell Cultures"
\$1,800 (June 1, 1975 through May 31, 1976)
- F-563-1-377 Dr. Petr Munk
"Preferential Adsorption in Solutions of Macromolecules in Mixed Solvents"
\$1,500 (June 1, 1975 through May 31, 1976)
- F-567-1-380 Dr. Richard B. Bernstein
"Molecular Beam Kinetics"
\$10,500 (June 1, 1975 through May 31, 1977)
- F-573-1-385 Dr. Evan Peter Kyba
"Synthesis and Properties of Phosphorus-containing Macrocycles"
\$1,500 (June 1, 1975 through May 31, 1976)

17. Amendment No. 1 to Agreement between The University of Texas at Austin (College of Engineering) and American Iron and Steel Institute, signed by Vice President James H. Colvin, to extend the contract period from May 1, 1975 to September 1, 1975. This amendment became effective May 6, 1975. All other terms and conditions not hereby amended are to remain in full force and effect.

18. Amendment to Exhibit A to Agreement between the University of Texas at Austin (Division of Housing and Food Service) and the AUVI Corporation, signed by Vice President James H. Colvin, to remove one each of Midway Gangbuster and Atari Grand Trak and to add one each of Star Kool (Williams), Soc. It. (Dynamo) and C Model (Dynamo) in the games room equipment. All games are to be at the retail price of 25¢ per game. This amendment became effective April 30, 1975. All other terms and conditions not hereby amended are to remain in full force and effect.

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GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) (Cont'd.):

19. Amendment to existing contract between The Ex-Students' Association and the Coca-Cola/Dr. Pepper Bottling Company, signed by Vice President James H. Colvin, in which items one and two are amended as follows:

1. The Coca-Cola/Dr. Pepper Bottling Company will operate machines which will dispense beverages in twelve (12) ounce cans, at such locations as may be designated by the Ex-Students' Association and the Bottler. The vend price will be \$.25 per can.
2. The Coca-Cola/Dr. Pepper Bottling Company agrees to pay the Association 22.5% of gross sales for the second quarter (April 16, through July 15, 1975). This supersedes Amendment dated December 31, 1974. (22.5% is an increase from 17.5%)

This amendment became effective August 16, 1974. All other terms and conditions not hereby amended are to remain in full force and effect.

20. Amendment to existing contract between the Ex-Students' Association and the Pepsi-Cola Bottling Company, signed by Vice President James H. Colvin, to change items one and two of the Schedule of Commissions as it appears in Article Four of the above-mentioned contract to read as follows:

1. The Pepsi-Cola Bottling Company will operate machines which will dispense beverages in twelve (12) ounce cans @ \$.25/per can, at such locations as may be designated by the Ex-Students' Association and the Pepsi-Cola Bottling Company.
2. The Pepsi-Cola Bottling Company agrees to pay the Ex-Students' Association 22.5% of gross sales from April 16, 1975 through July 15, 1975. (22.5% is an increase from 17.5%).

The amendment became effective April 16, 1975. All other terms and conditions not hereby amended are to remain in full force and effect.

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE):

1. Adjustment No. 1 to Grant AC-75-A1-2696, by which the State of Texas, Office of the Governor, Criminal Justice Division, Austin, Texas, changes the period of the grant from December 1, 1974, through November 30, 1975, to February 1, 1975 through January 31, 1976. The project entitled, "The University of Texas at Austin Crime Prevention Unit," continues under the direction of Donald R. Cannon, Chief, The University of Texas at Austin Police.
2. Interagency Cooperation Agreement, Amendment No. 1, between The University of Texas at Austin (Division of Extension - Industrial and Business Training Bureau), and the Office of the Governor, Division of Planning Coordination, signed by Vice President James H. Colvin, to provide for the printing of 500 copies of the final report to increase the funding from \$43,500 to \$44,573. The termination date is extended to March 31, 1975. This amendment became effective March 26, 1975. All other terms and conditions are to remain in full force and effect.
3. Interagency Cooperation Contract No. IAC (74-75)-0955, Amendment No. 1, between The University of Texas at Austin (Office of School Survey - Department of Educational Administration) and the Texas Education Agency, signed by Vice President James H. Colvin, to amend the contract as follows:

III. Bases for Calculating Reimbursable Costs:

1. Personnel (Salaries and Wages)	\$149,015	(from \$156,715)
2. Travel (In- and out-of-state)	9,200	(from 5,500)
3. Reproduction or Development of Materials	7,710	(from 5,710)
4. Maintenance and Operation and Administrative Expenses	10,200	(from 8,700)
a. Communication	1,200	(from 1,200)
b. Office supplies	2,200	(from 700)
c. Fringe benefits	6,800	(from 6,800)
5. Equipment Usage	3,875	(from 3,375)
TOTAL	\$180,000	\$180,000

This amendment became effective April 24, 1975. All other terms and conditions not hereby amended are to remain in full force and effect.

4. Interagency Cooperation Contract No. IAC (74-75)-1019, Amendment No. 1, between The University of Texas at Austin (Lyndon B. Johnson School of Public Affairs) and the Office of the Governor (Division of Planning Coordination), signed by Vice President James H. Colvin, which extends the termination date of the contract to April 30, 1975. This amendment became effective March 31, 1975. All other terms and conditions not hereby amended are to remain in full force and effect.
5. Interagency Cooperation Contact No. IAC (74-75)-1276, Amendment No. 1, between The University of Texas Marine Science Institute at Port Aransas and the Texas Water Development Board, signed by Vice President James H. Colvin, to increase the contract amount to \$66,871.46. This amendment became effective March 27, 1975. All other terms and conditions not hereby amended are to remain in full force and effect.

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE) (Cont'd.):

6. Interagency Cooperation Contract No. IAC (74-75)-1306, Amendment No. 1, between The University of Texas at Austin (Computation Center) and the Governor's Office of Traffic Safety, signed by Vice President James H. Colvin, to increase the contract amount by \$2,000 making the total amount of the contract \$6,000. This amendment became effective April 8, 1975. All other terms and conditions not hereby amended are to remain in full force and effect.

7. Interagency Cooperation Contract No. IAC (74-75)-1533, Amendment No. 1, between The University of Texas at Austin (Joe C. Thompson Conference Center) and the Texas Department of Community Affairs, signed by Vice President James H. Colvin, to increase the total amount of the contract from \$2,000 to \$6,000. This amendment became effective April 8, 1975. All other terms and conditions not hereby amended are to remain in full force and effect.

8. Interagency Cooperation Contract No. IAC (76-77)-0001, between The University of Texas at Austin and The University of Texas System School of Nursing, signed by Vice President James H. Colvin, whereby the University agrees to provide the following services:

- Custodial Service
- Grounds Maintenance
- Transportation, Trash Collection
- Lock and Key and Safety Service
- Security
- Building Maintenance
- Purchasing (Senior Clerk Typist)
- Registration (Clerk Typist)
- Accounting (Accounting Clerk II)
- Stenographic Supplies, Reproductions,
- Telephone Service, etc.

The contract will begin September 1, 1975, and shall terminate August 31, 1976. Total amount of the contract shall not exceed \$189,720.

9. Interagency Cooperation Contract No. IAC (74-75)-1593, between The University of Texas at Austin (Division of Extension - Industrial and Business Training Bureau) and the Texas State Library, signed by Vice President James H. Colvin, whereby the University agrees to provide slide tape presentations and other materials as requested by the Texas State Library. The contract became effective March 1, 1975 and shall terminate August 31, 1975. Total amount of the contract shall not exceed \$200.

10. Interagency Cooperation Contract No. IAC (74-75)-1595, between The University of Texas at Austin (Division of Extension) and the Texas Department of Community Affairs, signed by Business Manager Bobby G. Cook for Vice President James H. Colvin, whereby the University agrees to operate a State Employee Training Center for the benefit of entry level employees of the state agencies which have agreed, by contract with Texas Department of Community Affairs, to participate in this training program. The contract became effective January 1, 1975 and shall terminate June 30, 1975. Total amount of the contract shall not exceed \$18,000.

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE) (Cont'd.):

11. Interagency Cooperation Contract No. IAC (74-75)-1597, between The University of Texas at Austin (LBJ School of Public Affairs, Office of Conferences and Training) and the Texas Department of Community Affairs (Division of Personnel Management and Training), signed by Vice President James H. Colvin, whereby the University agrees to conduct three Public Employee Relations Seminars and one Municipal Personnel Administration Institute, which shall be designed to provide personnel management training and professional upgrading and refresher training to approximately 150 local elected and appointed officials and approximately 100 personnel administrators from Texas Local Governments. The contract became effective March 1, 1975 and shall terminate September 30, 1975. Total amount of the contract shall not exceed \$20,365.

12. Interagency Cooperation Contract No. IAC (74-75)-1598, between The University of Texas at Austin (LBJ School of Public Affairs) and the Comptroller of Public Accounts, signed by Vice President James H. Colvin, whereby the University agrees to prepare a Technical Processing Manual for use by the Comptroller of Public Accounts in the operations and maintenance of a tax research library. The contract became effective March 24, 1975 and shall terminate June 30, 1975. Total amount of the contract shall not exceed \$600.

13. Interagency Cooperation Contract No. IAC (74-75)-1607, between The University of Texas at Austin (Graduate School of Social Work) and the Texas Department of Mental Health and Mental Retardation, signed by Vice President James H. Colvin, whereby the University, through its Graduate School of Social Work, agrees to conduct a two hour workshop on "Continuing Education--Introduction to Social Casework and Interpersonal Dynamics" once a week for nine consecutive weeks. The contract began April 8, 1975 and shall terminate June 4, 1975. Total amount of the contract shall not exceed \$55.

14. Interagency Cooperation Contract No. IAC (74-75)-1626 between The University of Texas at Austin (Computation Center) and the Texas Animal Health Commission, signed by Vice President James H. Colvin, whereby the University agrees to furnish the Texas Animal Health Commission the services of its Computation Center 6400/6600 computer system on available time basis. The contract began April 25, 1975 and shall terminate August 31, 1975. Total amount of the contract shall not exceed \$2,000.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

1. Modification AFOSR-74-2725B, to Grant AFOSR-74-2725, by which the U.S. Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$36,154 additional funds (Travis County) and extends the grant for the period June 1, 1975 through May 31, 1976. The research entitled, "Energy and Chemical Change," continues under the direction of Dr. R. D. Levine, Adjunct Professor of Chemistry, and Dr. R. B. Bernstein, W. O. Doherty Professor of Chemistry and Professor of Physics.
2. Modification P00008, Supplemental Agreement to Contract F44620-71-C-0015, by which the U.S. Air Force, Air Force Office of Scientific Research, Arlington, Virginia, increases the estimated cost of the contract by \$3,829 (Travis County) to a new total of \$146,189 and funds \$2,127 of the increase for a new total funding of \$134,603. Other provisions remain unchanged and the research entitled, "High Intensity Sound," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
3. Modification P00012, Supplemental Agreement to Contract F29601-73-C-0095, by which the U. S. Air Force, Air Force Special Weapons Center, Kirtland Air Force Base, New Mexico, revises contract data requirements for certain deliverable software provided in the original without changing other provisions. The research entitled, "Pico-Second Pulse Radar Measurement System," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
4. Modification P00013, Supplemental Agreement to Contract F29601-73-C-0095, by which the U. S. Air Force, Air Force Special Weapons Center, Kirtland Air Force Base, New Mexico, extends the period of the contract through May 30, 1975, without otherwise changing its provisions. The research entitled, "Pico-Second Pulse Radar Measurement System," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
5. Modification P00014, Supplemental Agreement to Contract F33615-71-C-1350, by which the U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, provides additional work performance on a "required" basis, subject to negotiation as change orders in each case, without otherwise changing contract provisions. The advanced avionics analysis and evaluation program continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
6. Modification P00015, Change Order to Contract F33615-71-C-1350, by which the U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, adds \$49,000 to prior funds to complete total funding of \$1,367,021 awarded under the contract. The research entitled, "Advanced Avionics Analysis and Evaluation Program," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
7. Modification P00004, Change Order to Contract F33615-74-C-1039, by which the U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, provides \$29,353 incremental funds for total funding of \$199,353 through June 30, 1975 (against the \$299,889 awarded with the contract for the period effective November 1, 1973 through August 31, 1976). The research entitled, "Fire Control System Analysis," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

8. Modification P00004, Supplemental Agreement to Contract F41609-74-C-0025, by which the U. S. Air Force, Air Force R&D Contracts Division, Brooks Air Force Base, Texas, extends the contract through June 30, 1975, without additional funds. The research entitled, "Model of Thermal Injury Based on Temperature Rise in Fundus Exposed to Laser Radiation," continues under the direction of Dr. Ashley J. Welch, Professor of Electrical Engineering.
9. Modification No. 10, Supplemental Agreement to Contract N00014-67-A-0126-0009, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, deletes final report requirements from this contract and incorporates them into successor contract N00014-75-C-0569 and provides a no-cost extension through February 28, 1975, or until all funds shall have been expended, whichever occurs first. The research entitled, "Temporal Planning and Management Decision under Risk and Uncertainty," continues under the direction of Dr. Abraham Charnes, Jesse H. Jones Professor of General Business.
10. Modification No. 1 to Contract N00014-67-A-0126-0021, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, deletes final report requirements from this contract and incorporates them into successor contract N00014-75-C-0922 and provides a no-cost extension through May 31, 1975. The research entitled, "Structure and Reactivity in Catalytic Systems," continues under the direction of Dr. John M. White, Associate Professor of Chemistry.
11. Contract N00014-75-C-0922, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$28,000 (Travis County) for support of research entitled, "Structure and Reactivity in Catalytic Systems." The contract is effective for the period May 1, 1975 through April 30, 1976, and the research continues under the direction of Dr. John M. White, Associate Professor of Chemistry.
12. Contract N00014-75-C-0569, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$30,000 (Travis County) for support of research entitled, "Temporal Planning and Management Decision Under Risk and Uncertainty." The contract is effective for the period January 1, 1975 through December 31, 1975, and the research continues under the direction of Dr. Abraham Charnes, Jesse H. Jones Professor of General Business.
13. Modification P00001, Supplemental Agreement to Contract N00014-75-C-0604, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, makes a certain change in name and percentage of academic year time devoted to the project. Other provisions are unchanged, and the project entitled, "Thermoacoustics," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
14. Contract N00014-75-C-0753, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$25,658 (Travis County) for support of research entitled, "Multiple and/or Inhomogeneous Layers for Integrated Optical Coupling and Modulation." The contract is effective for the period March 1, 1975 through February 29, 1976, and the research will be under the direction of Dr. A. Bruce Buckman, Associate Professor of Electrical Engineering.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

15. Modification P00013, Supplemental Agreement to Contract N00024-74-C-1069, by which the Department of the Navy, Naval Sea Systems Command, Washington, D. C., adds \$111,000 incremental funds to prior funding of \$2,119,380 for a new total funding of \$2,230,380 against the total award of \$3,166,000 for the current contract period effective September 27, 1973 through March 26, 1976. The research entitled, "Shipyard and Transducer Repair Facility Support," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
16. Modification P00001, Supplemental Agreement to Contract N00024-74-C-1181, by which the Department of the Navy, Naval Sea Systems Command, Washington, D. C., extends the contract through August 31, 1975, without additional funds. The AN/SQQ-14 Deep Mod Program continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
17. Modification P00001, Supplemental Agreement to Contract N00024-75-C-6078, by which the Department of the Navy, Naval Sea Systems Command, Washington, D. C., provides \$229,968 additional funds (Travis County) for the current contract period December 19, 1974, through December 18, 1975, and increases the total estimated cost from \$441,541 to \$671,509. The research entitled, "Automated Classification Development and Sound Propagation," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
18. Modification P00008, Supplemental Agreement to Contract N00123-73-C-0575, by which the Department of the Navy, Naval Regional Procurement Office, Long Beach, California, extends the contract period of performance through the completion date for any of the several Tasks thereunder. Currently, the latest completion date is Task 7, March 31, 1975. Other provisions are unchanged, and the bio-systems sonar research support continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
19. Modification P00003, Supplemental Agreement to Contract N00123-74-C-0337, by which the Department of the Navy, Naval Regional Procurement Office, Long Beach, California, increases the total estimated cost of the contract by \$5,358 (Travis County) from \$88,479 to \$93,837. The effective period (November 29, 1973 through June 30, 1975) is unchanged and the research entitled, "Mine Neutralization Vehicle Detection and Guidance Sonar," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
20. Contract N00123-75-C-1228, by which the Department of the Navy, Naval Regional Procurement Office, Long Beach, California, provides \$50,000 (Travis County) for support of a ship target classification feasibility study. The contract is effective for the period March 17, 1975 through January 16, 1976, and the research will be performed in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.
21. Modification P00010, Supplemental Agreement to Contract N000140-74-C-6316, by which the Department of the Navy, Naval Regional Procurement Office, Philadelphia, Newport Division, Newport, Rhode Island, provides \$5,000 additional funds and increases total funding to \$396,000 against the \$950,000 total awarded with the contract for the period June 14, 1974 through May 31, 1976. The modification provides a revised DD 254 dated 30 January 1975 for replacement, without otherwise changing the contract. The sonar test instrumentation develop-

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

ment and technical support continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.

22. Modification P00011, Supplemental Agreement to Contract N00140-74-C-6316, by which the Department of the Navy, Naval Regional Procurement Office, Philadelphia, Newport Division, Newport, Rhode Island, adds incremental funds of \$47,800 and increases total funding to \$443,800 against the \$950,000 awarded with the contract for the current contract period June 14, 1974 through May 31, 1976. The sonar test instrumentation development and AN/BQQ-3 technical support continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.

23. Modification P00012, Supplemental Agreement to Contract N00140-74-C-6316, by which the Department of the Navy, Naval Regional Procurement Office, Philadelphia, Newport Division, Newport, Rhode Island, adds incremental funds of \$30,000 and increases total funding to \$473,800 against the \$950,000 awarded with the contract. The sonar test instrumentation development and AN/BQQ-3 technical support continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.

24. Modification P00013, Administrative Change to Contract N00140-74-C-6316, by which the Department of the Navy, Naval Regional Procurement Office, Philadelphia, Newport Division, Newport, Rhode Island, corrects the administrative typographical error in the funding total which was noted at the time of acceptance of Modification P00012 and agreed upon for correction. The research entitled, "Sonar Test Instrumentation and Development and AN/BQQ-3 Technical Support," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.

25. Modification P00004, Supplemental Agreement to Contract N61339-74-C-0167, by which the Department of the Navy, Naval Training Equipment Center, Orlando, Florida, provides \$1,800 additional funds (Travis County) and increases the total estimated cost from \$478,997 to \$480,797. The contract period effective July 1, 1974 is extended through May 1, 1975, and the research entitled, "AMS Sonar Design Study," continues in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.

26. Contract/Purchase Order N61331-75-M-2477, by which the Department of the Navy, Naval Coastal Systems Laboratory, Panama City, Florida, provides \$6,000 (Travis County) for fixed-price support of research entitled, "Transmission and Reflection Properties of Rubber Sample Measurements." The contract/purchase order is effective for the period April 2, 1975 through July 10, 1975, and research performance will be in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.

27. ASSIGNMENT OF PATENT RIGHTS, by which the University and co-inventor, Maurice W. Widener, University employee, transfer to the Department of the Navy all right, title and interest in and to an invention entitled, "Doppler Sonar System" (Navy Case No. 45,606). The invention resulted from research under Department of the Navy Contract Nonr-3579(03) conducted in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director. This application is a revision and re-execution of the Assignment which appeared as UT-Austin Docket Item No. 21 (Federal), March 6, 1970.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

28. ASSIGNMENT OF PATENT RIGHTS, by which the University and co-inventors, Theodore C. Madison and Harlan G. Frey, University employees, transfer to the Department of the Navy all right, title and interest in and to an invention entitled, "Multiple-Frequency Transducer," (Navy Case No. 58,274). The invention resulted from research under Department of the Navy Contract N00024-73-C-1065 conducted in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director. This application is a revision and re-execution of the Assignment which appeared as Federal Item No. 17 for UT-Austin Docket, April 28, 1975.

29. ASSIGNMENT OF PATENT RIGHTS, by which the University and co-inventors, Michael D. Alexander and Lewie M. Barber, University employees, transfer to the Department of the Navy all right, title and interest in and to an invention entitled, "Dynamic Buoy Stabilization System," (Navy Case No. 56,348). The invention resulted from research under Navy Contract N60921-71-C-0227 conducted in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director. This application is a revision of the Assignment appearing as UT-Austin Docket Item No.13 (Federal), March 14, 1975.

30. ASSIGNMENT OF PATENT RIGHTS, by which the University and co-inventors, Francis E. Hinkle and David F. Rohde, University employees, transfer to the Department of the Navy, all right, title and interest in and to an invention entitled, "Level-Code Encoded Multiplexer," (Navy Case No. 57,378). The invention resulted from research under Navy Contract N60921-71-C-0227 conducted in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.

31. ASSIGNMENT OF PATENT RIGHTS, by which the University and inventor, Dennis W. Feller, University employee, transfer to the Department of the Navy all right, title and interest in and to an invention entitled, "CW and Linear FM Sweep Intercept Receiver," (Navy Case No. 58,193). The invention resulted from research under Navy Contract N60921-73-C-0107 conducted in Applied Research Laboratories under the direction of Dr. Chester M. Mc Kinney, Jr., Director.

32. Amendment No. 9 to Indemnity Agreement No. E-25 between The University of Texas at Austin and the U.S. Atomic Energy Commission, Washington, D. C., relative to the University's Nuclear Reactor Laboratory, which the name U. S. Atomic Energy Commission is deleted from the Agreement and its amendments wherever it appears and substitutes the name U.S. Nuclear Energy Commission. Further, this amendment has been issued to reflect the recent amendment to 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," effective March 21, 1975, increasing from \$110,000,000 to \$125,000,000 the available nuclear energy liability insurance provided by Nuclear Energy Liability Underwriters. Dr. E. Linn Draper is the current Director of the University's Nuclear Reactor Laboratory.

33. Letter Supplement (dated 14 March 1975) to Contract AT-(40-1)-2972, by which the U.S. Energy Research and Development Administration, Oak Ridge, Tennessee, changes the overhead rate in Modification No. 19 of the contract to the predetermined rate of 52% of salaries and wages for the period September 1, 1974 through March 31, 1975. The research in nuclear physics continues under the direction of Dr. Taro Tamura, Professor of Physics.

THE UNIVERSITY OF TEXAS AT AUSTIN
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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

34. Letter Supplement (dated 14 March 1975) to Contract AT-(40-1)-4478, by which the U.S. Energy Research and Development Administration, Oak Ridge, Tennessee, changes the overhead rate in Task A, C., and D of Modification No. 3 of the contract to the pre-terminated rate of 52% of salaries and wages for the period September 1, 1974 through June 30, 1975, and fixes the overhead rate of Task B of Modification No. 3 at 30% of salaries and wages. The project entitled, "The Texas Turbulent Torus Experiment," continues under the direction of Dr. William E. Drummond, Professor of Physics.

35. Modification No. 1, Supplemental Agreement to Contract AT-(40-1)-4627, by which the U.S. Energy Research and Development Administration, Oak Ridge Operations, Oak Ridge, Tennessee, provides \$40,400 additional funds (Travis County) and extends the contract for the period March 1, 1975 through February 29, 1976. The research entitled, "Penetration of Magnetic Fields into Plasmas and Heating of a Collisionless Plasma by Radio Frequency Waves," continues under the direction of Dr. Roger Bengtson, Assistant Professor of Physics, and Dr. Melvin E. Oakes, Associate Professor of Physics.

36. Contract AT-(40-1)-4876, by which the U.S. Energy Research and Development Administration, Oak Ridge Operations, Oak Ridge, Tennessee, provides \$10,165 (Travis County) for support of a project entitled, "Electric Power and the Environment: A Course for High School Teachers." The contract is effective for the period January 1, 1975 through December 31, 1975, and the project will be under the direction of Dr. E. Linn Draper, Jr., Associate Professor of Mechanical Engineering.

37. Contract AT-(40-1)-4882, by which the U. S. Energy Research and Development Administration, Oak Ridge Operations, Oak Ridge, Tennessee provides \$40,000 (Travis County) for support of research entitled, "Preliminary Evaluation of Geothermal Resources of the Middle Texas Gulf Coast." The contract is effective for the period January 1, 1975 through May 31, 1975, and the research will be under the direction of Dr. Don G. Bebout, Research Scientist, Bureau of Economic Geology.

38. Contract AT-(40-1)-4886, by which the U. S. Energy Research and Development Administration, Oak Ridge Operations, Oak Ridge, Tennessee, provides \$15,500 (Travis County) for support of a project entitled, "Conference on Geopressured Geothermal Energy: Research and Development." The contract is effective for the period February 15, 1975 through September 14, 1975, and the project will be under the direction of Dr. Myron Dorfman, Assistant Professor of Petroleum Engineering.

38a. Amendment No. 3 to Grant R800871-09, by which the U. S. Environmental Protection Agency, Washington, D. C., extends the grant through March 31, 1976, without additional funds. The research entitled, "Dynamical Theories of Knudsen Aerosols," continues under the direction of Dr. James R. Brock, Professor of Chemical Engineering.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

39. Modification C01, Administrative Change to Contract NAS6-2454, by which National Aeronautics and Space Administration, Wallops Flight Center, Wallops Island, Virginia, changes the words, "Wallops Station" wherever they appear in the contract to read Wallops Flight Center. The research entitled, "Investigation of Solid Earth Dynamics Using GEOS-C and Other Information," continues under the direction of Dr. Byron D. Tapley, Professor of Aerospace Engineering and Engineering Mechanics, and Dr. Bob E. Schutz, Assistant Professor of Aerospace Engineering and Engineering Mechanics.
40. Modification C02, Administrative Change to Contract NAS6-2454, by which National Aeronautics and Space Administration, Wallops Flight Center, Wallops Island, Virginia, adds to the contract schedule Article XI-Designation of New Technology Representative and Patent Representative. The research entitled, "Investigation of Solid Earth Dynamics Using GEOS-C and Other Information," continues under the direction of Dr. Byron D. Tapley, Professor of Aerospace Engineering and Engineering Mechanics, and Dr. Bob E. Schutz, Assistant Professor of Aerospace Engineering and Engineering Mechanics.
41. Modification S03, Supplemental Agreement to Contract NAS6-2454, by which National Aeronautics and Space Administration, Wallops Flight Center, Wallops Island, Virginia, changes a date for reports and documentation without otherwise changing the contract. The research entitled, "Investigation of Solid Dynamics Using GEOS-C and Other Information," continues under the direction of Dr. Byron D. Tapley, Professor of Aerospace Engineering and Engineering Mechanics, and Dr. Bob E. Schutz, Assistant Professor of Aerospace Engineering and Engineering Mechanics.
42. Modification S04, Supplemental Agreement to Contract NAS6-2454, by which National Aeronautics and Space Administration, Wallops Flight Center, Wallops Island, Virginia, provides \$30,900 in funds for the period ending April 30, 1976, against the \$90,552 awarded for the current contract period March 15, 1974 through March 14, 1977. The research entitled, "Investigation of Solid Earth Dynamics Using GEOS-C and Other Information," continues under the direction of Dr. Byron D. Tapley, Professor of Aerospace Engineering and Engineering Mechanics, and Dr. Bob E. Schutz, Assistant Professor of Aerospace Engineering and Engineering Mechanics.
43. Modification No. 7S, Supplemental Agreement to Contract NAS 9-10976, by which National Aeronautics and Space Administration, Lyndon B. Johnson Space Center, Houston, Texas, modifies Clause 66 of the contract dealing with financial reporting of government-owned property. The research entitled, "The Influence of Fuselage Nose Bluntness on Aerothermodynamic Environment Around Space Shuttle Configurations," was under the direction of Dr. John J. Bertin, Associate Professor of Aerospace Engineering and Engineering Mechanics.
44. Amendment No. 5S, Supplemental Agreement to Contract NAS 9-12568, by which National Aeronautics and Space Administration, Lyndon B. Johnson Space Center, Houston, Texas, extends the contract through July 31, 1975, without additional funds, and makes certain other changes in the General Provisions. The research entitled, "Operation, Maintenance, and Analysis Related to a Data Storage Unit," continues under the direction of Dr. David L. Lambert, Professor of Astronomy, and Dr. Thomas G. Barnes, III, Assistant Professor of Astronomy.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

45. Modification No. 5S, Supplemental Agreement to Contract NAS 9-13312, by which National Aeronautics and Space Administration, Lyndon B. Johnson Space Center, Houston, Texas, extends the contract through April 30, 1975, without additional funds. The research entitled, "Stream Network Analysis from Orbital and Suborbital Remote Sensing Imagery, Guadalupe River Basin, Texas," continues under the direction of Dr. Robert K. Holz, Professor of Geography, and Dr. Victor R. Baker, Assistant Professor of Geological Sciences.
46. Modification No. 2S, Supplemental Agreement to Contract NAS 9-13865, by which National Aeronautics and Space Administration, Lyndon B. Johnson Space Center, Houston, Texas, modifies Clause 66 of the contract dealing with financial reporting of government-owned property. The research entitled, "Characterization of Typical Platelet Injector Flow Configurations," continues under the direction of Dr. Charles E. Hickox, Jr., Assistant Professor of Aerospace Engineering and Engineering Mechanics.
47. Supplement No. 3, to Grant NGR 44-012-258, by which National Aeronautics and Space Administration, Washington, D. C., provides \$5,000 additional funds (Travis County) and extends the grant for the period February 1, 1975 through July 31, 1975. The research entitled, "Line Strengths and Stark Broadening of Lines of Atoms and Ions," continues under the direction of Dr. Roger D. Bengtson, Assistant Professor of Physics.
48. Grant R803666-01, by which the U. S. Environmental Protection Agency, Washington, D. C., provides \$96,548 (Travis County) for support of research entitled, "Development and Standardization of Identification and Monitoring Techniques for Baculovirus Pesticides." The grant is effective for the period April 1, 1975 through March 31, 1976, and the research will be under the direction of Dr. Max D. Summers, Associate Professor of Botany.
49. Cooperative Agreement between The University of Texas at Austin and The Forest Service, U. S. Department of Agriculture, Washington, D. C., by which USDA provides \$55,000 (Travis County) for support of a project entitled, "Pavement Management System for Forest Service Roads--Phase II." The cooperative agreement is effective for the period April 1, 1975 through September 30, 1976, and the project will be under the direction of Dr. W. R. Hudson, Professor of Civil Engineering, and Dr. B. F. McCullough, Associate Professor of Civil Engineering.
50. Grant H-2313, by which the Department of Housing and Urban Development, Washington, D. C., provides \$9,920 (Travis County) for support of research entitled, "Optimization of Solar Regenerated Solid Desiccant Air Conditioning System for Single and Multiple Family Dwellings." The grant is effective for the period March 1, 1975 through February 29, 1976, and the research will be under the direction of Dr. Gary C. Vliet, Associate Professor of Mechanical Engineering.
51. Grant IA-17634-23-G, between The University of Texas at Austin and U. S. Information Agency, Washington, D. C., by which USIA provides \$1,100 (Travis County) to enable the University to initiate preliminary planning for a Fine Arts Exhibit that will be sent to East and West Europe beginning in Spring 1976 and research into availability of suitable art objects. The agreement is effective April 21, 1975, and the project will be under the direction of Dr. Donald B. Goodall, Professor of Art and Director of University Art Collections.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

52. Purchase Order PX7000-5-0728, by which the U. S. Department of the Interior, National Park Service, Southwest Region, Santa Fe, New Mexico, provides \$600 (Travis County) for support of NPS personnel utilizing Texas Archeological Research Laboratory facilities in conjunction with preparation of a synthesis of NPS sponsored archeological work in the Wallisville Reservoir. The purchase order is effective for the period beginning March 28, 1975, and the project will be under the direction of Dr. DeeAnn Story, Associate Professor of Anthropology.
53. Research Fellowship Grant DOT-FH-11-8652(G), by which the Department of Transportation, Federal Highway Administration, Washington, D. C., provides \$5,000 (Travis County) to The University of Texas at Austin on behalf of Donald Edward Harley for the Academic Year 1975-76. The appointed Faculty Advisor is Dr. C. Michael Walton, Assistant Professor of Civil Engineering.
54. Modification No. 7, Supplemental Agreement to Contract NE-C-00-3-0066, by which the Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., reduces the total award of \$1,027,088 to \$1,004,136 (Travis County -decrease \$22,952) without changing the August 31, 1976, contract expiration date. Additional funding in the amount of \$148,943 is provided for the period February 1, 1975 through January 31, 1976, increasing total funding to \$919,841. The Research and Development Teacher Education Program continues under the direction of Dr. Robert F. Peck, Professor of Educational Psychology.
55. Modification No. 1, Supplemental Agreement to Contract NIE-C-74-0087, by which the Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., reduces the total award of \$746,432 to \$661,501 (Travis County-decrease \$84,961) without changing the August 31, 1976, contract expiration date. Additional funding in the amount of \$289,270 is provided for the period February 1, 1975 through January 31, 1976, increasing total funding to \$490,307. The project entitled, "Concerns-Based Adoption Model: Development and Testing," continues under the direction of Dr. Gene E. Hall, Coordinator, Inter-Institutional Program, Research and Development Center for Teacher Education.
56. Modification No. 1, Supplemental Agreement to Contract NIE-C-74-0088, by which the Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., reduces the total award of \$510,842 to \$474,700 (Travis County -decrease \$36,142) without changing the August 31, 1976, contract expiration date. Additional funding in the amount of \$204,820 is provided for the period February 1, 1975 through January 31, 1976, increasing total funding to \$316,554. The project entitled, "Evaluation of Teaching," continues in the Research and Development Center under the direction of Dr. Gary D. Borich, Assistant Professor of Educational Psychology.
57. Modification No. 1, Supplemental Agreement to Contract NIE-C-74-0089, by which the Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., reduces the total award of \$664,503 to \$571,158 (Travis County-decrease \$93,345) and changes the expiration of the contract from August 31, 1976 to July 31, 1976. Additional funds of \$207,000 are provided for the period February 1, 1975 through December 31, 1975, increasing total funding to \$458,948. The research entitled, "Correlates of Effective Teaching," continues in the Research and Development Center for Teacher Education under the direction of Dr. Jere Brophy, Associate Professor of Educational Psychology.

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

58. Revision No. 1, to Grant OEG-6-74-1915, by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., provides \$63,752 additional funds (Travis County) and extends the grant for the period July 1, 1975 through June 30, 1976. The project entitled, "Special Services for Disadvantaged Students," continues under the direction of Dr. William A. Bryan, Associate Dean of Students.

59. Amendment No. 1 to Grant No. 47-P-3038416-01, by which the Department of Health, Education, and Welfare, Social and Rehabilitation Service, Regional Office, Dallas, Texas reallocates funds within certain categories of the budget, without changing the total amount of \$52,674 awarded for the current period July 1, 1974, through June 30, 1975. The training program entitled, "Social Services for EPSDT," continues in the Regional Health Research Institute, Graduate School of Social Work, under the direction of Dr. James Stewart, Associate Director.

60. Grant No. 44-P-81084/6-01, by which the Department of Health, Education, and Welfare, Rehabilitation Services Administration, Office of Human Development, Washington, D. C., provides \$40,822 (Travis County) for support of research entitled, "Job Readiness Clinic," for the period March 1, 1975 through February 28, 1976. The total project period is March 1, 1975 through February 28, 1978, and the research will be under the direction of Dr. Carl E. Hansen, Associate Professor of Special Education.

61. Grant AM15818-04, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, provides \$31,588 (Travis County) for support of research entitled, "Genetic Enzyme Variants, Uric Acid, and Lipids," for the period April 1, 1975 through March 31, 1976. The total project period is April 1, 1972 through March 31, 1976, and the research continues under the direction of Dr. Walter K. Long, Lecturer in Zoology.

62. Grant AM16836-02, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, provides \$21,248 (Travis County) for support of research entitled, "Plasma Amino Acid Method to Assess Amino Acid Needs," for the period April 1, 1975 through March 31, 1976. The total project period is April 1, 1974 through March 31, 1977, and the research continues under the direction of Dr. John B. Longenecker, Professor of Home Economics.

63. Grant CA16329-02, by which the Department of Health, Education, and Welfare, Public Health Service, National Cancer Institute, Bethesda, Maryland, provides \$42,201 (Travis County) for support of research entitled, "Biology of the Reticuloendotheliosis Virus Group," for the period June 1, 1975 through May 31, 1976. The total project period is June 30, 1974 through May 31, 1977, and the research continues under the direction of Dr. Henry R. Bose, Associate Professor of Microbiology.

64. Grant EY01162-02, by which the Department of Health, Education, and Welfare, Public Health Service, National Eye Institute, Bethesda, Maryland, provides \$27,541 (Travis County) for support of research entitled, "Ocular Damage Due to Retinal Temperature Rise," for the period April 1, 1975 through March 31, 1976. The total project period is April 1, 1974 through March 31, 1977, and the research continues under the direction of Dr. Ashley J. Welch, Professor of Electrical Engineering.

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

65. Grant GM13557-09, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$69,020 (Travis County) for support of research entitled, "Physico-Chemical Studies on Irradiated Cells," for the period April 1, 1975, through March 31, 1976, and the research continues under the direction of Dr. Edward L. Powers, Professor of Zoology.
66. Grant GM19331-02, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$32,678 (Travis County) for support of research entitled, "Chromosome and Gene Activity in Sciaridae," for the period April 1, 1975, through March 31, 1976. The total project period is April 1, 1974, through March 31, 1979, and the research continues under the direction of Dr. Crodowaldo Pavan, Professor of Zoology.
67. Grant GM19770-03, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$20,762 (Travis County) for support of research entitled, "Prezygotic Selection in Human Population," for the period April 1, 1975 through March 31, 1976. The total project period is April 1, 1974 through March 31, 1976, and the research continues under the direction of Dr. Yuichiro Hiraizumi, Professor of Zoology.
68. Grant GM20148-02, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$24,774 (Travis County) for support of research entitled, "The Biochemistry of Membrane Assembly and Stability," for the period April 1, 1975 through March 31, 1976. The total project period is April 1, 1974 through March 31, 1979, and the research continues under the direction of Dr. Guy A. Thompson, Professor of Botany.
69. Grant HL18247-01, by which the Department of Health, Education, and Welfare, Public Health Service, National Heart and Lung Institute, Bethesda, Maryland, provides \$13,763 (Travis County) for support of research entitled, "Induced AV Nodal Conduction Changes in Normal Hearts," for the period June 1, 1975 through May 31, 1976, the total project period. The research will be under the direction of Dr. Philip C. Richardson, Associate Professor of Electrical Engineering and of Biomedical Engineering.
70. Grant MH13849-01, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, provides \$12,772 (Travis County) for support of a project entitled, "National Training Conference in Community Psychology," for the total period effective February 15, 1975 through June 30, 1975. The project will be under the direction of Dr. Ira Iscoe, Professor of Psychology and Education.
71. Grant NS11211-03, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of Neurological and Communicable Disorders and Stroke, Bethesda, Maryland, provides \$25,127 (Travis County) for support of research entitled, "Neural Differentiation: Nerve Growth Factor Proteins," for the period May 1, 1975 through April 30, 1976. The total project period is May 1, 1973 through April 30, 1976, and the research continues under the direction of Dr. José R. Perez-Polo, Assistant Professor of Zoology.

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

72. Biomedical Sciences Support Grant RR 07091-10, by which the Department of Health, Education, and Welfare, Public Health Service, Division of Research Resources, Bethesda, Maryland, provides \$58,658 (Travis County) for the period June 1, 1975 through May 31, 1976. The biomedical sciences program continues to be coordinated in the Office of the Vice-President and Dean of Graduate Studies, by Dr. H. Eldon Sutton, Associate Dean.
73. Grant T01 GM00600-16, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$15,324 (Travis County) for support of a training program entitled, "Microbiology," for the period July 1, 1975 through June 30, 1976. The total project period is July 1, 1970 through June 30, 1976, and the program continues under the direction of Dr. Orville Wyss, Professor of Microbiology.
74. Grant T01 GM00337-16, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$46,052 additional funds (Travis County) for the period July 1, 1975, through June 30, 1976. The total project period is July 1, 1970, through June 30, 1976. The training program entitled, "Genetics and Cell Biology," continues under the direction of Dr. R. P. Wagner, Professor of Zoology.
75. Amendment No. 1 to Grant FS-21902-75-245, by which National Endowment for the Humanities, Washington, D. C., provides \$300 additional funds (Travis County) for the current period January 1, 1975 through December 31, 1975, increasing the total from \$40,792 to \$41,092. The research entitled, "Contemporary German Literature: A Resurgent Humanism," continues under the direction of Dr. A. Leslie Willson, Professor of Germanic Languages.
76. Grant BMS 75-13177, by which National Science Foundation, Washington, D. C., provides \$5,100 (Travis County) for support of research entitled, "Putative Allopatric Introgression Involving Juniperus." The grant is effective for the period May 1, 1975 through April 30, 1976, and the research will be under the direction of Dr. B. L. Turner, Professor of Botany, and Dr. Robert H. Flake, Associate Professor of Electrical Engineering.
77. Grant DES 75-06249, by which National Science Foundation, Washington, D. C., provides \$114,800 (Travis County) for support of a project entitled, "Reconnaissance CDP Seismic Reflection Investigation of the Geological Structure of the Caribbean Sea." The grant is effective for the period April 1, 1975, through March 31, 1977, and the project will be under the direction of Dr. Joel S. Watkins, Research Scientist, and Dr. J. Lamar Worzel, Professor and Acting Director, The University of Texas Marine Science Institute, Geophysics Laboratory, Galveston, Texas.
78. Grant EPP 75-09171, by which National Science Foundation, Washington, D. C., provides \$8,060 (Travis County) for support of a Student-Originated Studies project entitled, "Identification and Utilization of Host-Plant Attractants/Repellants for Biological Control of Lepidopteran Pests." The grant is effective for the period March 15, 1975 through December 31, 1975, and the project will be performed by William Calvert (Student Project Director) under the direction of Dr. Lawrence E. Gilbert (Faculty Project Advisor), Assistant Professor of Zoology.

June 5, 1975

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

79. Grant ENG 75-09609, by which National Science Foundation, Washington, D. C., provides \$73,900 (Travis County) for support of research entitled, "Time Rates of Settlement and Dissipation of Pore Pressure for Sand Drain Projects." The grant is effective for the period June 1, 1975 through November 30, 1977, and the research will be under the direction of Dr. Roy E. Olson, Professor of Civil Engineering.

80. Grant ENG 75-10485, by which National Science Foundation, Washington, D. C., provides \$17,000 (Travis County) for support of research entitled, "Development of Coherent Tunable Optical Sources in the Far Infrared." The grant is effective for the period April 1, 1975 through March 31, 1977, and the research will be under the direction of Dr. Michael F. Becker, Assistant Professor of Electrical Engineering.

81. Grant MPS 75-07870, by which National Science Foundation, Washington, D. C., provides \$15,600 (Travis County) for support of research entitled, "Nonlinear Evolution Equations with Applications to Boundary Value Problems of Mathematical Physics." The grant is effective for the period June 1, 1975 through November 30, 1977, and the research will be under the direction of Dr. Ralph E. Showalter, Associate Professor of Mathematics.

82. Amendment A01 to Grant ID0 73-09740 (formerly GX-37345) by which National Science Foundation, Washington, D. C., provides \$223,700 additional funds (Travis County) and extends the grant for the period February 15, 1975 through July 31, 1977. The research entitled, "Marine Petroleum Pollution-Biological Effects," continues under the direction of Dr. J.A.C. Nicol, Professor of Zoology, and Dr. Chase Van Baalen, Professor of Botany, The University of Texas at Austin Marine Science Institute, Marine Science Laboratory, Port Aransas, Texas.

83. Grant MPS 75-07939, by which National Science Foundation, Washington, D. C., provides \$11,500 (Travis County) for support of research entitled, "Applications of Global Analysis and Nonlinear Functional Analysis to Approximation Theory." The grant is effective for the period June 1, 1975 through November 30, 1976, and the research will be under the direction of Dr. E. W. Cheney, Professor of Mathematics.

THE UNIVERSITY OF TEXAS AT AUSTIN
AMENDMENTS TO THE 1974-75 OPERATING BUDGET
BOARD OF REGENTS MEETING - JUNE 5, 1975

The term "rate" for academic personnel is the full-time nine-month base rate; for classified 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>
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GENERAL ADMINISTRATION AND STUDENT SERVICES

Purchasing Office

Transfer of Funds

1. Amount of Transfer - \$1,530

To: Purchasing Office - Classified Salaries

From: Unallocated Classified Salaries

Funds were used to up-grade two classified positions in the Purchasing Office.

(RBC# 3064)

GENERAL INSTITUTIONAL EXPENSE

Longhorn Bands

Change of Status

Director of Bands

2. Vincent R. DiNino

To: 6/1 - 8/31 100 12 \$ 39,870

From: 6/1 - 8/31 61 12 39,870

Source of Funds: Transfer from
Unallocated Faculty Salaries
(RBC# 3140, 3060)

Miscellaneous General Institutional Expense - Energy Conference

Transfer of Funds

3. Amount of Transfer - \$4,500

To: Energy Conference

From: Unallocated Maintenance and Operation

To provide for preliminary costs of the Energy Conference.
(RBC# 3070)

SCHOOL OF ARCHITECTURE

Architecture and Planning

Appointment

Lecturer

4. David S. Slovic (Non-tenure) 3/1 - 3/31 100 9 15,750
(RBC# 3043)

Lecturer

5. Walter H. Moleski (Non-tenure) 4/1 - 4/30 100 9 18,000
(RBC# 3263)

<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>				
<u>Architecture and Planning (Continued)</u>				
Appointment				
Lecturer				
6. Hugh G. Hardy (Non-tenure) (RBC# 3262)	3/1 - 3/31	100	9	\$ 18,000
Visiting Associate Professor				
7. Charles Gwathmey (Non-tenure) (RBC# 3261)	4/1 - 4/30	100	9	20,250

COLLEGE OF HUMANITIESOffice of the Dean

Appointment

Assistant Professor

8. Victorine C. Abboud (Non-tenure) 7/16 - 8/31 100 9 13,974

Source of Funds: Dean's
Academic Development Funds

Academic Status: Assistant
Professor (Computer Sciences)
and (Center for Middle Eastern
Studies)
(RBC# 3271)

Transfer of Funds

9. Amount of Transfer - \$908

Transfers were made from the Dean's Academic Development Fund to the various departmental Academic Development Funds as follows:

(1) Classics (RBC# 3225)	\$ 80	(3) Oriental and African Languages and Literatures (RBC# 3184)	\$100
(2) Germanic Languages (RBC# 3226, 3182)	428	(4) Spanish/Portuguese (RBC# 3183)	300

Classics

Transfer Between Dissimilar Appropriations

10. Amount of Transfer - \$200

To: Travel

From: Classified Personnel

Departmental funds were reallocated to provide for travel expenses of departmental representatives who attended the Junior Classical League meeting held in Richardson, Texas on April 12, 1975.
(RBC# 3232)

French and Italian

Appointment

Assistant Instructor

11. Cynthia M. M. Cook (Non-tenure) 1/16 - 5/31 50 9 8,544

Source of Funds: Transfer
from the Dean's Reserve
(RBC# 3136, 2365)

<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 HUMANITIES (Continued)

French and Italian (Continued)Appointment

Assistant Instructor

12. Yolande A. Blanchette (Non-tenure)	1/16 - 5/31	50	9	\$ 8,544
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Source of Funds: Transfer
from the Dean's Reserve
(RBC# 3135, 2365)

PhilosophyTransfer of Funds

13. Amount of Transfer - \$200

To: Philosophy - Visiting Lecturers and Consultants

From: Office of the Dean - Visiting Lecturers and Consultants

To provide partial support for two visiting lecturers during the Spring Semester.

(RBC# 3058)

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCESOffice of the DeanTransfer of Funds

14. Amount of Transfer - \$2,100

Transfers were made from the Dean's Academic Development Fund to the various departmental Academic Development Funds as follows:

(1) Anthropology \$ 300 (RBC# 3065)	(3) Psychology \$600 (RBC# 3129)
(2) Government 1,200 (RBC# 3094)	

GeographyInterdepartmental Transfer

15. Amount of Transfer - \$1,400

To: Geography - Academic Development Funds

From: Office of the Dean, Division of General and Comparative Studies - Academic Development Funds

To provide for part of the travel expenses incurred by Professor Charles Greer on his trip to the People's Republic of China as a delegate from this University.

(RBC# 3141)

GovernmentInterdepartmental Transfer

16. Amount of Transfer - \$282

To: Government - Travel

From: Office of the Dean - Travel

Funds were used for travel expenses of Dr. Joe Oppenheimer who acted as University representative at the meeting of the University's National Bureau Conference in Cambridge, Massachusetts on April 11-12, 1975.

(RBC# 3057)

<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</u>				
<u>Office of the Dean</u>				
<u>Transfer of Funds</u>				
17. Amount of Transfer - \$750				
Transfers were made from the Dean's Academic Development Fund to the various departmental Academic Development Funds as follows:				
(1) Botany		\$250		
(RBC# 3062)				
(2) Mathematics		500		
(RBC# 3180)				
<u>Botany</u>				
<u>Appointment</u>				
Assistant Professor				
18. Jonathan Roughgarden (Non-tenure)	3/7 - 3/21	100	9	\$ 20,460
(RBC# 3047)				
<u>Transfer Between Dissimilar Appropriations</u>				
19. Amount of Transfer - \$500				
To: Visiting Lecturers				
From: Travel				
Funds were used for stipends of visiting lecturers during the Spring Semester.				
(RBC# 3181)				
<u>Chemistry</u>				
<u>Appointment</u>				
Visiting Professor				
20. Eugene E. vanTamelon (Non-tenure)	3/17 - 3/31	50	9	26,050
(RBC# 3367)				
Visiting Professor				
21. Fred C. Anson (Non-tenure)	3/17 - 3/31	50	9	26,050
(RBC# 3247)				
Visiting Professor				
22. Paul D. Bartlett (Non-tenure)	4/1 - 4/15	50	9	32,400
(RBC# 3366)				
Research Scientist (Faculty)				
23. Philip S. Bailey (Tenure)	6/1 - 7/15	85	9	22,766
Source of Funds: Departmental Academic Development Funds				
Academic Status: Professor (Chemistry)				
(RBC# 3277)				
<u>Mathematics</u>				
<u>Appointment</u>				
Visiting Professor				
24. Irving Kaplansky (Non-tenure)	3/17 - 3/28	100	9	30,222
(RBC# 3281)				

<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>Microbiology</u>				
Transfer of Funds				
25. Amount of Transfer - \$173				
To: Microbiology - Teaching Assistants				
From: Dean's Reserve for Faculty Salaries				
To provide the additional funds needed for the Spring Semester salary of a Teaching Assistant. (RBC# 3063)				
<u>Physics</u>				
Appointment				
Visiting Professor				
26. Volker Heine (Non-tenure)	4/14 - 4/30	100	9	\$ 36,525
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3517, 3618)				
Visiting Professor				
27. Daniel H. Sternheimer (Non-tenure)	4/15 - 4/24	100	9	25,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3516, 3618)				
Leave of Absence				
Professor				
28. Yuval Ne'eman (Tenure)				
To:	9/1 - 1/15	100	9	38,570
	1/16 - 5/31	LWOP		
From:	9/1 - 1/15	100	9	38,570
(RBC# 3147)				
<u>Zoology</u>				
Appointment				
Visiting Professor				
29. Ralph A. Bradshaw (Non-tenure)	3/12 - 3/28	33	9	15,000
(RBC# 3248)				
Visiting Professor				
30. Jean S. deVellis (Non-tenure)	3/1 - 3/17	33	9	15,000
(RBC# 3249)				
Visiting Professor				
31. David Epel (Non-tenure)	4/1 - 4/19	33	9	22,500
(RBC# 3515)				
Visiting Professor				
32. Garth L. Nicholson (Non-tenure)	2/21 - 3/8	33	9	15,000
(RBC# 3514)				
Visiting Professor				
33. Jean P. Revel (Non-tenure)	3/24 - 4/9	50	9	19,500
(RBC# 3513)				

<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</u>				
<u>Office of the Dean</u>				
Change of Status				
Assistant to the Dean				
34. Warwick P. Wadlington				
To:	6/1 - 8/31	100	12	\$ 24,707
From:	6/1 - 8/31	55	12	24,707
Academic Status: Associate Professor (English) (RBC# 3056)				
<u>American Studies</u>				
Appointment				
Lecturer				
35. Eileen T. Lundy (Non-tenure)	1/16 - 5/31	39	9	13,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2802, 3508, 3620)				
Stiles Professor				
36. William H. Goetzman (Tenure)	6/1 - 8/31	55	9	32,586
Sources of Funds: American Studies - Academic Development Fund (1/2) and Current Restricted - Stiles Professorship in American Studies (1/2)				
Academic Status: Professor (American Studies) and (History) (RBC# 3202, 3203, 3093)				
<u>Center for Middle Eastern Studies</u>				
Appointment				
Associate Director				
37. James A. Bill	7/16 - 8/31	50	9	17,876
Academic Status: Associate Professor (Government) (RBC# 3245)				
<u>COLLEGE OF EDUCATION</u>				
<u>Cultural Foundations of Education</u>				
Transfer of Funds				
38. Amount of Transfer - \$3,250				
To: Cultural Foundations of Education - Faculty Salaries				
From: Dean's Reserve for Faculty Salaries				
To provide the additional funds needed for a Spring Semester faculty appointment. (RBC# 2644)				

<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>Educational Psychology and Office of the Dean, College of Education</u>				
Remove from Budget				
39. Frances F. Fuller (Tenure)				
Educational Psychology Professor	1/16 - 5/31	LWOP	9	(\$ 21,000)
Office of the Dean, College of Education Associate Dean	9/1 - 5/31 6/1 - 7/15	50 100	9	21,000
Deceased - Remove from Budget (RBC# 3266, 3265, 3270)	4/17/75			
<u>COLLEGE OF ENGINEERING</u>				
<u>Civil Engineering</u>				
Reappointment				
Assistant Instructor				
40. Joseph Y. Wang (Non-tenure)	1/16 - 5/31	50	9	8,544
Previous appointment was at the same rate (RBC# 3137)				
Assistant Instructor				
41. Randy B. Machemehl (Non-tenure)	1/16 - 5/31	50	9	8,300
Source of Funds: Transfer from Unallocated Faculty Salaries				
Previous appointment was at the same rate (RBC# 3133, 3134, 3039)				
<u>Civil Engineering and Center for Research in Water Resources</u>				
Appointment				
42. Leo R. Beard (Non-tenure)				
Appointment:				
Civil Engineering Lecturer	1/16 - 5/31	25	9	22,550
Reappointment				
Center for Research in Water Resources Technical Director	1/16 - 5/31	35	12	29,990
Sources of Funds:				
U.S. Department of Commerce Contract	1/16 - 3/31			
General Budget Funds - Center's Matching Funds for Grants account	4/1 - 5/31			
Concurrent Employment:				
Center for Research in Water Resources - General Budget Funds Technical Director (RBC# 2509, 2620, 3215, 3216)	9/1 - 8/31	40	12	29,990

<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 FINE ARTSOffice of the Dean

Reappointment

Graphic Designer

43. George P. Lenox	6/1 - 7/15	100	9	\$ 14,170
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Source of Funds: Transfer from
the Dean's Office - Classified
Personnel account

Previous appointment
was at the same rate

Academic Status:
Lecturer (Art)
(RBC# 3279, 3430)

Transfer of Funds

44. Amount of Transfer - \$22,202

Funds transferred to the Dean's Maintenance and Operation account from
the Institutional Unallocated Maintenance and Operation account have
been reallocated to the departmental Maintenance and Operation accounts
as follows:

(1) Art (RBC# 3229)	\$4,898	(3) Drama (RBC# 3228)	\$5,592
(2) Art Teaching Gallery (RBC# 3230)	4,712	(4) Music (RBC# 3231)	7,000

45. Amount of Transfer - \$1,000

To: Office of the Dean, College of Fine Arts - Visiting Lecturers
and Consultants

From: Unallocated Visiting Lecturers and Consultants

To provide Visiting Lecturers funds needed in support of a symposium
entitled "Form in Performance" which was held in April.
(RBC# 3201)

Student Opera Productions - Office of
the Dean

Transfer of Funds

46. Amount of Transfer - \$2,338

To: Student Opera Productions - Maintenance and Operation

From: Unallocated Maintenance and Operation

Transfer an amount equal to the box office receipts of the opera
production "The Italian Girl in Algiers" to the Student Opera
Productions' Maintenance and Operation account. The receipts were
deposited to General Budget Income but are needed now in the Student
Opera Production Maintenance and Operation account to pay for
expenses incurred.

(RBC# 3059)

SCHOOL OF LAW

Appointment

Professor

47. Julian L. Lebowitz (Tenure)	6/1 - 7/15	77	9	27,266
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Source of Funds: School of Law -
Academic Development Fund
(RBC# 3276)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>SCHOOL OF LAW (Continued)</u>				
Leave of Absence				
Director of Clinical Legal Education				
48. Cicily J. Simms	2/1 - 8/31	50	12	\$ 17,440
Term of Leave	6/1 - 7/15			
Concurrent Employment:				
School of Law				
Lecturer	2/1 - 5/31	50	9	17,440
	6/1 - 7/15	100		
(RBC# 3280)				
<u>LIBRARY</u>				
Appointment				
Librarian/Consultant, Mexican-American Collection Project (Temporary)				
49. Martha P. Cotera	3/17 - 8/31	33	12	16,000
(RBC# 3164)				
Librarian, Undergraduate Library				
50. Lucy A. Brooke	3/17 - 8/31	100	12	10,984
(RBC# 3054, 3162)				
Salary Increase				
Assistant Librarian, Barker Texas History Center				
51. Mary B. Fleischer				
To:	2/1 - 3/31	100	12	12,538
	4/1 - 8/31	100	12	13,438
From:	2/1 - 8/31	100	12	<u>12,538</u>
Rate Increase			<u>12</u>	<u>900</u>
(RBC# 3210)				
Librarian, Monographic Cataloging				
52. Carolyn A. Graham				
To:	2/1 - 3/31	100	12	11,898
	4/1 - 8/31	100	12	13,098
From:	2/1 - 8/31	100	12	<u>11,898</u>
Rate Increase			<u>12</u>	<u>1,200</u>
(RBC# 3211)				
Assistant Archivist, Barker Texas History Center				
53. James C. Martin, Jr.				
To:	2/1 - 3/31	100	12	11,334
	4/1 - 8/31	100	12	11,734
From:	2/1 - 8/31	100	12	<u>11,334</u>
Rate Increase			<u>12</u>	<u>400</u>
(RBC# 3145)				

<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>LIBRARY (Continued)</u>				
Salary Increase				
Librarian, Monographic Cataloging				
54. Susan K. Phillips				
To:	2/1 - 4/30	100	12	\$ 13,238
	5/1 - 8/31	100	12	14,738
From:	2/1 - 8/31	100	12	<u>13,238</u>
Rate Increase			<u>12</u>	<u>1,500</u>
(RBC# 3267, 3268)				

Assistant Archivist, Barker Texas
History Center

55. William H. Richter

To:	2/1 - 3/31	100	12	11,786
	4/1 - 8/31	100	12	12,286
From:	2/1 - 8/31	100	12	<u>11,786</u>
Rate Increase			<u>12</u>	<u>500</u>
(RBC# 3146)				

Resignation

Professional Librarian

56. Sandra E. Shirley

Date of Resignation
(RBC# 3045)

11/1 - 8/31	100	12	9,720
3/31/75			

Library - Law Library

Leave of Absence

Professional Librarian

57. Adrienne C. deVergie

Term of Leave
(RBC# 3055)

9/1 - 8/31	100	12	12,620
5/1 - 5/31			

ORGANIZED RESEARCH

Coordinator of University Publications

Transfer of Funds

58. Amount of Transfer - \$1,300

To: Coordinator of University Publications - Maintenance, Operation,
and Equipment

From: Unallocated Teaching Equipment, Research Equipment, and Research
Collections

To provide additional operational funds needed due to the unanticipated
expenses of replacing camera equipment which had become faulty and
unserviceable.

(RBC# 3061)

<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>ORGANIZED RESEARCH (Continued)</u>				
<u>Center for Energy Studies and Fusion Research Center</u>				
Reappointment				
Research Coordinator				
59. Clif W. Drummond				
Center for Energy Studies	4/1 - 8/31	67	12	\$ 26,088
Fusion Research Center - Texas Atomic Energy Research Foundation Funds	4/1 - 4/30	33	12	26,088
Previous appointments were at the same rate (RBC# 3492, 3502)				

Center for Relativity Theory

Appointment

Research Scientist (Faculty)				
60. Alfred Schild	6/1 - 7/31	100	9	30,526
Academic Status: Professor (Physics) (RBC# 3482)				

Transfer Between Dissimilar Appropriations

61. Amount of Transfer - \$12,325

To: Administrative and Professional Salaries (\$6,436)
Maintenance and Operation (\$5,889)

From: Classified Personnel (\$6,119)
Wages (\$4,748)
Travel (\$458)
Computer Rental and Purchased Services (\$1,000)

Reallocation of the Center's funds to provide support where needed.
(RBC# 3066, 3067, 3068, 3131, 3132)

Division of Natural Resources and Environment

Transfer Between Dissimilar Appropriations

62. Amount of Transfer - \$1,000

To: Maintenance and Operation

From: Classified Personnel

Funds available in the Division's Classified Personnel account were needed for operational expenses.
(RBC# 3071)

<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>

UNALLOCATED ACCOUNTSUnallocated Maintenance and Operation

Transfer of Funds

63. Amount of Transfer - \$269,585

Transfers were made from the Institutional Unallocated Maintenance and Operation account to the various Deans' Maintenance and Operation accounts for reallocation, as needed, to departments to provide for operational costs for the remainder of the fiscal year, as follows:

(1) School of Architecture (RBC# 3179)	\$ 2,000
(2) College of Humanities (RBC# 3178)	9,000
(3) College of Social and Behavioral Sciences (RBC# 3177)	16,000
(4) College of Natural Sciences (RBC# 3176)	100,000
(5) Division of General and Comparative Studies (RBC# 3175)	8,000
(6) College of Business Administration (RBC# 3174)	20,000
(7) School of Communication (RBC# 3173)	17,000
(8) College of Education (RBC# 3069, 3172)	12,085
(9) College of Engineering (RBC# 3171)	40,000
(10) College of Fine Arts (RBC# 3170)	28,000
(11) School of Law (RBC# 3169)	6,000
(12) College of Pharmacy (RBC# 3168)	10,000
(13) Graduate School of Social Work (RBC# 3167)	1,500

SPONSORED PROJECTSEconomics

Appointment

Director

64. Stephen L. McDonald 6/1 - 7/31 100 9 \$ 31,066

Source of Funds: Resources
for the Future Contract

Academic Status:
Professor (Economics)
(RBC# 3485)

<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>Astronomy</u>				
Reappointment				
Research Scientist (Faculty)				
65. Marie-Helene D. Ulrich	4/16 - 8/31	50	9	\$ 17,440
Source of Funds: NSF Grant				
Academic Status: Assistant Professor (Astronomy) (RBC# 3220)				
<u>Botany</u>				
Appointment				
Director (Faculty)				
66. David P. Bloch	6/1 - 7/31	100	9	21,626
Source of Funds: USPHS Contract				
Academic Status: Professor (Botany) (RBC# 3212)				
Director (Faculty)				
67. Harold C. Bold	8/1 - 8/31	50	9	31,566
Source of Funds: NSF Grant				
Academic Status: Professor (Botany) (RBC# 3257)				
Director (Faculty)				
68. Theodore Delevoryas	6/1 - 7/31	100	9	24,066
Source of Funds: NSF Grant				
Academic Status: Professor (Botany) (RBC# 3213)				
Director (Faculty)				
69. Donald A. Levin	7/16 - 8/31	100	9	21,766
Source of Funds: NSF Grant				
Academic Status: Professor (Botany) (RBC# 3478)				
Director (Faculty)				
70. Calvin McMillan	6/1 - 7/31	100	9	22,976
Source of Funds: NSF Grant				
Academic Status: Professor (Botany) (RBC# 3214)				

<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>				
Appointment				
Research Scientist (Faculty)				
71. Michael J. S. Dewar	6/1 - 8/31	100	9	\$ 40,656
Source of Funds: U. S. Air Force Contract				
Academic Status: Professor (Chemistry) (RBC# 3083, 3253)				
<u>Physics</u>				
Change of Status				
72. Gerald F. Alldredge				
To: Research Scientist (Faculty)	6/1 - 6/30	92	9	15,042
From: Research Scientist Associate V	6/1 - 6/30	100	12	18,540
Source of Funds: U. S. Air Force Contract				
Academic Status: Lecturer (Physics) (RBC# 3496)				
<u>Zoology</u>				
Appointment				
Project Director				
73. Guy L. Bush	6/1 - 8/31	100	9	18,748
Sources of Funds: U. S. Department of Agriculture Grant				
	6/1 - 6/30			
NSF Grant				
	7/1 - 8/31			
Academic Status: Associate Professor (Zoology) (RBC# 3085, 3084, 3486, 3487)				
Project Director				
74. George D. Bittner	6/1 - 8/31	100	9	17,004
Source of Funds: USPHS Contract				
Academic Status: Associate Professor (Zoology) (RBC# 3080)				
Research Scientist (Faculty)				
75. Eric R. Pianka	6/1 - 7/31	100	9	18,149
Source of Funds: NSF Grant				
Academic Status: Associate Professor (Zoology) (RBC# 3525)				

<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>Electrical Engineering</u>				
Appointment				
Research Engineer (Faculty)				
76. Terry J. Wagner	6/1 - 7/31	100	9	\$ 20,436
Source of Funds: U. S. Air Force Contract				
Academic Status: Professor (Electrical Engineering) (RBC# 3503)				
Research Engineer (Faculty)				
77. J. K. Aggarwal	6/1 - 8/31	67	9	21,886
Source of Funds: U. S. Air Force Contract				
Academic Status: Professor (Electrical Engineering) (RBC# 3217)				
<u>Graduate School of Social Work</u>				
Reappointment				
Assistant Professor				
78. Victor M. Ehlers	4/1 - 5/31	100	9	17,923
Source of Funds: HEW - Maternal and Child Health Grant				
Previous appointment was at the same rate (RBC# 3488)				
<u>Applied Research Laboratories</u>				
Change of Status				
Research Engineer (Faculty)				
79. Otto M. Friedrich, Jr.				
To:	2/1 - 3/31	50	12	23,108
	4/1 - 8/31	100		
From:	2/1 - 8/31	50	12	23,108
Concurrent Employment:				
Electronics Research Center				
Research Engineer (Faculty);				
Assistant Director of Electronics				
Research Center				
	2/1 - 3/31	50	12	23,108
	4/1 - 6/30	--	12	(23,108)
Research Engineer (Faculty) (RBC# 3254, 3495)				
<u>Center for Nuclear Studies</u>				
Appointment				
Research Scientist (Faculty)				
80. Gerald W. Hoffman	7/1 - 8/31	100	9	15,260
Source of Funds: Atomic Energy Commission Contract Funds				
Academic Status: Assistant Professor (Physics) (RBC# 3476)				

<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>Center for Nuclear Studies (Continued)</u>				
Appointment				
81. Cornelius F. Moore				
Project Director (Faculty) - U. S. Air Force Contract Funds	6/1 - 6/30	100	9	\$ 19,566
Research Scientist (Faculty) - Atomic Energy Commission Contract Funds	7/1 - 8/31	100	9	19,566
Academic Status: Professor (Physics) (RBC# 3477, 3081)				
Research Scientist (Faculty)				
82. Syed A. Zaidi	6/1 - 8/15	100	9	17,135
Source of Funds: Atomic Energy Commission Contract				
Academic Status: Associate Professor (Physics) (RBC# 3497)				
<u>Center for Particle Theory</u>				
Appointment				
Research Scientist (Faculty)				
83. Arno Bohm	6/1 - 7/31	100	9	18,149
Source of Funds: Atomic Energy Commission Contract				
Academic Status: Associate Professor (Physics) (RBC# 3077)				
Research Scientist (Faculty)				
84. Charles B. Chiu	6/1 - 7/15	100	9	17,985
Source of Funds: Atomic Energy Commission Contract				
Academic Status: Associate Professor (Physics) (RBC# 3087)				
Research Scientist (Faculty)				
85. Duane A. Dicus	6/1 - 7/31	100	9	16,306
Source of Funds: Atomic Energy Commission Contract				
Academic Status: Assistant Professor (Physics) (RBC# 3086)				
Research Scientist (Faculty)				
86. Austin M. Gleeson	7/16 - 8/31	100	9	19,366
Source of Funds: Atomic Energy Commission Contract				
Academic Status: Associate Professor (Physics) (RBC# 3090, 3479)				

<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>Center for Particle Theory (Continued)</u>				
Appointment				
Research Scientist (Faculty)				
87. George Sudarshan	6/1 - 7/31	100	9	\$ 40,136
Source of Funds: Atomic Energy Commission Contract				
Academic Status: Professor (Physics) (RBC# 3075)				
<u>Center for Relativity Theory</u>				
Appointment				
Research Scientist (Faculty)				
88. Richard A. Matzner	6/1 - 7/31	100	9	17,473
Source of Funds: NSF Grant				
Academic Status: Associate Professor (Physics) (RBC# 3481)				
Research Scientist (Faculty)				
89. Lawrence C. Shepley	6/1 - 7/31	100	9	16,535
Source of Funds: NSF Grant				
Academic Status: Associate Professor (Physics) (RBC# 3480)				
<u>Center for the Study of Human Resources</u>				
Reappointment				
Social Science Research Associate (Faculty)				
90. Robert W. Glover	1/1 - 1/15 1/16 - 5/31	75 100	9	14,500
Sources of Funds: RTPNY Funds Recruit Training Program				
Concurrent Employment: Economics Assistant Professor (RBC# 2794, 3088)				
	9/1 - 1/15	25	9	14,500
<u>Electronics Research Center</u>				
Reappointment				
Director				
91. Arwin A. Dougal	4/1 - 5/31	---	9	(31,226)
Source of Funds: U. S. Air Force Contract				
Concurrent Employment: Electrical Engineering Professor				
	4/1 - 5/31	100	9	31,226
Applied Research Laboratories Consultant (RBC# 3493)				
	9/1 - 8/31	---	--	---

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Fusion Research Center</u>				
Reappointment				
Research Scientist (Faculty)				
92. Claude W. Horton, Jr.	4/1 - 5/31 6/1 - 6/30	50 100	9	\$ 19,416
Source of Funds: Atomic Energy Commission Contract				
Concurrent Employment:				
Physics				
Associate Professor (RBC# 3483, 3484)	4/1 - 5/31	50	9	19,416
Research Scientist				
93. Richard D. Hazeltine	4/1 - 6/30	100	12	25,044
Source of Funds: Atomic Energy Commission Contract				
Previous appointment as a Special Research Associate (Classified Personnel) was at the same rate (RBC# 3498)				
Assistant Director - Theoretical Programs				
94. David W. Ross	4/1 - 6/30	100	12	30,688
Source of Funds: Atomic Energy Commission Contract				
Previous appointment was at the same rate (RBC# 3500)				
Research Scientist				
95. Alan A. Ware	4/1 - 6/30	100	12	38,088
Source of Funds: Atomic Energy Commission Contract				
Previous appointment was at the same rate (RBC# 3499)				
<u>Research and Development Center for Teacher Education</u>				
Leave of Absence				
Assistant Professor				
96. Gary D. Borich				
To:	9/1 - 12/6 12/7 - 8/31	50 LWOP	9	14,420
From:	9/1 - 12/6 12/7 - 1/31	50 LWOP	9	14,420
Academic Status: Assistant Professor (Educational Psychology) - On Leave for Spring Semester (RBC# 2823)				

<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>Marine Science Institute - Port Aransas</u>				
Appointment				
Research Scientist (Faculty)				
97. J. A. Colin Nicol	6/1 - 7/31	100	9	\$ 32,486
Source of Funds: NSF Grant				
Academic Status: Professor				
(Zoology) and (Marine Studies)				
(RBC# 3489)				
<u>AUXILIARY ENTERPRISES</u>				
<u>Intercollegiate Athletics for Men</u>				
Reappointment				
Head Basketball Coach				
98. Leon Black	4/1 - 8/31	100	12	21,800
To reappoint for the new contract year beginning April 1, 1975.				
(RBC# 3122)				
Assistant Basketball Coach				
99. Marc D. Adams	4/1 - 8/31	100	12	13,368
To reappoint for the new contract year beginning April 1, 1975.				
(RBC# 3120)				
Assistant Basketball Coach				
100. Ernie D. Dotson	4/1 - 8/31	100	12	15,368
To reappoint for the new contract year beginning April 1, 1975.				
(RBC# 3121)				
<u>Intercollegiate Athletics for Women</u>				
Reappointment				
Assistant to Director				
101. Nelda J. Burke	6/1 - 8/31	100	9	12,753
(RBC# 3504)				
<u>Special Concessions</u>				
Transfer Between Dissimilar Appropriations				
102. Amount of Transfer - \$1,500				
To: Project Info: Law				
From: President - Special Projects				
To provide additional operating funds for the U. T. Law School Project Info program for the remainder of the fiscal year.				
(RBC# 3042)				

<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>AUXILIARY ENTERPRISES (Continued)</u>				
<u>Student Government</u>				
Appointment				
Student Government Administrative Assistant				
103. Judy M. Spalding (RBC# 3507)	4/7 - 5/31	36	<u>Stipend</u> \$ 225	
Student Government Administrative Assistant				
104. Donald P. Wiley (RBC# 3506)	4/7 - 5/31	36	225	
<u>Student Health Center</u>				
Change of Status				
Physician, General Medicine				
105. June E. Richardson			<u>Full-time Salary</u>	
To:	2/1 - 8/31	100	12	\$ 26,288
From:	2/1 - 5/31	100	12	26,288
(RBC# 3505)				
Leave of Absence				
Physician, General Medicine				
106. Philip A. Bergman	9/1 - 8/31	100	12	24,200
Term of Leave	7/1 - 7/15			
(RBC# 3098)				
Resignation				
Physician, General Medicine				
107. Ward Evans	9/1 - 8/31	100	12	22,520
Date of Resignation	3/31/75			
(RBC# 3250)				

CURRENT RESTRICTED FUNDS

Administrative Charges to Trust Funds and Other Funds

Transfer of Funds

108. Amount of Transfer - \$47,000

To: Account No. [REDACTED] (\$35,000)
Account No. [REDACTED] (\$12,000)

From: Account No. [REDACTED]
(RBC# D-76, 3675)

Chemistry

Appointment

Research Scientist (Faculty)

109. Raymond E. Davis

7/16 - 8/7 95 9 19,066

Source of Funds: Chemistry,
Various Donors Account

Academic Status: Associate
Professor (Chemistry)
(RBC# 3274)

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

CURRENT RESTRICTED FUNDS (Continued)Chemistry (Continued)

Appointment

Research Scientist (Faculty)

110. William C. Gardiner, Jr. 6/1 - 6/20 50 9 \$ 20,066

Source of Funds: Chemistry,
Various Donors Account

Academic Status:
Professor (Chemistry)
(RBC# 3273)

Research Scientist (Faculty)

111. John C. Gilbert 7/16 - 8/5 60 9 16,350

Source of Funds: Chemistry,
Various Donors Account

Academic Status: Associate
Professor (Chemistry)
(RBC# 3272)

Office of the Dean, College of Business Administration

Salary Increase

Assistant to the Dean

112. Thomas A. Loomis

To: 2/1 - 4/30 100 12 15,276
5/1 - 8/31 100 12 15,744

From: 2/1 - 8/31 100 12 15,276

Rate Increase 12 468

Source of Funds:
CBA Foundation
(RBC# 3278)

Engineering Foundation

Transfer of Funds

113. Amount of Transfer - \$15,000

To: Industrial Associates (\$10,000)
Maintenance and Operation (\$5,000)

From: Scholarships (\$10,000)
Faculty Awards (\$5,000)

Funds were needed for support of Industrial Associates activities and for expenses related to the Foundation Annual Report, Science and Engineering Symposium, and other activities.
(RBC# 3095, 3097)

Hogg Foundation for Mental Health

Transfer of Funds

114. Amount of Transfer - \$10,000

To: Hogg Foundation for Mental Health - Maintenance and Operation

From: W. C. Hogg Fund - Unallotted

To supply additional operating funds needed for the remainder of the 1974-75 fiscal year.
(RBC# 3227)

<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>PLANT FUNDS</u>				
Transfer of Funds				
115. Amount of Transfer - \$489,000				
From: Other Projects - Available University Fund				
To: (1) Remodeling of Opera Lab Instructional Facilities in College of Fine Arts (RBC# 3103)			\$ 105,000	
(2) Equipment for Computer Sciences Undergraduate Systems Programming Laboratory (RBC# 3104)			80,000	
(3) Remodeling of Computer Sciences Undergraduate Systems Programming Laboratory (RBC# 3105)			2,500	
(4) Remodeling in Undergraduate Library for Audio Library (RBC# 3112)			15,000	
(5) Equipment for Undergraduate Library - Audio Library (RBC# 3111)			60,000	
(6) Remodeling in Burdine Hall for Social and Behavioral Sciences (RBC# 3110)			40,000	
(7) Equipment for Zoology Undergraduate Laboratories (RBC# 3109)			46,250	
(8) Equipment for Biomedical Physics Course in Physics Department (RBC# 3108)			46,250	
(9) Equipment for Microbiology Department Undergraduate Laboratories (RBC# 3106)			25,000	
(10) Remodeling of Undergraduate Teaching Laboratories in Microbiology Department (RBC# 3107)			10,000	
(11) Remodeling in Media Learning Center in School of Communication (RBC# 3102)			2,250	
(12) Equipment for Media Learning Center in School of Communication (RBC# 3101)			4,750	
(13) Equipment for Undergraduate Architecture Laboratories (RBC# 3100)			44,000	
(14) Remodeling of Undergraduate Facilities in School of Architecture (RBC# 3099)			8,000	
116. Amount of Transfer - \$76,285.15				
To: Sale and Removal of Buildings I, J, and K, Little Campus (\$34,928.65) Cooling Tower Fire Damage (\$41,356.50)				
From: Capital Improvements (RBC# 3252, 3532)				

<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>AGENCY FUNDS</u>				
<u>Faculty Center</u>				
Reappointment				
Manager, Faculty Center				
117. Laurence K. Hannon	4/1 - 4/30	100	12	\$ 16,906
Previous appointment was at the same rate (RBC# 3260)				

1975 SUMMER SESSION BUDGET AMENDMENTS

First Term (6 weeks): June 1, 1975 - July 15, 1975

Second Term (6 weeks): July 16, 1975 - August 31, 1975

Nine Weeks Courses: June 1, 1975 - July 31, 1975

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF HUMANITIES</u>				
<u>Classics</u>				
Change of Status				
Assistant Professor				
1. Carl A. Rubino (Non-tenure)				
To:	7/16 - 8/31	100	\$ 14,715	\$ 2,453
From:	6/1 - 7/15	100	14,715	2,453
(RBC# 3368)				
Assistant Professor				
2. Richard S. Caldwell (Non-tenure)				
To:	6/1 - 7/15	100	15,369	2,562
From:	7/16 - 8/31	100	15,369	2,562
(RBC# 3370)				
Lecturer				
3. John I. Guion (Non-tenure)				
To:	7/16 - 8/31	100	15,140	2,524
From:	6/1 - 7/15	100	15,140	2,524
(RBC# 3369)				
<u>English</u>				
Appointment				
Professor				
4. Americo Paredes (Tenure)				
	6/1 - 7/15	100	24,366	4,062
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3138, 3189)				
Professor				
5. Ernest Lovell (Tenure)				
	6/1 - 7/15	100	27,416	4,570
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3205, 3190)				
Associate Professor				
6. David A. Wevill (Tenure)				
	6/1 - 7/15	100	17,713	2,952
(RBC# 3390)				
Assistant Professor				
7. Kate Frost (Non-tenure)				
	6/1 - 7/15	100	13,080	2,180
(RBC# 3377)				
Instructor				
8. Roland Huff (Non-tenure)				
	7/16 - 8/31	100	12,136	2,023
(RBC# 3375)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF HUMANITIES (Continued)</u>				
<u>English (Continued)</u>				
Change of Status				
Associate Professor				
9. Karl Ames (Tenure)				
To:	7/16 - 8/31	100	\$ 17,113	\$ 2,853
From:	6/1 - 7/15	100	17,113	2,853
(RBC# 3374)				
Resignation				
Assistant Professor				
10. Carl Wood (Non-tenure)				
Remove from Summer Session Budget.	7/16 - 8/31	100	13,516	2,253
(RBC# 3371)				
Assistant Professor				
11. Mary Flannery (Non-tenure)				
Remove from Summer Session Budget.	7/16 - 8/31	100	14,715	2,453
(RBC# 3373)				
Associate Professor				
12. William L. Nance (Tenure)				
Remove from Summer Session Budget.	7/16 - 8/31	100	15,369	2,562
(RBC# 3372)				
Associate Professor				
13. Anthony C. Hilfer (Tenure)				
Remove from Summer Session Budget.	6/1 - 7/15	100	16,895	2,816
(RBC# 3376)				
<u>French and Italian</u>				
Appointment				
Instructor				
14. William M. Morse (Non-tenure)				
(RBC# 3381)	6/1 - 7/15	100	12,666	2,111
Chairman				
15. Albert D. Sellstrom (Tenure)				
Source of Funds: Transfer	6/1 - 8/31	100	22,566	7,522
from Unallocated Faculty				
Salaries				
Academic Status:				
Professor (French and Italian)				
(RBC# 3349)				
Change of Status				
Assistant Professor				
16. Harold Wylie (Non-tenure)				
To:	6/1 - 7/15	100	15,369	2,562
From:	7/16 - 8/31	100	15,369	2,562
(RBC# 3382)				
Assistant Professor				
17. Mark Long (Non-tenure)				
To:	7/16 - 8/31	100	12,535	2,090
From:	6/1 - 7/15	100	12,535	2,090
(RBC# 3379)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF HUMANITIES (Continued)</u>				
<u>French and Italian (Continued)</u>				
Change of Status				
Associate Professor				
18. Joy M. Potter (Tenure)				
To:	6/1 - 7/15	100	\$ 17,440	\$ 2,907
From:	7/16 - 8/31	100	17,440	2,907
(RBC# 3380)				
Resignation				
Associate Professor				
19. Estelle Trepanier (Tenure)	6/1 - 7/15	100	16,535	2,756
Remove from Summer Session Budget.				
(RBC# 3378)				
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES</u>				
<u>Anthropology</u>				
Appointment				
Assistant Professor				
20. Marcia A. Herndon (Non-tenure)	7/16 - 8/31	100	15,140	2,524
(RBC# 3391)				
Change of Status				
21. John B. Cornell (Tenure)				
To: Chairman	6/1 - 8/31	100	24,286	8,085
From: Professor	7/16 - 8/31	100	24,286	4,048
Chairman	7/16 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries				
(RBC# 3350, 3383)				
<u>Economics</u>				
Appointment				
Assistant Professor				
22. Wilfried Prewo (Non-tenure)	7/16 - 8/31	100	15,260	2,544
(RBC# 3512)				
Change of Status				
Assistant Professor				
23. Vincent J. Geraci (Non-tenure)				
To:	6/1 - 7/15	100	15,805	2,635
From:	7/16 - 8/31	100	15,805	2,635
(RBC# 3385)				
Professor				
24. Clifton M. Grubbs, Jr. (Tenure)				
To:	7/16 - 8/31	100	22,566	3,762
From:	6/1 - 7/15	100	22,566	3,762
(RBC# 3386)				
Resignation				
Assistant Professor				
25. J. L. Weatherby, Jr. (Non-tenure)	7/16 - 8/31	100	16,862	2,811
Remove from Summer Session Budget.				
(RBC# 3387)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES (Continued)</u>				
<u>Economics (Continued)</u>				
Resignation				
Assistant Professor				
26. Charles B. Knapp (Non-tenure)	6/1 - 7/15	100	\$ 16,633	\$ 2,773
Remove from Summer Session Budget. (RBC# 3384)				
<u>Geography</u>				
Change of Status				
27. Robert K. Holz (Tenure)				
To: Chairman	6/1 - 8/31	100	22,566	7,521
From: Professor	6/1 - 7/15	100	22,566	3,762
Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3389,3351)				
Resignation				
Assistant Professor				
28. Katherine P. Burnett (Non-tenure)	7/16 - 8/31	100	16,884	2,815
Remove from Summer Session Budget. (RBC# 3388)				
<u>Government</u>				
Appointment				
Assistant Professor				
29. Lawrence C. Dodd (Non-tenure)	7/16 - 8/31	100	15,260	2,544
(RBC# 3160)				
Professor				
30. Robert L. Hardgrave (Tenure)	7/16 - 8/31	100	19,066	3,178
(RBC# 3159)				
Associate Professor				
31. Richard H. Kraemer (Tenure)	6/1 - 7/15	100	17,113	2,853
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3206, 3188)				
Assistant Professor				
32. Albert K. Karnig (Non-tenure)	7/16 - 8/31	100	15,696	2,617
(RBC# 3158)				
Resignation				
Professor				
33. Oran R. Young (Tenure)	6/1 - 7/15	100	26,176	4,364
Remove from Summer Session Budget. (RBC# 3157)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES (Continued)</u>				
<u>History</u>				
Change of Status				
Associate Professor				
34. Lewis L. Gould (Tenure)				
To:	6/1 - 7/15	100	\$ 18,094	\$ 3,016
From:	6/1 - 7/31	75	18,094	3,016
(RBC# 3149)				
Assistant Professor				
35. Ilse-Nina Bulhof (Non-tenure)				
To:	7/16 - 8/31	100	14,323	2,388
From:	6/1 - 7/15	100	14,323	2,388
(RBC# 3139)				
36. Clarence G. Lasby (Tenure)				
To: Chairman	6/1 - 8/31	100	22,766	7,588
From: Professor	6/1 - 7/15	100	22,766	3,795
Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer From Unallocated Faculty Salaries (RBC# 3352)				
Assistant Professor				
37. Richard Sinkin (Non-tenure)				
To:	6/1 - 7/15	100	14,791	2,466
From:	6/1 - 7/31	75	14,791	2,466
(RBC# 3152)				
Resignation				
Assistant Professor				
38. Richard H. Pells (Non-tenure)	6/1 - 7/15	100	15,478	2,580
Remove from Summer Session Budget. (RBC# 3151)				
Instructor				
39. Jay F. Lohnertz (Non-tenure)	6/1 - 7/15	100	13,276	2,213
Remove from Summer Session Budget. (RBC# 3150)				
<u>Linguistics</u>				
<u>Appointment</u>				
Associate Professor				
40. Carl L. Baker (Tenure)	6/1 - 7/15	100	18,029	3,005
(RBC# 3394)				
Change of Status				
41. Robert T. Harms (Tenure)				
To: Chairman	6/1 - 8/31	100	22,846	7,615
From: Professor	6/1 - 7/15	100	22,846	3,808
Chairman	6/1 - 7/15	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3353, 3393)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES (Continued)</u>				
<u>Psychology</u>				
Change of Status				
42. Philip B. Gough (Tenure)				
To: Chairman	6/1 - 8/31	100	\$ 21,406	\$ 7,135
From: Professor	6/1 - 8/31	100	21,406	7,135
Acting Chairman	7/16 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3304, 3303)				
<u>Sociology</u>				
Appointment				
Instructor				
43. Louise Graham (Non-tenure)	6/1 - 7/15	100	14,094	2,349
Source of Funds: Transfer from Dean's Reserve for Faculty Salaries (RBC# 3396, 3624)				
Change of Status				
44. Louis A. Zurcher, Jr. (Tenure)				
To: Chairman	6/1 - 8/31	100	22,916	7,640
From: Professor	7/16 - 8/31	100	22,916	3,820
Acting Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3397, 3305)				
Professor				
45. Daniel O. Price (Tenure)				
To:	7/16 - 8/31	100	33,566	5,595
From:	6/1 - 7/15	100	33,566	5,595
(RBC# 3398)				
Resignation				
Assistant Professor				
46. Barbara J. Chance (Non-tenure)	6/1 - 7/15	100	13,625	2,271
Remove from Summer Session Budget. (RBC# 3395)				
<u>COLLEGE OF NATURAL SCIENCES</u>				
<u>Division of Biological Sciences</u>				
Appointment				
Instructor				
47. Alice G. Reinartz (Non-tenure)	7/16 - 8/31	100	11,726	1,954
(RBC# 3400)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF NATURAL SCIENCES</u> (Continued)				
<u>Division of Biological Sciences</u> (Continued)				
Change of Status				
48. Clark Hubbs (Tenure)				
To: Chairman	6/1 - 7/31	---	\$ ---	\$ ---
	8/1 - 8/31	100	23,766	2,641
From: Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries				
Academic Status: Professor (Zoology) (RBC# 3302)				
Resignation				
Instructor				
49. Keith Owen (Non-tenure)				
	7/16 - 8/31	100	13,974	2,329
Remove from Summer Session Budget. (RBC# 3399)				
<u>Chemistry</u>				
Change of Status				
Professor				
50. Stanley Simonsen (Tenure)				
To:	7/16 - 8/31	100	21,826	3,638
From:	6/1 - 8/31	50	21,826	3,638
(RBC# 3401)				
Professor				
51. Royston M. Roberts (Tenure)				
To:	6/1 - 7/15	100	24,356	4,060
From:	7/16 - 8/31	100	24,356	4,060
(RBC# 3511)				
Resignation				
Professor				
52. Philip S. Bailey (Tenure)				
	7/16 - 8/31	100	22,766	3,795
Remove from Summer Session Budget. (RBC# 3402)				
Assistant Professor				
53. Stephen F. Martin (Non-tenure)				
	6/1 - 7/15	100	14,715	2,453
Remove from Summer Session Budget. (RBC# 3403)				
<u>Home Economics</u>				
Appointment				
Instructor				
54. Peggy W. Shiever (Non-tenure)				
	6/1 - 7/15	100	11,026	1,838
(RBC# 3405)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Home Economics (Continued)</u>				
Change of Status				
55. Mary Ellen Durrett (Tenure)				
To: Chairman	6/1 - 8/31	100	\$ 30,006	\$10,002
From: Professor	6/1 - 7/15	100	30,006	5,002
Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3404, 3357)				
<u>Home Economics and Chemistry</u>				
Change of Status				
Associate Professor				
56. Roseann L. Shorey (Tenure)				
To: Home Economics	6/1 - 8/31	50	17,658	2,944
Chemistry	6/1 - 8/31	50	17,658	2,944
From: Home Economics	6/1 - 7/15	100	17,658	2,944
Chemistry	7/16 - 8/31	100	17,658	2,944
(RBC# 3509, 3510)				
<u>Mathematics</u>				
Appointment				
Professor				
57. R. H. Bing (Tenure)				
	6/1 - 6/15	100	42,926	2,385
	8/16 - 8/31	100	42,926	2,385
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3241, 3242, 3186)				
<u>Microbiology</u>				
Change of Status				
58. L. Joe Berry (Tenure)				
To: Chairman	6/1 - 8/31	100	33,726	11,242
From: Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries				
Academic Status: Professor (Microbiology) (RBC# 3356)				
Resignation				
Assistant Professor				
59. Arnold S. Rubin (Non-tenure)				
	7/16 - 8/31	100	15,260	2,544
Remove from Summer Session Budget. (RBC# 3306)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Physics</u>				
Change of Status				
60. Thomas A. Griffy (Tenure)				
To: Chairman	6/1 - 8/31	100	\$ 23,066	\$ 7,689
From: Professor	6/1 - 7/15	100	23,066	3,845
Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3307, 3355)				
<u>DIVISION OF GENERAL AND COMPARATIVE STUDIES</u>				
<u>Comparative Studies</u>				
Appointment				
Stiles Professor				
61. Ralph J. Kaufman (Tenure)	6/1 - 7/15	100	34,766	5,795
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3208, 3187)				
<u>Center for Middle Eastern Studies</u>				
Appointment				
Associate Professor				
62. Najm A. K. Bezirgan (Tenure)	6/1 - 7/15	100	18,421	3,071
(RBC# 3154)				
Resignation				
Professor				
63. Robert A. Fernea (Tenure)	6/1 - 7/15	100	23,886	3,982
Remove from Summer Session Budget. (RBC# 3153)				
<u>COLLEGE OF BUSINESS ADMINISTRATION</u>				
<u>Accounting</u>				
Change of Status				
64. Kermit D. Larson (Tenure)				
To: Chairman	6/1 - 8/31	100	23,366	7,790
From: Professor	7/16 - 8/31	100	23,366	3,895
Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3156, 3354)				
Resignation				
Assistant Professor				
65. Robert A. Ashton (Non-tenure)	6/1 - 7/15	100	16,895	2,816
Remove from Summer Session Budget. (RBC# 3309)				
Assistant Professor				
66. Edward Deakin (Non-tenure)	6/1 - 7/15	100	17,440	2,907
Remove from Summer Session Budget. (RBC# 3311)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF BUSINESS</u>				
<u>ADMINISTRATION (Continued)</u>				
<u>Accounting (Continued)</u>				
Resignation				
Associate Professor				
67. Barry Cushing (Tenure)	6/1 - 7/15	100	\$ 19,066	\$ 3,178
Remove from Summer Session Budget. (RBC# 3308)				
Assistant Professor				
68. Allan H. Bizzell (Non-tenure)	7/16 - 8/31	100	16,895	2,816
Remove from Summer Session Budget. (RBC# 3310)				
Assistant Professor				
69. Michael L. Moore (Non-tenure)	7/16 - 8/31	100	17,876	2,980
Remove from Summer Session Budget. (RBC# 3312)				
Professor				
70. Edward L. Summers (Tenure)	7/16 - 8/31	100	22,566	3,762
Remove from Summer Session Budget. (RBC# 3313)				
Assistant Professor				
71. Lawrence Tomassini (Non-tenure)	6/1 - 7/15	100	16,895	2,816
Remove from Summer Session Budget (RBC# 3316)				
Professor				
72. Thomas H. Williams (Tenure)	6/1 - 7/15	100	26,766	4,462
Remove from Summer Session Budget. (RBC# 3314)				
Assistant Professor				
73. David Wilson (Non-tenure)	6/1 - 7/15	100	17,440	2,907
Remove from Summer Session Budget. (RBC# 3315)				
<u>General Business</u>				
Change of Status				
74. William J. Lord, Jr. (Tenure)				
To: Chairman	6/1 - 8/31	100	23,066	7,690
From: Professor	6/1 - 7/15	100	23,066	3,845
Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3358)				
Instructor				
75. Carol D. Lutz (Non-tenure)				
To:	6/1 - 7/15	100	11,126	1,855
From:	7/16 - 8/31	100	11,126	1,855
(RBC# 3317)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF BUSINESS</u>				
<u>ADMINISTRATION(Continued)</u>				
<u>Management</u>				
Change of Status				
Associate Professor				
76. Isadore B. Helburn (Tenure)				
To:	6/1 - 7/15	100	\$ 18,661	\$ 3,111
From:	7/16 - 8/31	100	18,661	3,111
(RBC# 3319)				
77. Elizabeth Lanham (Tenure)				
To: Chairman	6/1 - 8/31	100	23,566	7,855
From: Professor	6/1 - 7/15	100	23,566	3,928
Chairman	6/1 - 7/15	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3359)				
Resignation				
Associate Professor				
78. Timothy W. Ruefli (Tenure)	7/16 - 8/31	100	19,966	3,328
Remove from Summer Session Budget. (RBC# 3318)				
Associate Professor				
79. Brian E. Moore (Tenure)	6/1 - 7/15	100	18,748	3,125
Remove from Summer Session Budget. (RBC# 3322)				
Professor				
80. Kenneth E. Knight (Tenure)	6/1 - 7/15	100	21,966	3,662
Remove from Summer Session Budget. (RBC# 3320)				
Associate Professor				
81. James Fitzsimmons (Tenure)	7/16 - 8/31	100	18,094	3,016
Remove from Summer Session Budget. (RBC# 3321)				
<u>COLLEGE OF EDUCATION</u>				
<u>Curriculum and Instruction</u>				
Appointment				
Professor				
82. James L. Kinneavy (Tenure)	7/16 - 8/31	89	20,266	3,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3185, 3207)				
Professor				
83. John G. Bordie (Tenure)	7/16 - 8/31	100	19,566	3,262
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3326, 3625)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF EDUCATION</u> (Continued)				
<u>Curriculum and Instruction</u> (Continued)				
Change of Status				
Assistant Professor				
84. Walter J. Lamberg (Non-tenure)				
To:	6/1 - 8/31	100	\$ 13,080	\$ 4,360
From:	7/16 - 8/31	100	13,080	2,180
(RBC# 3330)				
Assistant Professor				
85. Charles R. Kline, Jr. (Non-tenure)				
To:	6/1 - 8/31	100	15,260	5,086
From:	6/1 - 7/15	100	15,260	2,544
(RBC# 3329)				
Professor				
86. Thomas D. Horn (Tenure)				
To:	6/1 - 7/15	100	26,696	4,449
From:	6/1 - 8/31	100	26,696	8,898
(RBC# 3327)				
Assistant Professor				
87. Judith R. Marrou (Non-tenure)				
To:	7/16 - 8/31	100	13,080	2,180
From:	6/1 - 7/15	100	13,080	2,180
(RBC# 3323)				
88. William A. Bennie (Tenure)				
To: Chairman	6/1 - 8/31	100	24,566	8,188
From: Professor	6/1 - 8/31	100	24,566	8,188
Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3328, 3360)				
Resignation				
Associate Professor				
89. Mark W. Seng (Tenure)				
	7/16 - 8/31	100	17,440	2,907
Remove from Summer Session Budget. (RBC# 3324)				
<u>Educational Psychology</u>				
Change of Status				
90. Jackson B. Reid (Tenure)				
To: Chairman	6/1 - 8/31	100	28,566	9,522
From: Professor	7/16 - 8/31	100	28,566	4,762
Chairman	7/16 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3361, 3362)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF EDUCATION (Continued)</u>				
<u>Educational Psychology (Continued)</u>				
Resignation				
Assistant Professor				
91. Wilson A. Judd (Non-tenure)	6/1 - 7/15	100	\$ 16,034	\$ 2,673
Remove from Summer Session Budget. (RBC# 3331)				
<u>COLLEGE OF ENGINEERING</u>				
<u>Aerospace Engineering and Engineering Mechanics - Engineering Mechanics Division</u>				
Resignation				
Assistant Professor				
92. Henry J. Petrowski (Non-tenure)	6/1 - 8/31	100	15,369	5,122
Remove from Summer Session Budget. (RBC# 3332)				
<u>Chemical Engineering</u>				
Change of Status				
93. David M. Himmelblau (Tenure)				
To: Chairman	6/1 - 8/31	100	25,316	8,439
From: Professor	6/1 - 8/31	50	25,316	4,220
Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3333, 3363)				
<u>Electrical Engineering</u>				
Appointment				
Assistant Professor				
94. Eldon W. Husband (Non-tenure)	6/1 - 8/31	50	14,170	2,362
(RBC# 3337)				
Change of Status				
Instructor				
95. James W. McKee (Non-tenure)				
To:	6/1 - 8/31	100	12,026	4,010
From:	6/1 - 8/31	50	12,026	2,005
(RBC# 3334)				
Professor				
96. Alfred H. LaGrone (Tenure)				
To:	6/1 - 8/31	100	25,776	8,594
From:	6/1 - 8/31	50	25,776	4,297
(RBC# 3338)				
Assistant Professor				
97. Richard K. Lennington (Non-tenure)				
To:	6/1 - 8/31	100	14,170	4,724
From:	6/1 - 8/31	50	14,170	2,362
(RBC# 3238)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF ENGINEERING</u> (Continued)				
<u>Electrical Engineering</u> (Continued)				
Change of Status				
98. Herbert H. Woodson (Tenure)				
To: Chairman	6/1 - 8/31	100	\$ 36,566	\$12,189
From: Chairman	6/1 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries				
Academic Status: Professor (Electrical Engineering) and (Chemical Engineering) (RBC# 3364)				
Resignation				
Professor				
99. Terry J. Wagner (Tenure)	6/1 - 8/31	50	20,436	3,407
Remove from Summer Session Budget. (RBC# 3336)				
Assistant Professor				
100. Michael F. Becker (Non-tenure)	6/1 - 8/31	50	15,140	2,524
Remove from Summer Session Budget. (RBC# 3240)				
Associate Professor				
101. Robert H. Flake (Tenure)	6/1 - 8/31	50	18,704	3,118
Remove from Summer Session Budget. (RBC# 3236)				
Professor				
102. William H. Hartwig (Tenure)	6/1 - 8/31	50	22,886	3,815
Remove from Summer Session Budget. (RBC# 3239)				
Assistant Professor				
103. Edward W. Thompson (Non-tenure)	6/1 - 8/31	50	15,718	2,620
Remove from Summer Session Budget. (RBC# 3235)				
Associate Professor				
104. Edward J. Wagner (Tenure)	6/1 - 8/31	50	15,140	2,524
Remove from Summer Session Budget. (RBC# 3233)				
Associate Professor				
105. Rodger M. Walser (Tenure)	6/1 - 8/31	50	20,006	3,335
Remove from Summer Session Budget. (RBC# 3234)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>COLLEGE OF FINE ARTS</u>				
<u>Art</u>				
Appointment				
Assistant Professor				
106. James L. Wyatt (Non-tenure)	7/16 - 8/31	100	\$ 12,808	\$ 2,134
Source of Funds: Transfer from Dean's Reserve for Faculty Salaries (RBC# 3339, 3626)				
Change of Status				
107. Kenneth W. Prescott (Tenure)				
To: Chairman	6/1 - 8/31	100	33,566	11,190
From: Professor	7/16 - 8/31	100	33,566	5,595
Chairman	7/16 - 8/31	---	---	---
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 3365)				
<u>SCHOOL OF LAW</u>				
Appointment				
Lecturer				
108. Cicily J. Simms (Non-tenure)	6/1 - 7/15	100	17,440	2,907
(RBC# 3347)				
Visiting Professor				
109. Robert L. Bard (Non-tenure)	6/1 - 7/15	100	27,566	4,595
(RBC# 3340)				
Thomas Watt Gregory Professor				
110. Bernard J. Ward (Tenure)	7/16 - 8/31	100	33,066	5,512
(RBC# 3346)				
Change of Status				
Assistant Professor				
111. Patricia A. Cain (Non-tenure)				
To:	6/1 - 7/15	100	18,530	3,089
From:	7/16 - 8/31	100	18,530	3,089
(RBC# 3342)				
Professor				
112. James M. Treece (Tenure)				
To:	6/1 - 7/15	100	29,266	4,879
From:	7/16 - 8/31	100	29,266	4,879
(RBC# 3343)				
Resignation				
Professor				
113. Lucas A. Powe, Jr. (Tenure)	7/16 - 8/31	100	22,666	3,778
Remove from Summer Session Budget. (RBC# 3341)				
Professor				
114. Joseph H. Wilkinson, Jr. (Tenure)	6/1 - 7/15	100	32,566	5,429
Remove from Summer Session Budget. (RBC# 3345)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>% Time</u>	<u>Academic Rate</u>	<u>Summer Stipend</u>
<u>SCHOOL OF LAW (Continued)</u>				
Resignation				
Assistant Professor				
115. Rex R. Perschbacher (Non-tenure)	6/1 - 7/15	100	\$ 19,566	\$ 3,262
Remove from Summer Session Budget. (RBC# 3344)				
<u>GRADUATE SCHOOL OF SOCIAL WORK</u>				
Appointment				
Lecturer				
116. Herman Steingraph (Non-tenure)	6/1 - 7/31	---	(19,566)	---
Concurrent Employment:			<u>Full-time Salary</u>	
Graduate School of Social Work			No.	
Senior Research Associate			<u>Mos.</u>	<u>Rate</u>
for Program Design			12	\$24,000
(RBC# 3155)				
Change of Status				
Associate Professor				
117. Donald J. Blashill (Tenure)				
To:	7/16 - 8/31	100	18,367	3,062
From:	6/1 - 7/15	100	18,367	3,062
(RBC# 3348)				

1974-75 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. Jerry W. Breeze Library	Library Assistant	Librarian, Special Collections, Cataloging Department (Temporary)	
Salary Rate (RBC# 3269)	\$ 6,588	\$ 10,984	4/14/75
2. James W. Marchak Computation Center	Computer Programmer Assistant II (1/4T)	Computer Programmer I (1/4T)	
Salary Rate Source of Funds: Revolving Funds (RBC# 3163)	\$ 9,528	\$ 12,384	3/19/75
3. Roy R. VanCleve Center for the Study of Human Resources	Social Science Research Associate II	Social Science Research Associate IV	
Salary Rate Source of Funds: U. S. Department of Labor Contract (RBC# 3251)	\$ 10,908	\$ 15,276	4/1/75

THE UNIVERSITY OF TEXAS AT AUSTINOther Fiscal Items:Schedule of Additional or Changes in
Funding of Construction Projects

<u>Project Number</u>	<u>Project Title</u>	<u>Source of Funds</u>		<u>Amount</u>
		<u>From</u>	<u>To</u>	
102-199	Aquatic Center (transfer from Project 102-270)		PUF	\$30,000.00
102-270	East Campus Site Development (Transfer to Project 102-199)	PUF		\$30,000.00
102-47	Campus Development - West		PUF	8,000.00
102-306	Robert Lee Moore Hall Addition		IOP	29,000.00

Legend:

PUF - Permanent University Fund Bond Proceeds
IOP - Interest on Proceeds



THE UNIVERSITY OF TEXAS AT DALLAS

OFFICE OF THE PRESIDENT

May 8, 1975

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June ~~8~~⁵, 1975 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, reading 'Bryce Jordan'.

Bryce Jordan
President

BJ:jwm
Attachment

THE UNIVERSITY OF TEXAS AT DALLAS

GIFTS

DLF

The following gift has been received. I recommend acceptance by the Board.

<u>DONOR</u>	<u>PURPOSE AND CONDITIONS</u>	<u>AMOUNT</u>
1. Leland Fikes Foundation, Inc.	Support of the Faculty Relocation Fund	\$10,000

ABSENCE FROM USUAL AND REGULAR DUTIES

F

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. Dr. C. B. Collins for the period April 11, 1975 through May 11, 1975. He will travel to Paris for the purpose of presenting original research before the 1st International Conference on Multiphoton Process. This is an invited Conference and will provide the opportunity to collect state-of-the-art information for the improvement of UTD courses in Laser Physics - Dates: April 14-22. He will also travel to the Institute of Physics of Bucharest for the purpose of conducting collaborative research required by our \$274,950 NSF Grant. Dates: April 23-May 9. No state funds are involved.
2. Dr. Brian A. Tinsley for the period May 7, 1975 through May 21, 1975 to travel to Lima, Peru to make scientific observations in accordance with conditions of NSF grant, Tropical, Mid-Latitude and High Latitude Studies. No state funds are involved.
3. Dr. Francis S. Johnson for the period May 15, 1975 through June 20, 1975. Travel to Varna, Bulgaria to attend SCOSTEP meeting and COSPAR meeting; to Vienna to attend SCOSTEP Bureau meeting; and to Washington, D.C. to attend AGU meeting. No state funds are involved.

ACADEMIC AND BUSINESS CONTRACTS AND AGREEMENTS

DLF

I recommend ratification of the following:

1. Amendment signed by Vice President for Business Affairs, S. C. Fallis, whereby Western Electric authorizes The University of Texas to use the UNIX Software at an additional location.
2. Agreement signed by Vice President for Business Affairs, S. C. Fallis, whereby The University of Texas at Dallas agrees to participate in the loan program administered by the Pennsylvania Higher Education Assistance Agency.

THE UNIVERSITY OF TEXAS AT DALLAS

D + F

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL)

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

1. Agency: Reserve Mining Company
 Grant No.: UTD Control No. 08-75 (UTD E1050-01)
 Principal
 Investigator: G. Fred Lee
 New Funds: \$12,000
 Date: January 1, 1975 through December 31, 1975
 Description: Environmental Sciences Research Activities
 County of
 Expenditure: Dallas/Collin

2. Agency: Alfred P. Sloan Foundation
 Grant No.: BR-1702 (UTD E1376-01)
 Principal
 Investigator: Stephen M. Curry
 New Funds: \$19,962
 Date: September 16, 1975 through September 15, 1977
 Description: Alfred P. Sloan Research Fellowship for Dr. Stephen M. Curry,
 in Physics
 County of
 Expenditure: Dallas/Collin

dl + F

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)

BOARD OF REGENTS MEETING - JUNE 5, 1975

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 Assistant Director of the Center for Advanced Studies.

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: Biomedical Sciences Support Program, DHEW
 Grant No.: 5 S05 RR07133-06 (UTD E1667-06)
 Principal
 Investigator: C. S. Rupert
 New Funds: \$26,463
 Date: June 1, 1975 through May 31, 1976
 Description: Biomedical Sciences Support Grant
 County of
 Expenditure: Dallas/Collin

2. Agency: Corps of Engineers, Department of the Army
 Contract No.: DACW64-75-C-0071 (UTD E1374)
 Principal
 Investigator: G. F. Lee
 New Funds: \$81,355
 Date: March 10, 1975 through August 7, 1975
 Description: Investigation of Water Quality Parameters and Physio-Chemical
 Sediment Parameters at the Offshore Disposal Site at Galveston,
 Texas
 County of
 Expenditure: Dallas/Collin

3. Agency: National Aeronautics and Space Administration
 Contract No.: NSR 44-004-041, Modification No. 12 (UTD E1463)
 Principal
 Investigator: W. J. Heikkila
 New Funds: \$12,104.29
 Date: January 1, 1966 through June 30, 1971
 Description: Develop Payloads for Systemic Study of Auroral Zone Disturbances
 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

4. Agency: National Aeronautics and Space Administration Headquarters
 Grant No.: NGL 44-004-130, Supplement No. 3 (UTD E1306)
 Principal
 Investigator: F. S. Johnson
 New Funds: \$200,000
 Date: April 1, 1975 through March 31, 1978
 Description: Research in Space Science and Technology
 County of
 Expenditure: Dallas/Collin
5. Agency: National Aeronautics and Space Administration Headquarters
 Grant No.: NSG-7034, Supplement No. 1 (UTD E1347)
 Principal
 Investigator: R. R. Hodges, Jr.
 New Funds: \$35,000
 Date: April 1, 1975 through March 31, 1976
 Description: Investigation of the Daytime Lunar Atmosphere
 County of
 Expenditure: Dallas/Collin
6. Agency: National Aeronautics and Space Administration
 Goddard Space Flight Center
 Contract No.: NAS 5-11407, Modification No. 13 (UTD E1677)
 Principal
 Investigator: W. B. Hanson
 New Funds: \$48,000
 Date: April 6, 1971 through June 30, 1975
 Description: Atmosphere Explorer Planar Ion Trap Experiment
 County of
 Expenditure: Dallas/Collin
7. Agency: National Institute of Alergy and Infectious Disease, DHEW
 Grant No.: 9 RO1 AI12253-07A1 (UTD E1371)
 Principal
 Investigator: D. J. McCorquodale
 New Funds: None
 Date: January 1, 1975 through December 31, 1975
 Description: Regulatory Mechanisms of Viral Infections
 County of
 Expenditure: Dallas/Collin
8. Agency: National Institute of Arthritis, Metabolism and Digestive
 Diseases, DHEW
 Grant No.: 5 RO1 AM16947-02 (UTD E1343-02)
 Principal
 Investigator: A. D. Sherry
 New Funds: \$18,931
 Date: April 1, 1975 through March 31, 1976
 Description: Lanthanide Ions as Spectroscopic Rulers in Con A
 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

9. Agency: National Institute of General Medical Sciences, DHEW
 Grant No.: 5 RO1 GM15142-07 (UTD E1606-07)
 Principal
 Investigator: Hans Bremer
 New Funds: \$44,703
 Date: April 1, 1975 through March 31, 1976
 Description: In Vitro Synthesis of RNA
 County of
 Expenditure: Dallas/Collin
10. Agency: National Institute of General Medical Sciences, DHEW
 Grant No.: 5 RO1 GM16547-10 (UTD E1455-10)
 Principal
 Investigator: C. S. Rupert
 New Funds: \$56,099
 Date: March 1, 1975 through February 29, 1976
 Description: Repair of Radiation-Damaged Nucleic Acid
 County of
 Expenditure: Dallas/Collin
11. Agency: National Science Foundation
 Grant No.: DES71-00555, Amendment A02 (UTD E1697-03)
 Principal
 Investigator: W. B. Hanson/P. J. McClure
 New Funds: \$47,000
 Date: November 1, 1971 through September 30, 1976
 Description: Ionospheric Irregularities
 County of
 Expenditure: Dallas/Collin
12. Agency: National Science Foundation
 Grant No.: DES74-03082, Amendment A02 (UTD E1338-02)
 Principal
 Investigator: W. B. Hanson/H. C. Carlson
 New Funds: \$65,900
 Date: February 1, 1974 through July 31, 1976
 Description: Upper Atmospheric Studies Using Combined Incoherent Scatter,
 Photometric, and Satellite Borne Measurements
 County of
 Expenditure: Dallas/Collin
13. Agency: National Science Foundation
 Grant No.: DES75-03985 (UTD E1376)
 Principal
 Investigator: D. M. Klumpar/W. J. Heikkila/J. D. Winningham
 New Funds: \$67,300
 Date: April 1, 1975 through September 30, 1977
 Description: Magnetosphere-Ionosphere Coupling Studies Using the ISIS Polar
 Orbiting Satellites
 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS
AMENDMENTS TO THE 1974/75 OPERATING BUDGET
 BOARD OF REGENTS MEETING - JUNE 5, 1975

no

GENERAL ADMINISTRATION

Planning and Management Systems

1. Transfer of Funds

Amount of Transfer - \$ 2,250

From:	Classified Salaries	\$ 2,250
To:	Maintenance and Operation	\$ 1,500
	Staff Services	750

To provide for the costs associated with production of a policy and procedure manual. (D138)

Personnel

2. Transfer of Funds

Amount of Transfer - \$ 2,515

From:	General Administration Miscellaneous Expense-Lump Sum, Maintenance and Operation	\$ 2,515
To:	Classified Salaries	\$ 2,515

To provide for the continuation of a clerk position. (D150)

GENERAL INSTITUTIONAL

Development and University Relations

3. Transfer of Funds

Amount of Transfer - \$ 156

From:	Travel	\$ 156
To:	Classified Salaries	\$ 156

To provide funds to move employee out of trainee status. (D140)

Official Publications

4. Transfer of Funds

Amount of Transfer - \$ 5,000

From:	Unallocated General Funds Capital Outlay	\$ 5,000
To:	Maintenance and Operation	\$ 5,000

To provide for additional printing of the Undergraduate Catalog. (D135)

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1974/75 OPERATING BUDGET (continued)RESIDENT INSTRUCTIONOffice of Executive Dean for Graduate Studies

5. Transfer of Funds

Amount of Transfer - \$ 1,387

From: Maintenance and Operation \$ 1,387

To: Administrative and Professional Salaries \$ 1,387

To provide for the return of Patrick L. Odell full time to the position of Executive Dean of Graduate Studies for the period 5/01/75 thru 5/31/75. (D149)

Graduate Program in Mathematical Science

6. Appoint Joe V. Petty, Lecturer without tenure, to the Graduate Program in Mathematical Science, 25% time for the period 3/01/75 thru 5/31/75, academic salary rate \$8,000. Funds for this appointment available from Faculty Salaries. (D137)

ORGANIZED RESEARCHInstitute for Management Science

7. Transfer of Funds

Amount of Transfer - \$ 390

From: Graduate Program in Management and Administrative Science Classified Salaries \$ 390

To: Classified Salaries \$ 390

To provide for upgrading Clerk Typist position to Secretary II position. (D139)

Institute for Physical Science

8. Transfer of Funds

Amount of Transfer - \$ 10,000

From: Unallocated Resident Instruction Computer Services \$ 10,000

To: Computer Services \$ 10,000

To provide additional computing services for the Institute for Physical Science. (D148)

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1974/75 OPERATING BUDGET (Continued)PHYSICAL PLANT

9. Transfer of Funds

Amount of Transfer - \$ 29,405

From:	Other Utilities - Maintenance & Operation	\$	500
	Custodial Services - Maintenance & Operation		5,145
	Miscellaneous Expense - Lump Sum - Wages		4,000
	Unallocated Physical Plant - Wages		19,760
To:	Physical Plant Administration - Classified Salaries	\$	14,450
	Custodial Services - Wages		9,645
	Physical Plant - Administration - Wages		5,310

To provide for the establishment of additional classified and custodial position required to prepare for the opening of the Phase II facilities. (D136, D141)

UNIVERSITY LIBRARYLibrary Administration

10. Transfer of Funds

Amount of Transfer - \$ 4,000

From:	Classified Salaries	\$	4,000
To:	Computer Services	\$	4,000

To provide additional computing services for the University Library. (D143)

CONTRACTS AND GRANTSInstitute for Environmental Science

11. Appoint Farida Y. Saleh, Research Scientist, Class Code 1000, to the Institute for Environmental Science, 100% time for the period 4/20/75 thru 8/31/75, annual salary rate \$15,000. Funds for this appointment available from the Institute for Environmental Science Contracts and Grants. (D152)

Institute for Mathematical Science

12. Reappoint John W. Van Ness, Research Scientist, Class Code 1000, to the Institute for Mathematical Sciences, 50% time for the period 6/01/75 thru 7/31/75 (during which time he is appointed 50% time to the Summer Faculty Roster) and 100% time for the period 8/01/75 thru 8/31/75, annual salary rate \$28,692. Funds for this appointment are available from the Institute for Mathematical Sciences Contracts and Grants. (D151)

Institute for Molecular Biology

13. Revise appointment of Harold Werbin, Research Scientist, Class Code 1000, from 73% time contracts and grants for the period 6/01/75 thru 8/31/75, to 100% time contracts and grants for the period 6/01/75 thru 7/31/75 and 25% time for the period 8/01/75 thru 8/31/75, annual salary rate \$26,496. Dr. Werbin's time for the month of August is 75% time in the Summer Faculty Roster. (D145)

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1974/75 OPERATING BUDGET (continued)CONTRACTS AND GRANTS (continued)Institute for Molecular Biology (continued)

14. Revise appointment of Donald M. Gray, Research Scientist, Class Code 1000, from 51% time contracts and grants for the period 6/01/75 thru 8/31/75, to 100% time contracts and grants for the period 6/01/75 thru 7/31/75, annual salary rate \$21,276. Dr. Gray's time for the month of August is 100% in the Faculty Roster. (D144)

Institute for Physical Science

15. Promote Jose A. Bittencourt from a Laboratory Technical/Research Assistant I, annual salary rate \$5,400, to a Research Engineer/Scientist Associate II, annual salary rate \$12,756, effective 3/20/75 thru 6/30/75. Funds for this promotion available from contracts and grants. (D146)

GIFT FUNDSInstitute for Management Science

16. Reappoint John N. Seward, Lecturer without tenure, to the Institute for Management Science, 61% time for the period 1/16/75 thru 2/20/75, academic salary rate \$8,208. Funds for this appointment available from the Institute for Management Science Contracts and Grants. (D133)
17. Appoint Kenji Londo, Lecturer without tenure, to the Institute for Management Sciences Gift Funds, 25% time for the period 2/21/75 thru 5/31/75, academic salary rate \$7,400. Funds for this appointment available from the Institute for Management Science Gift Funds. (D142)

Graduate Program in Special Education

18. Appoint Edwin Hammer, Assistant Professor, without tenure, to the Graduate Program in Special Education, 100% time for the period 6/01/75 thru 8/31/75, academic salary rate \$16,750. Funds for this appointment available from Gift Funds. (D147)

THE UNIVERSITY OF TEXAS AT EL PASO
El Paso, Texas

May 8, 1975

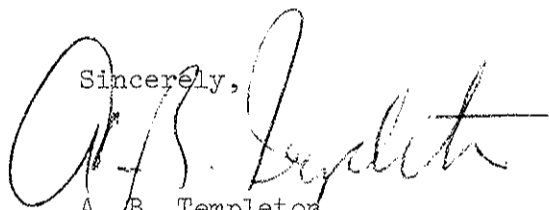
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June 5, 1975 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



A. B. Templeton
President

THE UNIVERSITY OF TEXAS AT EL PASO
Grants, Contracts and Amendments (Federal)
June 5, 1975

d + f

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. Order No. DABT51-75-D-5704, dated March 10, 1975, to Basic Agreement No. DABDO7-71-A-0002, whereby the Contracting Officer, Procurement Division, DIO, P. O. Box 6078, Fort Bliss, Texas 79906, requests that 43 students be enrolled for 279 credit hours in the on-campus program during the Spring Semester, 1975, for which the Government undertakes a total obligation of \$1,656.00. The majority of the expenditures from this award will be made in El Paso County.
2. Modification P0001, dated March 12, 1975, to Order No. DABT51-75-D-0423 to Educational Service Agreement No. DAKF49-74-A-0093, whereby the Contracting Officer, Procurement Division, DIO, P. O. Box 9174, Fort Riley, Kansas 66442, deletes 2 named students and therefore decreases the total estimated amount from \$32,348.00 to \$31,592.00.
3. Modification ONE, dated March 12, 1975, to Contract No. G0254013, whereby the Chief, Section of Contracts, U. S. Department of the Interior, Bureau of Mines, Section of Contracts, Building 20, Denver Federal Center, Denver, Colorado 80225, authorizes a one (1) month no-cost extension, and thereby establishes the termination date as February 1, 1976. No cost is involved.
4. Grant No. ENG75-10641, dated March 14, 1975, whereby the Grants Officer, National Science Foundation, Washington, D. C. 20550, awards \$16,900.00 for "Research Initiation - A Subsonic Gerdien Condenser Experiment for Upper Atmospheric Research" for the period April 1, 1975 through March 31, 1977. The majority of the expenditures from this award will be made in El Paso County.
5. Revision No. 4, dated March 20, 1975, to Grant Number OEG-6-73-1101, whereby the Grants Officer, Department of HEW, Office of Education, Washington, D. C. 20202, awards \$137,504.00 to Upward Bound for the period July 1, 1975 through June 30, 1976. The approved negotiated costs related to the conduct of a summer training program under this project will be allowable and the obligation of funds for same are authorized as of June 1, 1975. The majority of the expenditures from this award will be made in El Paso County.
6. Grant No. NGT 44-085-750, dated March 31, 1975, whereby the Grants Officer, National Aeronautics and Space Administration, Washington, D. C. 20546, awards \$7,000.00 for the purpose of supporting the training of two undergraduate students in the space-related sciences and engineering, during a period of one year, beginning June 1, 1975. The majority of the expenditures from this award will be made in El Paso County.
7. Modification No. P00003, dated April 21, 1975, to Contract No. DAAD07-74-C-0103, whereby the Contracting Officer, Procurement Directorate, STEWS-PR-A, Building 1830, White Sands Missile Range, New Mexico 88002, withdraws temporarily Item B.1 and Item B.2, but shall be returned in June, 1975, and provides \$5,989.00 support for substitutes due to the deletion of Item B.17. The majority of the expenditures from this award will be made in El Paso County.

THE UNIVERSITY OF TEXAS AT EL PASO
Amendments to 1974-75 Operating Budget
 June 5, 1975

EDUCATIONAL AND GENERAL

GENERAL INSTITUTIONAL EXPENSE

Information Services

1. Appoint Russell C. Banks as Photographer I effective March 10 through August 31, 1975, at an annual rate of \$6,816.00 with the necessary funds in the amount of \$3,243.09 to come from Unallocated Salaries - Other. (RBC 457)

Office of Institutional Studies

2. Transfer of Funds:

From: Unallocated Salaries - Other	\$3,300.00
To: Wages	3,300.00
For: Transfer from Unallocated Salaries - Other to allow the department to employ a half-time person to work on the Fact Book for the self study for the Southern Association. (RBC 445)	

RESIDENT INSTRUCTION

COLLEGE OF BUSINESS ADMINISTRATION

Economics and Finance

3. Accept the resignation of Michael J. Roth (non-tenure), Lecturer (1/4 Time), effective March 21, 1975, and lapse to Unallocated Salaries - Faculty \$551.24 and to Due from State Comptroller \$66.20 budgeted for this position. His full-time nine-months rate was \$8,544.00 at January 31, 1975 which was increased to \$9,570.00 at February 1, 1975. (RBC 458)

4. Change the status of Robert N. Chaplin (non-tenure) from Lecturer (1/4 Time) to Lecturer (1/2 Time) effective April 1, 1975 for the remainder of the 1975 Spring Semester, at his full-time nine-months rate of \$9,570.00 with the necessary funds to come from Unallocated Salaries - Faculty in the amount of \$474.66 and from Due from State Comptroller in the amount of \$57.00. His full-time nine-months rate was \$8,544.00 at January 31, 1975 which was increased to \$9,570.00 at February 1, 1975. (RBC 459)

Office of the Dean

5. Transfer of Funds:

From: Unallocated Salaries - Other	\$2,001.60
To: Wages	2,001.60
For: Transfer from Unallocated Salaries - Other to allow the department the use of the funds for hourly assistants who were hired during the leave of absence of the Administrative Assistant. (RBC 442)	

COLLEGE OF EDUCATION

Curriculum and Instruction

6. Appoint Carmen Marquez (non-tenure) as Lecturer (1/2 Time) effective January 16, 1975 for the 1975 Spring Semester, at a full-time nine-months rate of \$8,836.00 with the necessary funds in the amount of \$2,209.00 to come from Unallocated Salaries - Faculty. She will also serve as Lecturer (1/2 Time) in Region XIII-TCIES/SISP Project. (RBC 437)

Educational Psychology and Guidance

7. Transfer of Funds:

From: Maintenance and Operation	\$600.00
To: Wages	600.00
For: Transfer between dissimilar appropriations to allow the department to service its needs more effectively. (RBC 451)	

COLLEGE OF LIBERAL ARTS

Art

8. Change the status of Ellen W. Coogler (non-tenure) from Associate Professor (13/100 Time - Modified Service) to Associate Professor (1/4 Time - Modified Service) effective January 16, 1975 for the 1975 Spring Semester, at her full-time nine-months rate of \$13,752.00 with the necessary additional funds in the amount of \$825.00 to come from Unallocated Salaries - Faculty. (RBC 448)

RESIDENT INSTRUCTION (CONTINUED)
COLLEGE OF LIBERAL ARTS (CONTINUED)
Mass Communication - Radio/Television

9. Appoint Louis H. Valles as Manager, KTEP (12/100 Time) effective February 1 through April 30, 1975, at his full-time annual rate of \$10,848.00 with the necessary funds in the amount of \$312.00 to come from Unallocated Salaries - Other. He will also serve as Manager, KTEP (88/100 Time) in the Corporation for Public Broadcasting Grant. His annual rate was \$9,600.00 at January 31, 1975 which was increased to \$10,848.00 at February 1, 1975. (RBC 461)

10. Appoint Jaime Fraire as Chief Announcer and Assistant to Manager, KTEP (11/100 Time) effective February 1 through April 30, 1975, at his full-time annual rate of \$6,912.00 with the necessary funds in the amount of \$198.00 to come from Unallocated Salaries - Other. He will also serve as Chief Announcer and Assistant to Manager, KTEP (89/100 Time) in the Corporation for Public Broadcasting Grant. His annual rate was \$6,120.00 at January 31, 1975 which was increased to \$6,912.00 at February 1, 1975. (RBC 463)

COLLEGE OF SCIENCE
Geological Sciences

11. Change the status of William S. Strain (non-tenure) from Professor Emeritus (1/8 Time) to Professor Emeritus (1/4 Time) effective January 16, 1975 for the 1975 Spring Semester, at his full-time nine-months rate of \$18,486.00 which was increased from \$16,958.00 at February 1, 1975 with the necessary additional funds to come from Unallocated Salaries - Faculty in the amount of \$1,060.00 and from Due from State Comptroller in the amount of \$85.00. (RBC 453)

GRADUATE SCHOOL
Office of the Dean

12. Appoint John R. Foster (tenure), Associate Professor, as Assistant Dean effective January 1, 1975. He will continue to receive his salary from the Department of Business. (RBC 444)

1975 SUMMER SESSION

13. Approve the following proposed 1975 Summer Session budget in the amount of \$973,136.00 with the funds in the amount of \$795,316.00 to come from the Summer Session appropriation in the 1974-75 Budget, in the amount of \$102,170.54 from Unallocated Salaries - Faculty and in the amount of \$75,649.46 due from State Comptroller under Senate Bill 1.

41THE UNIVERSITY OF TEXAS AT EL PASOEL PASO, TEXAS1975 SUMMER SESSION BUDGET

First Term: June 2 - July 8

Second Term: July 11 - August 15

IDENT INSTRUCTIONCOLLEGE OF BUSINESS ADMINISTRATION

Accounting	\$ 30,797
Business	67,817
Economics and Finance	<u>33,864</u>
Total College of Business Administration	<u>\$132,478</u>

COLLEGE OF EDUCATION

Curriculum and Instruction	\$ 76,960
Educational Psychology and Guidance	50,751
Educational Administration and Supervision	21,056
Health and Physical Education	<u>36,524</u>
Total College of Education	<u>\$185,291</u>

COLLEGE OF ENGINEERING

Civil Engineering	\$ 16,374
Electrical Engineering	19,932
Mechanical and Industrial Engineering	24,682
Metallurgical Engineering	<u>13,958</u>
Total College of Engineering	<u>\$ 74,946</u>

COLLEGE OF LIBERAL ARTS

Art	\$ 22,299
Criminal Justice Program	10,176
Drama and Speech	29,024
English	86,528
History	35,399
Linguistics	17,269
Mass Communication	15,616
Modern Languages	56,733
Music	21,172
Philosophy	15,052
Political Science	43,859
Psychology	28,140
Sociology	<u>42,571</u>
Total College of Liberal Arts	<u>\$423,838</u>

COLLEGE OF SCIENCE

Biological Sciences	\$ 35,865
Chemistry	31,006
Geological Sciences	20,454
Mathematics	46,916
Physics	<u>22,342</u>
Total College of Science	<u>\$156,583</u>

TOTAL 1975 SUMMER SESSION BUDGET	<u>\$973,136</u>
--	------------------

Summary of 1975 Summer Session Budget
(Elements of Institutional Costs)

Summer Session Appropriation in 1974-75 Budget (Page 88)	\$795,316.00
ded: Transfer from Unallocated Faculty Salaries for Long Session	102,170.54
Due from State Comptroller under Senate Bill 1 for Salary Increases	<u>75,649.46</u>
	<u>\$973,136.00</u>
 <u>STUDENT INSTRUCTION</u>	
Faculty Salaries	<u>\$973,136.00</u>

THE UNIVERSITY OF TEXAS AT EL PASO

EL PASO, TEXAS

1975 SUMMER SESSION BUDGET

Supplemental Data
 First Term Second Term

			<u>First Term</u>	<u>Second Term</u>	<u>Total</u>
<u>RESIDENT INSTRUCTION</u>					
<u>COLLEGE OF BUSINESS ADMINISTRATION</u>					
<u>ACCOUNTING</u>					
Professor					
	Fayez S. Nourallah	T	\$ 3,290	\$ --	\$ 3,290
	John G. Pate, Jr.	T	3,380	3,380	6,760
Associate Professor					
	Gerald R. Bovard	T	2,688	2,688	5,376
	F. Brigg Flores	T	3,166	--	3,166
	Edward J. Sanders	T	--	2,508	2,508
Assistant Professor					
	Daniel J. Flaherty		2,619	2,619	5,238
	Janie R. Flynt	T	2,067	--	2,067
Instructor					
	Charles M. Fruithandler		<u>1,196(3/4)</u>	<u>1,196(3/4)</u>	<u>2,392</u>
			<u>\$ 18,406</u>	<u>\$ 12,391</u>	<u>\$ 30,797</u>
<u>BUSINESS</u>					
Professor					
	Allen O. Baylor	T	\$ 3,011	\$ 3,011	\$ 6,022
	Lola B. Dawkins	T	3,011	3,011	6,022
	Everett G. Dillman	T	3,219	3,219	6,438
	Wade J. Hartrick	T	3,011	--	3,011
Associate Professor					
	Lawrence P. Blanchard	T	3,310	3,310	6,620
	John R. Foster	T	3,433	3,433	6,866
	Charles E. Stenicka	T	3,469	3,469	6,938
Assistant Professor					
	Donald K. Freeland	T	2,067	2,067	4,134
	Arthur S. Gifford	T	2,508	2,508	5,016
	Glenn L. Palmore	T	1,435(1/2)	1,436(1/2)	2,871
	Director, Bureau of Business and Economic Research, 1/2 Time				
	Total Salary				
	I. Thomas Sheppard		2,406	--	2,406
	George C. Tompkins	T	2,187	2,187	4,374
	Hector M. Zavaleta		2,307	--	2,307
Lecturer					
	Robert J. Poplar		1,921	1,921	3,842
			533(1/2)	--	533
			--	417(1/2)	417
			<u>\$ 37,828</u>	<u>\$ 29,989</u>	<u>\$ 67,817</u>
<u>ECONOMICS AND FINANCE</u>					
Professor					
	Paul E. Fenlon	T	\$ 3,718	\$ 1,859(1/2)	\$ 5,577
	Paul D. Zook	T	3,469	3,469	6,938
Associate Professor					
	Michael Brand	T	2,568	--	2,568
	Philip Duriez	T	1,496(1/2)	2,991	4,487
	Dilmus D. James	T	1,405(1/2)	2,810	4,215

pplemental Data
 First Term Second Term

			<u>First Term</u>	<u>Second Term</u>	<u>Total</u>
<u>ECONOMICS AND FINANCE (Continued)</u>					
Assistant Professor					
	Weldon C. Neill	T	\$ --	\$ 2,615	\$ 2,615
	Timothy P. Roth	T	2,568	1,284(1/2)	3,852
	Robert D. Tollen		<u>1,204(1/2)</u>	<u>2,408</u>	<u>3,612</u>
			<u>\$ 16,428</u>	<u>\$ 17,436</u>	<u>\$ 33,864</u>
Total College of Business Administration					
			<u>\$ 72,662</u>	<u>\$ 59,816</u>	<u>\$132,478</u>
<u>COLLEGE OF EDUCATION</u>					
<u>CURRICULUM AND INSTRUCTION</u>					
Professor					
	Lou E. Burmeister	T	\$ 3,344	\$ 3,344	\$ 6,688
	Richard W. Burns	T	3,255	3,255	6,510
	Eldon E. Ekwall	T	2,936	2,936	5,872
1,339	Hilmar E. Wagner	T	1,339(1/2)	2,678	4,017
	Professor, Educational Psychology and Guidance, 1/2 Time				
<u>1,339</u>			<u>--</u>		
<u>1,678</u>			<u>\$ 2,678</u>		
Total Salary					
Associate Professor					
	Seth J. Edwards		1,294(1/2)	--	1,294
	Daniel A. Kies	T	2,609	2,609	5,218
	Joe L. Klingstedt	T	2,702	2,702	5,404
	James L. Milson	T	2,589	2,589	5,178
	Luiz F. Natalicio	T	2,913	--	2,913
	John P. Scarbrough	T	2,913	1,457(1/2)	4,370
Assistant Professor					
	Mary L. Aho	T	2,301	1,151(1/2)	3,452
	Stanley E. Ball	T	2,408	2,408	4,816
	Marie E. Barker		2,343	2,343	4,686
--	Tommy J. Boley		--	1,054(1/2)	1,054
	Assistant Professor, English, 1/2 Time				
<u>--</u>			<u>1,054</u>		
<u>--</u>			<u>\$ 2,108</u>		
Total Salary					
	Velma L. Davis	T	--	1,865	1,865
	Florence W. Munn	T	--	1,881	1,881
	Hannah B. Selig	T	960(1/2)	960(1/2)	1,920
	Icle J. Stevens	T	2,011	1,006(1/2)	3,017
Lecturer					
	Gwendolyn H. Lawrence		868(1/2)	1,736	2,604
	Angela J. Schroder		--	868(1/2)	868
Teaching Assistants					
			<u>1,666</u>	<u>1,667</u>	<u>3,333</u>
			<u>\$ 38,451</u>	<u>\$ 38,509</u>	<u>\$ 76,960</u>
<u>EDUCATIONAL PSYCHOLOGY AND GUIDANCE</u>					
Professor					
	James F. Day	T	\$ 2,972	\$ 2,972	\$ 5,944
	Carl Walker	T	2,972	2,972	5,944
1,339	Hilmar E. Wagner	T	1,339(1/2)	--	1,339
	Professor, Curriculum and Instruction				
<u>1,339</u>			<u>2,678</u>		
<u>1,678</u>			<u>\$ 2,678</u>		
Total Salary					
Associate Professor					
	Bonnie S. Brooks	T	2,706	2,706	5,412
	Everett E. Davis	T	2,268	2,268	4,536
	Jimmy R. Walker	T	2,810	2,810	5,620

Supplemental Data
 First Term Second Term

			<u>First Term</u>	<u>Second Term</u>	<u>Total</u>
<u>EDUCATIONAL PSYCHOLOGY AND GUIDANCE (Continued)</u>					
Assistant Professor					
	Jack P. Landrum	T	\$ 2,012	\$ --	\$ 2,012
	Maximino Plata		2,523	2,523	5,046
	Nadine H. Prestwood	T	1,851	1,851	3,702
	Robert L. Slettedahl	T	2,348	2,348	4,696
Lecturer					
	(Visiting)		2,000	2,000	4,000
	Teaching Assistants		<u>1,250</u>	<u>1,250</u>	<u>2,500</u>
			<u>\$ 27,051</u>	<u>\$ 23,700</u>	<u>\$ 50,751</u>
<u>EDUCATIONAL ADMINISTRATION AND SUPERVISION</u>					
Professor					
	William G. Barber	T	\$ 2,913	\$ 2,913	\$ 5,826
Associate Professor					
	Gary D. Brooks	T	3,549	3,549	7,098
	Jose A. Hernandez				
	(Visiting)		798(1/2)	798(1/2)	1,596
	John E. Uxer (Visiting)		1,163(1/2)	1,163(1/2)	2,326
Assistant Professor					
	Ronald J. Barber (Visiting)		798(1/2)	798(1/2)	1,596
.064	Noeline L. Kelly	T	1,064(1/2)	--	1,064
	Assistant Professor, Health and Physical Education, 1/2 Time				
<u>.064</u>					
<u>.128</u>	Total Salary				
	Emmaline Lovitt (Visiting)		--	798(1/2)	798
	James T. Mancill (Visiting)		752(1/2)	--	752
			<u>\$ 11,037</u>	<u>\$ 10,019</u>	<u>\$ 21,056</u>
<u>HEALTH AND PHYSICAL EDUCATION</u>					
Professor					
	Donald H. Hardin	T	\$ 2,933	\$ 2,933	\$ 5,866
	William H. Harris	T	2,933	2,933	5,866
	James G. Mason	T	3,255	1,628(1/2)	4,883
	(Visiting)		1,200	--	1,200
Associate Professor					
	Benny W. Collins	T	2,837	1,419(1/2)	4,256
	Brian J. Kelly	T	2,781	2,781	5,562
Assistant Professor					
	Florence L. Glardon	T	2,268	--	2,268
.064	Noeline L. Kelly	T	1,064(1/2)	--	1,064
	Assistant Professor, Educational Administration and Supervision, 1/2 Time				
<u>.064</u>					
<u>.128</u>	Total Salary				
	Mona H. Loper	T	2,127	--	2,127
	John R. Poteet	T	2,288	1,144(1/2)	3,432
			<u>\$ 23,686</u>	<u>\$ 12,838</u>	<u>\$ 36,524</u>
	Total College of Education		<u>\$100,225</u>	<u>\$ 85,066</u>	<u>\$185,291</u>
<u>COLLEGE OF ENGINEERING</u>					
<u>CIVIL ENGINEERING</u>					
Professor					
	Herbert H. Bartel, Jr.	T	\$ 3,932	\$ 3,932	\$ 7,864
	Paul C. Hassler	T	2,016(3/4)	--	2,016
	William G. Henderson	T	--	2,182(3/4)	2,182

pplemental Data
 first Second
 Term Term

		First Term	Second Term	Total
<u>CIVIL ENGINEERING (Continued)</u>				
Associate Professor				
	Hong S. Oey	T \$ 2,214(3/4)	\$ --	\$ 2,214
	David B. Rozendal	T --	2,098(3/4)	2,098
		<u>\$ 8,162</u>	<u>\$ 8,212</u>	<u>\$ 16,374</u>

ELECTRICAL ENGINEERING

Professor				
	Michael E. Austin	T \$ --	\$ 2,575(3/4)	\$ 2,575
	Julius O. Kopplin	T 3,825	3,825	7,650
	Joseph S. Lambert	T 2,602(3/4)	--	2,602
	Jack Smith	T 2,603(3/4)	--	2,603
Associate Professor				
	Glenn A. Gibson	T 2,331(3/4)	--	2,331
	Joseph H. Pierluissi	T --	2,171(3/4)	2,171
		<u>\$ 11,361</u>	<u>\$ 8,571</u>	<u>\$ 19,932</u>

MECHANICAL AND INDUSTRIAL ENGINEERING

Professor				
	John M. Levosky	T \$ 3,362	\$ 3,362	\$ 6,724
Associate Professor				
	William L. Craver, Jr.	T 2,823	2,823	5,646
	Jack A. Dowdy	T 2,360(3/4)	2,360(3/4)	4,720
Assistant Professor				
	Leland T. Blank	T 2,609	2,609	5,218
Instructor				
	Juan M. Herrera	1,187	1,187	2,374
		<u>\$ 12,341</u>	<u>\$ 12,341</u>	<u>\$ 24,682</u>

METALLURGICAL ENGINEERING

Professor				
	Donald P. Kedzie	T \$ 3,558	\$ 3,558	\$ 7,116
	Frank E. Rizzo	T --	2,414(3/4)	2,414
Associate Professor				
	Walter R. Roser	T 2,214(3/4)	2,214(3/4)	4,428
		<u>\$ 5,772</u>	<u>\$ 8,186</u>	<u>\$ 13,958</u>

Total College of Engineering \$ 37,636 \$ 37,310 \$ 74,946

COLLEGE OF LIBERAL ARTSART

Professor				
	Clarke H. Garnsey	T \$ 3,326	\$ 3,326	\$ 6,652
	Wiltz A. Harrison	T 2,972	--	2,972
Assistant Professor				
	John C. Arnold	T 2,127	--	2,127
	Sally M. Bishop	T 2,108	--	2,108
	Loren G. Janzen	T --	2,108	2,108
	Willette M. Munz	2,289	2,289	4,578
Instructor				
	Richard R. Roehl	--	1,754	1,754
		<u>\$ 12,822</u>	<u>\$ 9,477</u>	<u>\$ 22,299</u>

CRIMINAL JUSTICE PROGRAM

Director

1,458	\$ 1,458	T \$ 1,458(1/2)	\$ 1,458(1/2)	\$ 2,916
		Professor, Political Science, 1/2 Time		
<u>1,458</u>	<u>1,458</u>	Total Salary		
<u>2,916</u>	<u>\$ 2,916</u>			

Supplemental Data

<u>First Term</u>	<u>Second Term</u>		<u>First Term</u>	<u>Second Term</u>	<u>Total</u>
<u>CRIMINAL JUSTICE PROGRAM (Continued)</u>					
Assistant Professor					
		Ernest A. Guinn, Jr.	\$ 2,789	\$ 2,789	\$ 5,578
Lecturer					
		Louis R. Mier	500(1/2)	500(1/2)	1,000
		Gary B. Weiser	341(1/2)	341(1/2)	682
			<u>\$ 5,088</u>	<u>\$ 5,088</u>	<u>\$ 10,176</u>
<u>DRAMA AND SPEECH</u>					
Professor					
		Robert M. Leech	T \$ 4,271	\$ --	\$ 4,271
		Harold N. Williams	T 3,362	3,362	6,724
		Gifford W. Wingate	T 3,108	--	3,108
Associate Professor					
		Joseph A. Perozzi	T 2,829	--	2,829
Assistant Professor					
		Madeline Brand	T 1,941	--	1,941
		Charles L. Etheridge	T 2,168	--	2,168
		Jean H. Miculka	T 2,062	--	2,062
		Albert C. Ronke	T 2,067	--	2,067
		James H. Tucker	T --	2,187	2,187
		Teaching Assistants	--	1,667	1,667
			<u>\$ 21,808</u>	<u>\$ 7,216</u>	<u>\$ 29,024</u>
<u>ENGLISH</u>					
Professor					
		Joseph L. Leach	T \$ 3,397	\$ --	\$ 3,397
		Walter F. Taylor, Jr.	T --	2,936	2,936
		John O. West	T 3,201	--	3,201
Associate Professor					
		Patricia M. Carr	T 2,397	--	2,397
		James M. Day	T 2,870	--	2,870
		James K. Mortensen	T --	2,417	2,417
		Robert E. Richeson	T --	2,688	2,688
		Tony J. Stafford	T 2,909	2,909	5,818
		Jon M. White	T --	2,404	2,404
		Assistant Professor			
--	\$ 1,054	Tommy J. Boley	--	1,054(1/2)	1,054
		Assistant Professor, Curriculum and Instruction, 1/2 Time			
--	<u>1,054</u>	Total Salary			
--	<u>\$ 2,108</u>	Mary L. Collingwood	T 2,334	--	2,334
		Mary E. Corn	T --	1,867	1,867
		John A. Dick	2,114	--	2,114
		Francis A. Ehmann	T --	2,207	2,207
		Robert M. Esch	T 1,006(1/2)	2,012	3,018
		Billie W. Etheridge	T 2,018	2,018	4,036
		Francis L. Fugate	T 2,108	--	2,108
		Philip A. Gallagher	2,108	--	2,108
		Mimi R. Gladstein	T --	2,120	2,120
		Therese M. Hayes	2,004	--	2,004
		Stephen Justice	T 1,868	1,868	3,736
		Paula L. Kiska	T 2,052	2,052	4,104
		William R. Lacey	T 2,207	--	2,207
		Maureen A. Potts	1,969	--	1,969
		Joan P. Quarm	T 2,218	--	2,218
		Lester A. Standiford	2,135	2,135	4,270
		Carlene A. Walker	T 2,012	--	2,012
		Robertta R. Walker	T 2,207	--	2,207
		Dorothy J. White	T 1,810	--	1,810

Supplemental Data

First Term	Second Term		First Term	Second Term	Total
<u>ENGLISH (Continued)</u>					
Instructor					
		Glenda E. Gill	\$ 1,878	\$ 1,878	\$ 3,756
		Deane Mansfield	1,727	--	1,727
		John R. Marshall	2,012	--	2,012
Teaching Assistants					
			935	467	1,402
			<u>\$ 53,496</u>	<u>\$ 33,032</u>	<u>\$ 86,528</u>
<u>HISTORY</u>					
Professor					
		Wayne E. Fuller	T \$ 3,469	\$ --	\$ 3,469
		Oliver H. Knight	T --	3,273	3,273
		John H. McNeely	T 1,385(1/2)	1,385(1/2)	2,770
		Kenneth B. Shover	T 3,030	3,030	6,060
		Wilbert H. Timmons	T 3,397	1,699(1/2)	5,096
Associate Professor					
		John K. Creighton	T 2,609	--	2,609
		Yasuhide Kawashima	T 2,499	--	2,499
Assistant Professor					
		John M. Broaddus	T 1,025(1/2)	2,049	3,074
		Kenton J. Clymer	T 2,108	--	2,108
		David A. Hackett	T 2,207	--	2,207
		Eugene E. Kuzirian	T --	1,144(1/2)	1,144
Instructor					
		Oscar J. Martinez	--	1,090(1/2)	1,090
			<u>\$ 21,729</u>	<u>\$ 13,670</u>	<u>\$ 35,399</u>
<u>LINGUISTICS</u>					
Professor					
		Edward A. Blansitt	T \$ 2,876	\$ --	\$ 2,876
		Raymond E. Past	T 3,344	3,344	6,688
Assistant Professor					
		Eleanor G. Cotton	T 1,007(1/2)	2,013	3,020
		Charles F. Springstead	T --	1,923	1,923
Instructor					
1,762	\$ --	Karen G. Ramirez	1,762(88/100)	--	1,762
250	250	Director, Chicano Studies Program, 12/100 Time Instructor, Sociology, 1/2 Time			
--	1,006	Total Salary			
<u>2,012</u>	<u>\$ 1,256</u>				
Teaching Assistant					
		Wilson Waigwa	500(1/2)	500(1/2)	1,000
			<u>\$ 9,489</u>	<u>\$ 7,780</u>	<u>\$ 17,269</u>
<u>MASS COMMUNICATION</u>					
Assistant Professor					
		Francisco J. Lewels, Jr.	\$ 2,817	\$ 2,817	\$ 5,634
		Luis Perez	T 2,082	2,082	4,164
		John I. Siqueiros	2,909	2,909	5,818
			<u>\$ 7,808</u>	<u>\$ 7,808</u>	<u>\$ 15,616</u>
<u>MODERN LANGUAGES</u>					
H. Y. Benedict Professor					
		Joseph R. Smiley	T \$ 5,661	\$ 5,661	\$ 11,322
Professor					
		George W. Ayer	T --	3,415	3,415

Supplemental Data

First Term	Second Term		First Term	Second Term	Total
<u>MODERN LANGUAGES (Continued)</u>					
Associate Professor					
			\$ --	\$ 2,814	\$ 2,814
		Albert I. Bagby, Jr.			
		Ralph W. Ewton, Jr.	T 2,849	--	2,849
		Diana S. Natalicio	T 2,623	2,623	5,246
		William M. Russell	T 3,011	--	3,011
Assistant Professor					
		Gloria C. Astiazaran	T 2,207	--	2,207
		Jack S. Bailey	T --	2,108	2,108
		Sandra S. Beyer	2,234	--	2,234
		Fred M. Brewer	T --	2,207	2,207
		Ilse H. Irwin	T --	2,088	2,088
		Richard L. Landy	T 2,012	--	2,012
		Arturo Perez	T 2,323	1,162(1/2)	3,485
		Fermin Rodriguez	T 2,334	--	2,334
Instructor					
		Ricardo D. Aguilar	1,838	--	1,838
		V. Emilio Castaneda	--	1,838	1,838
		Fernando Garcia	1,838	1,838	3,676
		Frederick J. Kluck	2,049	--	2,049
			<u>\$ 30,979</u>	<u>\$ 25,754</u>	<u>\$ 56,733</u>
<u>MUSIC</u>					
Professor					
		Olav E. Eidbo	T \$ 1,554(1/2)	\$ --	\$ 1,554
		Richard E. Henderson	T 3,006	--	3,006
		Engebret A. Thormodsgaard	T --	2,952	2,952
Associate Professor					
		Hugh F. Cardon	T 2,448	--	2,448
		Arryl S. Paul	T --	2,375	2,375
Assistant Professor					
		Marcia T. Fountain	T 1,682(3/4)	--	1,682
		Ingeborg Heuser	1,351(3/4)	--	1,351
		Gene R. Lewis	--	2,108(3/4)	2,108
		Vester B. Swingle	T --	2,408	2,408
Instructor					
		C. K. Stribling	1,288(3/4)	--	1,288
			<u>\$ 11,329</u>	<u>\$ 9,843</u>	<u>\$ 21,172</u>
<u>PHILOSOPHY</u>					
Professor					
		John H. Haddox	T \$ 3,380	\$ 3,380	\$ 6,760
Associate Professor					
		William C. Springer	T 2,568	2,568	5,136
Assistant Professor					
		Peter Robinson	T 1,144(1/2)	--	1,144
Instructor					
		Ernest E. Briones	2,012	--	2,012
			<u>\$ 9,104</u>	<u>\$ 5,948</u>	<u>\$ 15,052</u>
<u>POLITICAL SCIENCE</u>					
Professor					
1,458	\$ 1,458	Joseph B. Graves, Jr.	T \$ 1,458(1/2)	\$ 1,458(1/2)	\$ 2,916
		Director, Criminal Justice			
		Program, 1/2 Time			
		Total Salary			
2,916	<u>1,458</u>	Z. Anthony Kruszewski	T 2,909	2,909	5,818
	<u>\$ 2,916</u>	Melvin P. Straus	T 2,816	2,816	5,632

Supplemental Data
 First Term Second Term

First Term Second Term Total

POLITICAL SCIENCE (Continued)

Associate Professor

Charles R. Bath	T	\$ --	\$ 2,538	\$ 2,538
Edward A. Leonard	T	2,849	2,849	5,698
Howard D. Neighbor	T	2,748	2,748	5,496

Assistant Professor

John A. Hovel	T	1,920	1,920	3,840
James W. Lamare	T	2,168	1,084(1/2)	3,252
Thomas J. Price	T	2,207	2,207	4,414

Instructor

Hector H. Galicia		919(1/2)	1,838	2,757
Jose L. Orozco		749(1/2)	749(1/2)	1,498

Associate Director, Inter-
 American Institute, 1/2
 Time

Total Salary

		<u>\$ 20,743</u>	<u>\$ 23,116</u>	<u>\$ 43,859</u>
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749 \$ 749

725 726
1,474 \$ 1,475

PSYCHOLOGY

Professor

Edmund B. Coleman	T	\$ 3,154	\$ 3,154	\$ 6,308
Philip Himelstein	T	3,522	--	3,522

Associate Professor

Guido A. Barrientos	T	2,810	1,405(1/2)	4,215
James V. Devine	T	--	2,810	2,810
Gerald R. Miller	T	--	2,810	2,810
Randolph H. Whitworth	T	2,933	2,933	5,866

Assistant Professor

Ted L. Langford (Visiting)		2,609	--	2,609
		<u>\$ 15,028</u>	<u>\$ 13,112</u>	<u>\$ 28,140</u>

SOCIOLOGY

Professor

Julius Rivera	T	\$ 3,966	\$ 3,966	\$ 7,932
Winfred G. Steglich	T	--	1,868(1/2)	1,868
Ellwyn R. Stoddard	T	3,201	3,201	6,402

Associate Professor

David B. Eyde	T	2,870	2,870	5,740
Paul W. Goodman	T	--	2,609	2,609
Robert S. Hiatt	T	2,669	--	2,669
Richard L. Hough	T	2,681	--	2,681

Instructor

Irving R. Brown		2,207	--	2,207
James E. Hamby, Jr.		1,975	1,975	3,950
Karen G. Ramirez		--	1,006(1/2)	1,006

Instructor, Linguistics,
 88/100 Time
 Director, Chicano Studies
 Program, 12/100 Time

Sarah B. Watley		1,100(1/2)	2,200	3,300
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-- \$ 1,006

1,762 --
250 250
2,012 \$ 1,256

Lecturer

Nathan Zir1		--	2,207	2,207
		<u>\$ 20,669</u>	<u>\$ 21,902</u>	<u>\$ 42,571</u>

Total College of Liberal Arts		<u>\$240,092</u>	<u>\$183,746</u>	<u>\$423,838</u>
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Supplemental Data
 First Term Second Term

		<u>First Term</u>	<u>Second Term</u>	<u>Total</u>
<u>COLLEGE OF SCIENCE</u>				
<u>BIOLOGICAL SCIENCES</u>				
Professor				
	Albert G. Canaris	T \$ 3,825	\$ 3,825	\$ 7,650
	Curtis E. Eklund	T 1,476(1/2)	--	1,476
	Arthur H. Harris	T 2,185(3/4)	2,913	5,098
	Gordon W. Robertstad	T 3,290	3,290	6,580
Associate Professor				
	Peter S. Chrapliwy	T 2,468	2,468	4,936
Assistant Professor				
	Larry P. Jones	--	1,104(1/2)	1,104
	Elizabeth C. Manning	T --	2,168	2,168
	Keith A. Redetzke	1,849(3/4)	--	1,849
Teaching Assistant				
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
		<u>\$ 17,595</u>	<u>\$ 18,270</u>	<u>\$ 35,865</u>
<u>CHEMISTRY</u>				
Professor				
	Harold E. Alexander	T \$ 3,069	\$ 3,069	\$ 6,138
	Leonard S. Levitt	T 3,069	--	3,069
	Cyril Parkanyi	T 3,290	--	3,290
Associate Professor				
	William R. Cabaness	T 2,709	--	2,709
	Winston D. Lloyd	T --	2,870	2,870
	Keith H. Pannell	T --	2,909	2,909
	Keith B. Prater	T 2,810	--	2,810
Assistant Professor				
	Joseph W. Scruggs	T --	2,207	2,207
Teaching Assistant				
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
		<u>\$ 17,449</u>	<u>\$ 13,557</u>	<u>\$ 31,006</u>
<u>GEOLOGICAL SCIENCES</u>				
Professor				
	Jerry M. Hoffer	T \$ 2,913	\$ --	\$ 2,913
	Karl W. Klement	T 3,290	3,290	6,580
Associate Professor				
	Earl M. Lovejoy	T 2,709	--	2,709
	Robert H. Schmidt	T 2,609	--	2,609
Assistant Professor				
	William C. Cornell	T --	2,307	2,307
Teaching Assistant				
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
	_____	417(1/2)	417(1/2)	834
		<u>\$ 13,189</u>	<u>\$ 7,265</u>	<u>\$ 20,454</u>

Supplemental Data
 First Term Second Term

		First Term	Second Term	Total
<u>MATHEMATICS</u>				
Professor				
	Delmar L. Boyer	T \$ 1,476(1/2)	\$ --	\$ 1,476
	William J. Leahey	T 1,797(1/2)	--	1,797
Associate Professor				
	Charles H. Gladman	T --	1,385(1/2)	1,385
	Carl E. Hall	T 1,628(1/2)	1,628(1/2)	3,256
	James E. Nymann	T 2,949	2,949	5,898
	Frederick B. Strauss	T 1,457(1/2)	1,457(1/2)	2,914
Assistant Professor				
	Frederick H. Bailey	T --	2,448	2,448
	Satish Chandra (Visiting)	2,544	--	2,544
	Joe W. Fitzpatrick	T --	1,144(1/2)	1,144
	Rex E. Fox	T 1,124(1/2)	--	1,124
	James M. Gray	T --	2,207	2,207
	Joe A. Guthrie (Visiting)	2,180	--	2,180
	Jule A. Hansen	T --	1,786	1,786
	Lawrence Huntley	T 1,094(1/2)	--	1,094
	Clinton W. Kennel	2,388	--	2,388
	Ralph A. Liguori	T --	1,011(1/2)	1,011
	Kennith W. Lopp	T 2,568	--	2,568
	Vladik A. Miculka	T 2,228	--	2,228
	John A. Narvarte	T 2,328	--	2,328
	Jesus R. Provencio	T --	2,228	2,228
	Vilappakkam Srinivasan	--	1,244(1/2)	1,244
Teaching Assistant				
		417(1/2)	417(1/2)	834
		417(1/2)	417(1/2)	834
		<u>\$ 26,595</u>	<u>\$ 20,321</u>	<u>\$ 46,916</u>
<u>PHYSICS</u>				
Professor				
	Thomas G. Barnes	T \$ --	\$ 1,601(1/2)	\$ 1,601
	Max C. Bolen	T 1,619(1/2)	--	1,619
	Donald E. Bowen	T 3,290	3,290	6,580
	Juan O. Lawson	T 3,147	--	3,147
	Robert G. McIntyre	T --	1,554(1/2)	1,554
Associate Professor				
	Rufus E. Bruce	T --	1,476(1/2)	1,476
	Eugene A. Dean	T --	1,455(1/2)	1,455
Assistant Professor				
	Clarence H. Cooper	T 2,408	--	2,408
Teaching Assistant				
		417(1/2)	417(1/2)	834
		417(1/2)	417(1/2)	834
		417(1/2)	417(1/2)	834
		<u>\$ 11,715</u>	<u>\$ 10,627</u>	<u>\$ 22,342</u>
Total College of Science		<u>\$ 86,543</u>	<u>\$ 70,040</u>	<u>\$156,583</u>
Total 1975 Summer Session Budget		<u>\$537,158</u>	<u>\$435,978</u>	<u>\$973,136</u>

LIBRARY

14. Change the title of Helen C. Bell from Head, Education Library to Head, Serials Department effective December 21, 1974, with no change in her annual rate of \$10,900.00. (RBC 464)

15. Appoint Delilah D. Boudreau as Head, Education Library effective April 14 through August 31, 1975, at an annual rate of \$11,000.00 with the necessary funds in the amount of \$4,186.08 to come from Unallocated Salaries - Other. (RBC 465)

OPERATION AND MAINTENANCE OF PHYSICAL PLANTGeneral Services

16. Transfer of Funds:

From: Building Maintenance - Salaries	\$4,644.10
To: General Services - Maintenance and Operation	4,644.10
For: Transfer between departments and dissimilar appropriations to allow the department to service its needs more effectively. (RBC 449)	

Building Maintenance

17. Transfer of Funds:

From: Maintenance and Operation	\$7,300.00
To: Wages	7,300.00
For: Transfer between dissimilar appropriations to allow the department to service its needs more effectively. (RBC 441)	

CONTRACT RESEARCH AND SERVICESU. S. Air Force Contract F41609-75-0002 - Assessment of Functional Vision - FY 75

18. Appoint Floyd A. Hape as Research Assistant effective December 10, 1974 through June 30, 1975, at an annual rate of \$6,240.00 with the necessary funds in the amount of \$3,489.03 to come from budgeted salaries for this contract. (RBC 364)

HEW Grant OEG-6-73-1101 - Upward Bound - 9th Year

19. Accept the resignation of Rosemary Serna, Teacher-Counselor (1/4 Time), effective February 28, 1975 and lapse to unencumbered salaries \$933.00 budgeted for this position. Her full-time annual rate was \$6,600.00 at January 31, 1975 which was increased to \$7,464.00 at February 1, 1975. (RBC 454)

Department of Labor Grant DL 99-5-242-31-10 - High School Equivalency Program - 8th Year

20. Appoint Becky J. Smith as Reading Assistant (1/2 Time) effective February 3 through August 31, 1975, at a full-time annual rate of \$7,544.00 with the necessary funds in the amount of \$2,177.85 to come from budgeted salaries for this grant. (RBC 430)

21. Accept the resignation of Cassandra Alvidrez, Resident Counselor, effective February 14, 1975, and lapse to unencumbered salaries \$3,477.50 budgeted for this position. Her annual rate was \$5,682.00 at January 31, 1975 which was increased to \$6,420.00 at February 1, 1975. (RBC 443)

22. Correct RBC 358. Luis Meraz was promoted to Resident Counselor effective January 1, 1975 and his annual rate adjusted from \$7,544.00 to \$5,682.00 and room and board valued at \$110.00 per month. The annual rate should be from \$7,544.00 to \$6,000.00, with the necessary additional funds in the amount of \$212.00 to come from budgeted salaries for this grant, and room and board valued at \$110.00 per month. (RBC 446)

23. Appoint Lydia Carmona as Resident Counselor effective February 21 through August 31, 1975, at an annual rate of \$5,682.00 with the necessary funds in the amount of \$2,976.28 to come from budgeted salaries for this grant. She will also receive room and board valued at \$110.00 per month. (RBC 455)

Department of Interior Grant D1 G0254013 - Minerals Availability

24. Appoint Michael Bersch as Research Assistant (1/2 Time) effective February 1 through August 31, 1975, at a full-time annual rate of \$7,200.00 with the necessary funds in the amount of \$2,100.00 to come from budgeted salaries for this grant. (RBC 456)

Texas Education Agency Region XIII - TCIES/SISP Project

25. Appoint Carmen Marquez as Lecturer (1/2 Time) effective January 16 through May 31, 1975, at her full-time nine-months rate of \$8,836.00 as Lecturer of Curriculum and Instruction with the necessary funds in the amount of \$2,209.00 to come from budgeted salaries for this grant. She will also serve as Lecturer (1/2 Time) in the Department of Curriculum and Instruction for the 1975 Spring Semester. (RBC 438)

CONTRACT RESEARCH AND SERVICES (CONTINUED)Corporation for Public Broadcasting Grant

26. Change the status of Louis H. Valles from Manager, KTEP (Full-time) to Manager, KTEP (88/100 Time) effective February 1 through April 30, 1975, at his full-time annual rate of \$10,848.00 with no lapse of funds necessary. He will also serve as Manager, KTEP (12/100 Time) in the Department of Mass Communication - Radio/Television. His annual rate was \$9,600.00 at January 31, 1975 which was increased to \$10,848.00 at February 1, 1975. (RBC 460)

27. Change the status of Jaime Fraire from Chief Announcer and Assistant to Manager, KTEP (Full-time) to Chief Announcer and Assistant to Manager, KTEP (89/100 Time) effective February 1 through April 30, 1975, at his full-time annual rate of \$6,912.00 with no lapse of funds necessary. He will also serve as Chief Announcer and Assistant to Manager, KTEP (11/100 Time) in the Department of Mass Communication - Radio/Television. His annual rate was \$6,120.00 at January 31, 1975 which was increased to \$6,912.00 at February 1, 1975. (RBC 462)

RESTRICTED CURRENT FUNDSExcellence Fund

28. Transfer of Funds:

From: Instructional Program Improvement	\$5,000.00
To: Bilingual/Bicultural Education Seminar - Consultants	4,275.00
Bilingual/Bicultural Education Seminar - Clerical Expenses	725.00
For: To provide funds to set up a budget for the Bilingual/Bicultural Education Seminar to be held before the end of this fiscal year. (RBC 447)	

Josephine Clardy Fox FundCenter for Inter-American Studies

29. Transfer of Funds:

From: Maintenance and Operation	\$440.65
To: Wages	440.65
For: Transfer between dissimilar appropriations to allow the department to service its needs more effectively. (RBC 450)	

AUXILIARY ENTERPRISESIntercollegiate Athletics

30. Appoint William P. Van Pelt as Assistant Football Coach effective March 10 through August 31, 1975, at an annual rate of \$16,000.00 with the necessary funds in the amount of \$7,612.88 to come from the vacant position of Assistant Football Coach in the amount of \$8,167.00 with the unused \$554.12 lapsed to unencumbered salaries for this department. (RBC 452)

Intramurals

31. Accept the resignation of Darlene J. Rose, Women's Intercollegiate Coordinator (1/2 Time), effective December 31, 1974, and lapse to unencumbered salaries \$1,388.92 budgeted for this position. (RBC 439)

32. Appoint Carol M. Ammerman as Women's Intercollegiate Coordinator (1/2 Time) effective January 2 through May 31, 1975, at a full-time annual rate of \$6,667.00 with the necessary funds in the amount of \$1,379.88 to come from budgeted salaries for this department. (RBC 440)

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

Odessa, Texas 79762

May 14, 1975

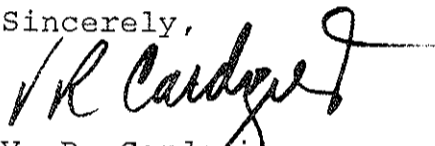
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June 5, 1975 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



V. R. Cardozer
President ad interim

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
June 5, 1975 Meeting

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GRANTS, CONTRACTS AND AGREEMENTS - (NON-GOVERNMENTAL)

1. Modification No. 2 to Contract SBA-2053-PMA-75, by which the Small Business Administration, Washington, D. C. provides \$2,500 additional funds for the period March 20, 1975 through September 15, 1975. The program for the support of management counseling and technical assistance to small business concerns continues under the direction of Dr. Bernard M. Tucker, Associate Professor of Management.

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
June 5, 1975 Meeting

RECOMMENDED AMENDMENTS TO THE 1974-75 BUDGET

GENERAL ADMINISTRATION:

Accounting Division

1. Appoint Mr. Bruce Revell as Assistant Director of Accounting, (Code 1000), Accounting Division for the period of 3/1/75 - 8/31/75 at a salary rate of \$15,000 for 12 months. Source of Funds: Office of the Vice President for Business Affairs, Classified Salaries. (RBC #112)

RESIDENT INSTRUCTION:

Faculty, College of Management

2. Reappoint Mr. Ronald Reimer (without tenure) as Associate Professor of Business Logistics and Management for the period of 9/1/74 - 5/31/75 at an academic rate of \$17,000. Source of Funds: Faculty Salaries. (RBC #Revised 57)

Faculty, College of Arts and Education

3. Appoint Mr. Gary Eldridge (without tenure) as Lecturer in Theatre, (Code 0050), at .2500 time from 10/7/74 - 5/31/75 at an academic rate of \$5,562 for 9 months. Source of Funds: Faculty Salaries. NOTE: Mr. Eldridge has a concurrent appointment as Informational Writer I, (Code 8677), News and Information at .7500 time 10/7/74 - 5/31/75 and 1.000 time 6/1/75 - 8/31/75. (RBC #Revised 76)

4. Appoint Dr. Thomas Hohstadt as Lecturer in Music (without tenure), (Code 0050), Faculty, College of Arts and Education, for the period of 1/16/75 - 5/31/75 for a stipend of \$310 at .0847 time at an academic rate of \$7704 for 9 months. Source of Funds: Faculty Salaries. (RBC #77)

5. Appoint Ms. Carol Ann Jessup as Lecturer in Music (without tenure), (Code 0050), Faculty, College of Arts and Education, for the period of 1/16/75 - 5/31/75 for a stipend of \$320 at .0833 time at an academic rate of \$7680 for 9 months. Source of Funds: Faculty Salaries. (RBC #87)

6. Change the academic rate of Dr. Kevin-John McIntyre, Assistant Professor of Government (without tenure), (Code 0030), Faculty, College of Arts and Education from \$11,925 for 9 months to \$12,500 for 9 months for the period of 1/16/75 - 5/31/75. Source of Funds: \$5,983.83 in budgeted position and \$288.53 from Faculty Salaries. (RBC #110)

7. Terminate Mr. Gary Eldridge (without tenure) as Lecturer in Theatre, (Code 0050), Faculty, College of Arts and Education at .2500 time effective noon 2/2/75. (RBC #111)

8. Change the status of Dr. Patricio Jaramillo from Instructor of Pedagogical Studies, (Code 0040), at a nine month academic rate of \$12,537 to Assistant Professor of Pedagogical Studies, (Code 0030), at a nine month academic rate of \$13,626 for the period of 2/14/75 - 5/31/75. Source of Funds: \$4,517.84 in budgeted position; \$392.82 from Faculty Salaries, Faculty, College of Arts and Education and \$442.38 from H.B. 421, 64th Texas Legislature. (RBC #114)

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
June 5, 1975 Meeting

11/11

OTHER FISCAL ITEMS

With the concurrence of the Chancellor and the Deputy Chancellor, transfer inoperative NCR 315 computer to Howard County Junior College at Big Spring. This computer was donated to U.T. Permian Basin several years ago for use in classroom instruction in the technical aspects of computer equipment, but has never been used for that purpose. Major parts are damaged, and the sale price if advertised for bids is estimated to be about \$1,000. U.T. Permian Basin Administration feels that it is in the best interest of the University to transfer this equipment to the public junior college where it will be beneficial in a technical and mechanical instructional program.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
Office of the President
May 13, 1975

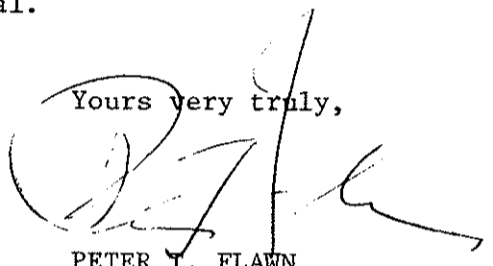
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June 5, 1975 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Yours very truly,

A handwritten signature in black ink, appearing to read 'P. Flawn', written over the typed name below.

PETER T. FLAWN

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
June 5, 1975 Meeting

GIFTS: Acceptance is recommended for the following gift which has been received:

<u>Donor</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. Houston Endowment, Inc. c/o J. H. Creekmore P. O. Box 52338 Houston, Texas 77052	Contribution in support of the work of the Institute of Texan Cultures.	\$20,000.00

LABORATORY FEES: Approval is recommended for the following laboratory fees for new courses to be offered at The University of Texas at San Antonio

<u>Course Number</u>	<u>Course Title</u>	<u>Fee</u>
BIO 5321	Cytogenetics	\$8.00
BIO 5471	Reproductive Biology	8.00
BIO 5551	Enzymes	8.00
BIO 5553	Experimental Biochemistry	8.00
BIO 5751	Biochemical Virology	8.00
BIO 6781	Host-Parasite Interaction	8.00
BIO 6881	Microbial Physiology	8.00

BUSINESS CONTRACTS AND AGREEMENTS: Ratification is requested for the following:

1. Vending machine contract between Snappy Snack Vending Company and The University of Texas at San Antonio, signed by Vice President E. M. Mahon after approval of Officers of System Administration, for the period September 1, 1975 through August 31, 1977.

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL)
June 5, 1975 Meeting

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GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL): Approval is requested for the following:

Minnie Stevens Piper Foundation
201 North St. Mary's Street
San Antonio, Texas 78205

1. Grant

To provide one-half of the funds necessary to purchase a collection of San Antonio Materials of 600 items for the Library at The University of Texas at San Antonio.

Dr. Michael F. Kelly, Director of Libraries

Dated March 25, 1975

\$6,500.00

Bexar County

San Antonio Business Resource Center
Suite 208, 301 Broadway
San Antonio, Texas 78205

2. Agreement

The University of Texas at San Antonio will render a workshop directed to informing the San Antonio Business Resource Center's clients about franchise opportunities and needed skills for successful operation.

Dr. Antonio Furino, Director, Center for Studies in Business, Economics and Human Resources

May 1, 1975 through August 31, 1975

\$3,000.00

Bexar County

THE UNIVERSITY OF TEXAS
 AT SAN ANTONIO
GRANTS, CONTRACTS, AND AGREEMENTS (STATE)
 June 5, 1975 Meeting

QNF

GRANTS, CONTRACTS, AND AGREEMENTS (STATE): Approval is requested for the following:

1. Interagency Contract (74-75)-1127, Amendment No. 1, between The University of Texas at San Antonio and The University of Texas System School of Nursing, signed by Vice President E. M. Mahon, whereby The University of Texas System School of Nursing will provide approximately 278.4 gross square feet of space at \$0.25 per square foot (\$69.60 per month) for use by The University of Texas at San Antonio for office space for faculty and staff of the Division of Allied Health and Life Sciences. This is a decrease of 465.6 gross square feet at \$0.25 per square foot (\$116.40 per month). The amended contract is for the period April 1, 1975 through August 31, 1975.
2. Interagency Contract (74-75)-1636, between The University of Texas at San Antonio and North Texas State University, signed by Vice President E. M. Mahon, whereby The University of Texas at San Antonio (Institute of Texan Cultures) agrees to provide slide sets, tapes, film strips and booklets for purchase for instructional use by North Texas State University. The contract is for the period May 1, 1975 through August 31, 1975.

Texas Education Agency
 Department of Occupational Education
 and Technology
 201 East Eleventh Street
 Austin, Texas 78701

3. Project No. 52350553
Occupational Analysis of Day Care Workers and Supervisors in the State of Texas
 This project will study and analyze tasks performed by child care workers and will determine competencies and training needs of various stages of career development.
 Dr. Robert T. Alciatore, Project Director
 Dr. Michael A. Zaccaria, Project Coordinator
 April 1, 1975 through June 30, 1975
 \$24,847.00
 Bexar County

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL)
June 5, 1975 Meeting

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL): Approval is requested for the following:

U. S. Department of Agriculture
Soil Conservation Service
P. O. Box 648
Temple, Texas 76501

1. Purchase Order No. 1339-TX-SCS-75
Archaeological Survey on Site 1, Dry Comal River Watershed
This project is to include furnishing necessary materials, equipment and labor to do additional archaeological investigation and prepare a report on Site 1, Dry Comal River Watershed in accordance with specifications.
Dr. Thomas R. Hester, Director, Center for Archaeological Research
Dated March 27, 1975
\$1,824.00
Bexar County

Department of Health, Education and Welfare
National Institute of Child Health
and Human Development
Bethesda, Maryland 20014

2. Grant No. 1 R01 HD08545-01
Social Environment and Reproduction in Small Rodents
This project deals with the effects of psychological factors on reproductive ability in small rodents.
Dr. Theodore D. McKinney
May 1, 1975 through April 30, 1976
\$25,742.00
Bexar County

Department of Health, Education and Welfare
Office of Education
Bureau of Postsecondary Education
Washington, D. C. 20202

3. Allocation Letter, Document No. 7603667E
College Work-Study Program
This program will provide matching salary funds for qualified students who participate in approved work-study programs.
Mr. Salvador Gomez, Director of Student Financial Aids
July 1, 1975 through June 30, 1976
\$134,615.00
Bexar County
4. Allocation Letter, Document No. 760^y9882 and 761^y9882
Supplemental Educational Opportunity Program
This program will provide grants to needy and deserving students.
Mr. Salvador Gomez, Director of Student Financial Aids
July 1, 1975 through June 30, 1976
\$48,425.00
Bexar County

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
RECOMMENDED AMENDMENTS TO THE 1974-75 BUDGET
June 5, 1975 Meeting

RESIDENT INSTRUCTION

College of Multidisciplinary Studies

Division of Education

1. Appoint Dr. Michael A. Zaccaria (non-tenure) as Faculty Associate (60% time), at an academic salary rate of \$19,566.00 for nine months, effective April 1, 1975 through June 30, 1975. Funds for this appointment are to come from Texas Education Agency Grant. (RBC 110)

Division of Continuing Education

2. Accept the resignation of Mr. Neil E. Lindley, Coordinator for Special Programs, at an annual salary rate of \$19,400.00 for twelve months, and Lecturer (non-tenure), Division of Social Sciences (W/O/S), effective January 13, 1975. (RBC 74 revised)

LIBRARY

3. Appoint Mr. William L. Stewart, Jr. as Assistant Director for Technical Services at an annual salary rate of \$17,000.00 for twelve months, effective February 15, 1975 through August 31, 1975. Funds for this appointment are available in the department's Administrative and Professional Salaries account. (RBC 108)

BUDGET TRANSFERS

Transfer of Funds

4. Amount of Transfer: \$2,672.90

From: Unallocated, Maintenance and Operation	\$ 2,672.90
To: Division of Bicultural-Bilingual Studies, Classified Salaries	\$ 1,652.90
Maintenance and Operation	1,020.00
For: To provide this department with funds necessary to meet its staffing and operational requirements. (RBC 80 - revised)	

5. Amount of Transfer: \$4,000.00

From: Unallocated, Classified Salaries	\$ 4,000.00
To: Division of Art and Design, Classified Salaries	\$ 4,000.00
For: To provide this department with funds necessary to meet its staffing requirements. (RBC 104)	

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

BUDGET TRANSFERS (continued)Transfer of Funds

6. Amount of Transfer: \$27,000.00

From:	Unallocated, Classified Salaries	\$27,000.00
To:	Office of the President, Maintenance and Operation	\$ 2,000.00
	Vice President for Academic Affairs, Maintenance and Operation	1,000.00
	Vice President for Business Affairs, Maintenance and Operation	4,000.00
	Director of Accounting, Maintenance and Operation	4,000.00
	Personnel Office, Maintenance and Operation	1,000.00
	News and Information, Maintenance and Operation	7,000.00
	General Institutional Expense, Maintenance and Operation	3,000.00
	Physical Plant, General Services, Maintenance and Operation	5,000.00
For:	To provide these departments with funds necessary to meet their operational requirements. (RBC 105)	

7. Amount of Transfer: \$5,000.00

From:	Office of the President, UTSA Associates, Maintenance and Operation	\$ 5,000.00
To:	College of Business, Office of the Dean, Interamerican Program, Maintenance and Operation	\$ 4,000.00
	Travel	1,000.00
For:	To provide operational funds necessary to the dean's office for coordination of the Inter-american MBA program. (RBC 106)	

8. Amount of Transfer: \$2,347.00

From:	Division of Education, Maintenance and Operation	\$ 1,000.00
	Unallocated, Maintenance and Operation	1,347.00
To:	Attendance at Professional Meetings, Travel	\$ 1,347.00
	Division of Education, Travel	1,000.00
For:	To provide these departments with funds necessary to meet their operational requirements. (RBC 107)	

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

BUDGET TRANSFERS (continued)Transfer of Funds

9. Amount of Transfer: \$27,169.80

From:	Unallocated, Classified Salaries	\$22,951.80
	Unallocated, Institute of Texan Cultures	4,218.00
To:	Purchasing, Maintenance and Operation	\$ 1,500.00
	Computer Center, Classified Salaries	8,979.80
	Official Publications, Maintenance and Operation	1,500.00
	General Institutional Expense, Maintenance and Operation	4,000.00
	Division of Education, Classified Salaries	2,472.00
	Division of Allied Health and Life Sciences, Maintenance and Operation	2,500.00
	Library, Maintenance and Operation	2,000.00
	Institute of Texan Cultures, Fabrication, Classified Salaries	4,218.00
For:	To provide these departments with funds necessary to meet their staffing and operational require- ments. (RBC 109)	

10. Amount of Transfer: \$6,150.00

From:	Division of Management, Maintenance and Operation	\$ 500.00
	Division of Art and Design, Maintenance and Operation	1,000.00
	Office of the Dean, College of Multidisciplinary Studies, Maintenance and Operation	2,000.00
	Office of the Dean, College of Sciences and Mathematics, Maintenance and Operation	500.00
	Unallocated, Maintenance and Operation	2,150.00
To:	News and Information Office, Travel	\$ 500.00
	Division of Management, Travel	500.00
	Division of Art and Design, Travel	1,000.00
	Division of Social Sciences, Travel	500.00
	Office of the Dean, College of Multidisciplinary Studies, Travel	2,000.00
	Division of Bicultural-Bilingual Studies, Travel	350.00
	Division of Earth and Physical Sciences, Travel	500.00
	Center for Studies in Business, Economics, and Human Resources, Travel	800.00
For:	To provide these departments with necessary travel funds. (RBC 111)	

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

BUDGET TRANSFERS (continued)Transfer of Funds

11. Amount of Transfer: \$12,000.00
- | | | |
|-------|--|-------------|
| From: | Credit for Sales and Services, Print Shop | \$12,000.00 |
| To: | Purchase of Materials for Resale, Print Shop | \$12,000.00 |
- For: To provide this department with funds necessary to meet operational needs. Funds to be derived via additional income for services rendered. (RBC 112)
12. Amount of Transfer: \$80,000.00
- | | | |
|-------|--|-------------|
| From: | Credit for Sales and Services, Computer Center | \$80,000.00 |
| To: | Equipment Rental and Purchased Services, Computer Center | \$80,000.00 |
- For: To provide this department with funds necessary to meet operational needs. Funds to be derived via additional income from services rendered. (RBC 113)
13. Amount of Transfer: \$10,000.00
- | | | |
|-------|---|-------------|
| From: | Credit for Sales and Services, Mail Services | \$10,000.00 |
| To: | Purchase of Materials for Resale, Mail Services | \$10,000.00 |
- For: To provide this department with funds necessary to meet operational needs. Funds to be derived via additional income for services rendered. (RBC 114)

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS
5323 Harry Hines Boulevard, Dallas, Texas 75235

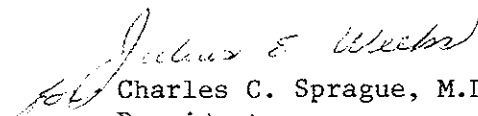
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June ~~8~~⁵, 1975 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 - JUNE 8, 1975

TRAVELDALLAS MEDICAL SCHOOL

1. Charles B. Mullins, M.D., Department of Internal Medicine (Cardiopulmonary), to travel to Observatory, Cape, South Africa for purposes of vacation and as Visiting Professor to the University of Cape Town, for the period May 13, 1975 to June 27, 1975; expenses to be paid from a Moss Heart Fund grant.

GIFTSDALLAS HEALTH SCIENCE CENTER

<u>Donor</u>	<u>Amount</u>
The Hoblitzelle Foundation 2522 Republic Bank Building Dallas, Texas 75201	
1. <u>Purpose and Condition.</u> Funds for the completion of the Faculty Center.	\$40,000.00
The Journal of Clinical Investigation 5323 Harry Hines Blvd. Dallas, Texas 75235	
2. <u>Purpose and Condition.</u> Support for the Journal of Clinical Investigation.	\$15,000.00
Estate of H.S. Moss First National Bank in Dallas P.O. Box 6031 Dallas, Texas 75283	
3. <u>Purpose and Condition.</u> Funds for the support of the Harry S. Moss Heart Center under the direction of Dr. Jere H. Mitchell, Department of Internal Medicine.	\$35,736.00
4. <u>Purpose and Condition.</u> Funds for the support of the Harry S. Moss Heart Center under the direction of Dr. Jere H. Mitchell, Department of Internal Medicine.	\$91,000.00

DALLAS MEDICAL SCHOOL

American Medical Association
Education and Research Foundation
535 North Dearborn Street
Chicago, Illinois 60610

* 1. Purpose and Condition. Unrestricted support for the Medical School. \$ 8,274.20

Burroughs Wellcome Company
3030 Cornwallis Road
Research Triangle Park, North Carolina 27709

2. Purpose and Condition. Funds for the support of studies with allopurinol under the direction of Charles Y.C. Pak, M.D., Department of Internal Medicine. \$ 7,500.00

* No Award Letter Received

GIFTS - continued

DALLAS MEDICAL SCHOOL - continued

<u>Donor</u>	<u>Amount</u>
The Medical Research Foundation of Texas Richard F. Dini and Associates, Inc. 4101 San Jacinto Houston, Texas 77004	
3. <u>Purpose and Condition.</u> Funds representing the University of Texas Southwestern Medical School's equal share of the pay-out of the residual corpus of the Medical Research Foundation of Texas for "seed" research.	\$ 6,317.92
Merck Frosst Laboratories C.P./P.O. Box 1005 Pointe Claire Dorval, Quebec	
* 4. <u>Purpose and Condition.</u> Funds for the support of research on vasoactive peptides under the direction of Sami I. Said, M.D., Professor of Internal Medicine and Pharmacology.	\$10,000.00
Southwestern Medical Foundation 1601 Republic National Bank Building Dallas, Texas 75201	
5. <u>Purpose and Condition.</u> Funds for the support of the Human Growth and Development Program under the direction of Dr. Heinz Eichenwald, Department of Pediatrics.	\$20,000.00
6. <u>Purpose and Condition.</u> Funds for the support of eight Chilton Research Fellowships under the direction of Dr. Ronald Estabrook, Department of Biochemistry.	\$12,000.00

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL)DALLAS MEDICAL SCHOOL

The Arthritis Foundation
1212 Avenue of the Americas
New York, New York 10036

1. Research Grant
Support for the Arthritis Clinical Research Center.
A continuation grant.
Morris Ziff, M.D., Department of Internal Medicine
July 1, 1975 through June 30, 1976
\$20,000.00

* Original Award Letter Not Received

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

DALLAS MEDICAL SCHOOL - continued

Boehringer Ingelheim Ltd.
Regional Office
P.O. Box 15176
Atlanta, Georgia 30333

2. Research Grant
"The Role of Clonidine in Combination with Vasodilating Antihypertensive Drugs in Man." and "The Mechanism of Clonidine Suppression of Renin Release in Rats and Pharmacologic Models of Clinical Effects." Drug studies.
Dr. William A. Pettinger, Department of Pharmacology
\$28,500.00

Ciba Pharmaceutical Company
Division of Ciba-Geigy Corporation
Summit, New Jersey 07901

- ** 3. Research Grant
"Evaluation of Trasacor for Hypertension." A drug study.
Norman M. Kaplan, M.D., Department of Internal Medicine
\$3,618.00

The Council for Tobacco Research - U.S.A., Inc.
110 East 59th Street
New York, New York 10022

- * 4. Research Grant No. 918R1
"Effects of Tobacco Smoke and Nicotine on Coronary Collateral Blood Flow." A renewal grant.
H. Fred Downey, Ph.D., Department of Physiology
July 1, 1975 through June 30, 1976
\$15,784.00

Merck, Sharpe and Dohme
Research Laboratory Division
126 East Lincoln Avenue
Rahway, New Jersey 07065

5. Research Grant
"Diabetes Mellitus." New support for research on diabetes mellitus.
Roger H. Unger, M.D., Department of Internal Medicine
\$2,000.00

Muscular Dystrophy Association, Inc.
Patient Service & Research Department
810 Seventh Avenue
New York, New York 10019

6. Research Grant
"Fluorescent Probe Studies of Muscle Protein."
A continuation grant.
Robert M. Dowben, M.D., Department of Biophysics
July 1, 1975 through June 30, 1976
\$10,000.00

** No Award Letter Received

* Original Award Letter Not Received

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

DALLAS MEDICAL SCHOOL - continued

Otsuka Pharmaceutical Company, Ltd.
53, 2-Chome, Kooraisashi Higashi-Ku
Osaka, Japan

- * 7. Research Grant
"The Use of (+)-Acylcarnitines in the Treatment of
Experimental Diabetic Ketoacidosis." A continuation grant.
Daniel W. Foster, M.D., Department of Internal Medicine
\$28,600.00

The Upjohn Company
Cardiovascular Diseases Research
Kalamazoo, Michigan 49001

8. Research Grant
"Clinical Evaluation of U-26, 597A, Phase II-III,
Protocol 109." Additional income.
Daniel W. Foster, M.D., Department of Internal Medicine
\$870.00 additional income

9. An agreement between The University of Texas Health Science Center at Dallas and Presbyterian Hospital of Dallas which establishes the handling of fees for professional services performed by full time faculty members.

10. A contract of services whereby The University of Texas Health Science Center at Dallas agrees to provide a project director and instructor to the Dallas Independent School District for the project entitled "Mainstream Education for the Exceptional Child: for the period July 1, 1974 through June 30, 1975 for remuneration not to exceed \$17,436.95.

11. A lease agreement whereby The University of Texas Health Science Center at Dallas agrees to lease approximately 3,600 square feet of space located at 224 Dallas West Shopping Center, from the Dallas West Shopping Center, to be occupied as a Maternal Health and Family Planning Clinic, for the period May 1, 1975 through April 30, 1979, at a rental rate of \$1,200.00 per month. This agreement also includes an agreement between The University of Texas Health Science Center, Greater Dallas Family Planning Project and Carl Bauer & Company, the contractor, for remodeling to begin March 24, 1975 and to be completed within ninety days.

12. A contract of services whereby The University of Texas Health Science Center at Dallas agrees to make available twenty-five percent (25%) of the personal time of David D. Daly, M.D., Department of Neurology, to The Callier Center for Communication Disorders for teaching services for the period of September 1, 1974 through May 31, 1975, for remuneration not to exceed \$6,120.00.

13. A lease agreement whereby The University of Texas Southwestern Medical School agrees to renew the lease for approximately 6,750 square feet of warehouse space located at 2404 Irving Boulevard, Dallas, Texas from the Vantage Management Company for the period April 1, 1975 to September 30, 1975 at a rental rate of \$821.25 per month.

* No Award Letter Received

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

FEDERAL CONTRACTS AND GRANTS

BOARD OF REGENTS MEETING - JUNE ⁵/₆, 1975

Q + Z

DALLAS HEALTH SCIENCE CENTERDepartment of Health, Education and Welfare
Public Health Service

1. Contract No. N01-LM-5-4705, Modification No. 2
Regional Medical Library Program
Modification to correct errors in the appropriations data block on the face page of the contract and to amend Additional Provisions, Article XIII by adding No. 5 - Subcontract Cost of Pricing Data (FPR 1-3.814-3(a).
Donald D. Hendricks, Ph.D., Director
February 1, 1975 through January 31, 1976
No additional funds involved
Dallas County
2. Contract No. N01-LM-5-4705, Modification No. 1
Regional Medical Library Program
Modification to reflect a three year contract ending January 31, 1978 rather than a one year contract ending January 31, 1976.
Donald D. Hendricks, Ph.D., Director
February 1, 1976 through January 31, 1978
No additional funds involved
Dallas County
3. Cost Reimbursable Subcontract under
Prime Contract No. N01-CN-45150, Modification No. 1, 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.
The purpose of this modification is to provide an additional \$7,442 of funds to be used for the purchase of research equipment as listed in Schedule IA, without further authorization from the Contractor.
Dallas County

DALLAS MEDICAL SCHOOLDepartment of Health, Education and Welfare
Public Health Service

1. Research Grant 5 R01 RR00938-02
"Diagnosis and Control of Mammalian Encephalitozoonosis."
A continuation grant.
John A. Shaddock, D.V.M., Department of Pathology
April 1, 1975 through March 31, 1976
\$27,734.00
Dallas County
2. Research Grant 1 R01 MH26032-01
"Biogenic Amines in Aversive Brain Stimulation." New basic research to study the relation of midbrain electrical stimulation and serotonin manipulation in rats as an animal model of human anxiety.
Roy S. Kiser, Jr., M.D., Department of Psychiatry
April 1, 1975 through March 31, 1976
\$42,070.00
Dallas County

FEDERAL GRANTS AND CONTRACTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare
Public Health Service

3. Training Grant 5 T01 HL05469-15
"Biochemical Orientation of Cardiovascular Investigation."
A continuation grant.
Donald W. Seldin, M.D., Chairman of the Department of
Internal Medicine
July 1, 1975 through June 30, 1976
\$120,032.00
Dallas County
4. General Research Support Grant 5 S01 RR05426-14
"General Research Support Grant."
F.J. Bonte, M.D., Dean
January 1, 1975 through December 31, 1975
\$255,345.00
Dallas County
5. Research Grant 5 R01 HL14055-05
"A-Keto Acid Metabolism in Heart, Kidney, and Liver."
A continuation grant.
Tracy C. Linn, Ph.D., Department of Biochemistry
May 1, 1975 through April 30, 1976
\$30,062.00
Dallas County
6. Research Grant 1 R01 AM18043-01
"Ultrastructure in Aminonucleoside Induced Nephrosis."
New basic research to study aminonucleoside nephrosis
by use of scanning electron microscopy.
Peter M. Andrews, Ph.D., Department of Cell Biology
May 1, 1975 through April 30, 1976
\$16,167.00
Dallas County
7. Research Grant 5 R01 HL13619-06
"Microsomal Electron Transport in Liver and Heart."
A continuation grant.
Bettie S. Masters, Ph.D., Department of Biochemistry
May 1, 1975 through April 30, 1976
\$30,583.00
Dallas County
8. Development Award - Research Career Program 1 K04 AI00051-01
"Control of Bacterial Toxins by Viruses and Plasmids."
A new career development proposal focused on pathogenesis
of bacterial infections.
Randall K. Holmes, Ph.D., Department of Internal Medicine
May 1, 1975 through April 30, 1976
\$25,000.00
Dallas County
- * 9. Research Grant 5 R01 HL16319-02
"Pharmacology of the Biosynthesis and Release of Renin."
A revised award.
Ervin G. Erdos, M.D., Professor of Pharmacology and Internal
Medicine
December 1, 1974 through November 30, 1975
\$18,506.00 (An addition of \$1,050.00 to the original
award of \$17,456.00)
Dallas County

* Original Award Letter Not Received

FEDERAL GRANTS AND CONTRACTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare
Public Health Service

10. Research Grant 5 R01 AML3757-18
"Hepatic Excretory Function." A continuation grant.
Burton Combes, M.D., Professor of Internal Medicine
April 1, 1975 through March 31, 1976
\$73,608.00
Dallas County
11. Research Grant 1 R01 HD08987-01
"Development and Function of the Oviduct Basal Body."
New basic research on an integrated morphological and
biochemical study of the oviduct basal body in chicks.
Richard G. Anderson, Ph.D., Department of Cell Biology
May 1, 1975 through April 30, 1976
\$46,005.00
Dallas County
12. Research Grant 1 R01 HL18272-01
"Studies of Heart Adenylyl Cyclase Complex." Investigation
of the associated structure of heart adenylyl cyclase and
changes in this structure as a function of its interaction
with hormones or drugs.
James R. Bunting, Ph.D., Department of Biophysics
May 1, 1975 through April 30, 1976
\$37,890.00
Dallas County
13. Research Grant 5 R22 AI11478-03
"Control of Bacterial Toxins by Viruses and Plasmids."
A continuation grant.
Randall K. Holmes, M.D., Department of Internal Medicine
June 1, 1975 through May 31, 1976
\$13,382.00
Dallas County
- * 14. Fellowship Number 1 F22 HL00643-01
Institution Allowance in connection with the postdoctoral
fellowship of Patrick E. Ward sponsored by E.G. Erdos, M.D.,
Department of Pharmacology
November 1, 1974 through October 31, 1975
\$3,000.00
Dallas County
15. Research Grant 5 R01 AM10073-10
"Neurohumoral Control of the Anterior Pituitary."
A revised award.
Samuel M. McCann, M.D., Chairman of Physiology
September 1, 1974 through August 31, 1975
\$49,307.00 (An addition of \$4,000 to the original award
of \$45,307.00)
Dallas County

* No Pending Application For This Item

FEDERAL GRANTS AND CONTRACTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare
Public Health Service

16. Research Grant 1 R13 HL18165-01
"Symposium on Regulation of Cardiac Metabolism."
A symposium will be held dealing with the regulation and control of myocardial metabolism.
Kern Wildenthal, M.D., Department of Internal Medicine
May 1, 1975 through April 30, 1976
\$7,500.00
Dallas County
17. Research Grant 5 R01 CA12089-05
"Immunology of Chemically Modified Cancer Cells."
A continuation grant.
Morton D. Prager, Ph.D., Department of Surgery
June 1, 1975 through May 31, 1976
\$40,595.00
Dallas County
18. Research Grant 1 R01 CA17713-01
"R-Type Virus-Like Particle: A Novel Oncogenic Virus."
New basic research on R-type virus-like particle in normal and malignant hamster cells.
Kathryn V. Holmes, Ph.D., Department of Microbiology
May 1, 1975 through April 30, 1976
\$35,137.00
Dallas County
19. Research Grant 1 R01 AM17615-01A1
"Adaptation of Muscle to High-Intensity Exercise."
A study of the structural and functional characterization of skeletal muscle that is adapting to physiological hypertrophy.
William J. Gonyea, Ph.D., Department of Cell Biology
May 1, 1975 through April 30, 1976
\$30,322.00
Dallas County
20. Research Grant 1 R01 GM22201-01
"Structure of the Subunits of Eukaryotic Chromosomes."
The composition, heterogeneity, and spacial arrangement of histone proteins in isolated 12S chromatin particles will be studied to gain information on eukaryotic chromosome structure.
William T. Garrard, Ph.D., Department of Biochemistry
May 1, 1975 through April 30, 1976
\$40,793.00
Dallas County
21. Research Grant 2 R01 GM19036-07
"Regulation of Microbial Oxidation Reactions."
A renewal grant.
Julian A. Peterson, Ph.D., Department of Biochemistry
May 1, 1975 through April 30, 1976
\$35,534.00
Dallas County

FEDERAL GRANTS AND CONTRACTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare
Public Health Service

22. Research Grant 9 R01 AM18573-14
"Regulation of Ketogenesis in Tissues." A study of the mechanisms by which gluconeogenesis and ketogenesis are regulated in the fed, fasted, and diabetic states.
Daniel W. Foster, M.D., Department of Internal Medicine
June 1, 1975 through May 31, 1976
\$77,502.00
Dallas County
23. Research Grant 1 R01 AI12658-01
"Cytomegalovirus in Renal Transplant Recipients."
A revised award.
James P. Luby, M.D., Department of Internal Medicine
October 1, 1974 through September 30, 1975
\$33,981.00 (An addition of \$3,398.00 to the original award of \$30,583.00)
Dallas County
24. Research Grant 2 R01 HL09610-11
"Control of Cholesterol Metabolism - Bile Acid Transport."
A study of the specific mechanisms that operate to control the rate at which cholesterol is synthesized by the liver.
John M. Dietschy, M.D., Department of Internal Medicine
June 1, 1975 through May 31, 1976
\$118,203.00
Dallas County
25. Research Grant 1 R01 HL18104-01
"Cardiac Mechanics Measured in Vitro and in Vivo."
A study of cardiac muscle mechanics involving the measurement of muscle elasticity and viscosity.
Gordon H. Templeton, Ph.D., Department of Physiology
May 1, 1975 through April 30, 1976
\$25,423.00
Dallas County
26. Research Grant 5 R01 GM16488-07
"Hepatic Microsomal Drug Oxidation." A revised award.
Ronald W. Estabrook, Ph.D., Department of Biochemistry
September 1, 1974 through August 31, 1975
\$155,500.00 revised award (an addition of \$50,000.00 to the original award of \$105,500.00)
Dallas County
27. Research Grant 1 R01 AM18403-01
"Pathophysiology of Esophageal Motor Disorders."
A study to develop drug treatment for the above disorders, using the opossum as a subject.
Raj K. Goyal, M.D., Department of Internal Medicine
May 1, 1975 through April 30, 1976
\$62,134.00
Dallas County

FEDERAL GRANTS AND CONTRACTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare
Public Health Service

28. Contract No. FDA 223-74-7173; Modification #3
(Formerly FDA 74-173)
"A Study for the Development and Evaluation of Methods
of Assessment of Toxicological Effects in the Eye."
The modification adds the following described appropriation:
Appropriation No. 7550600 5-6993039-V7173
Allotment Symbol: PMS 22340M/10
O.C. 25.31
EIN 1 75 600 2868 A4
Increase: \$78,381.00
John A. Shadduck, D.V.M., Department of Pathology
Dallas County
29. Subcontract under Texas Regional Medical Program Contract
75-106 of Grant 5 G03 RM00007-06 whereby The University
of Texas Health Science Center at Dallas, Southwestern
Medical School, agrees to develop and produce tissue
typing trays for the Regional Renal Program for Baylor
College of Medicine at a cost of \$14.00 per tray with an
anticipated one thousand trays to be prepared for a
maximum cost of \$14,000 under the direction of Peter
Stastny, M.D., Department of Internal Medicine for the
period January 1, 1975 through June 30, 1975.
Dallas County
30. Subcontract under Texas Regional Medical Program Contract
75-106 of Grant 5 G03 RM00007-06 whereby The University
of Texas Health Science Center at Dallas, Southwestern
Medical School agrees to develop an organ harvesting
program for the North Texas Area for Baylor College of
Medicine under the direction of Martin G. White, M.D.,
Department of Internal Medicine for the period February 1, 1975
through June 30, 1975 for remuneration not to exceed \$13,063.00.
Dallas County
31. Subcontract under Texas Regional Medical Program Contract
75-106 of Grant 5 G03 RM00007-06 whereby The University
of Texas Health Science Center at Dallas, Southwestern
Medical School agrees to develop and produce a reference
panel of frozen lymphocytes for Baylor College of Medicine
at a cost of \$350 per unit with an anticipated fifty
units to be prepared for a maximum cost of \$17,500
under the direction of Peter Stastny, M.D., Department of
Internal Medicine for the period January 1, 1975 through
June 30, 1975.
Dallas County

Department of the Navy
Office of Naval Research

32. Contract N00014-75-C-0807
"The Role of the Plasma Kallikrein-Kinin-Kininase
System in Shock."
E.G. Erdos, M.D., Department of Pharmacology
March 1, 1975 through February 29, 1976
\$28,443.00
Dallas County

FEDERAL GRANTS AND CONTRACTS - continued

DALLAS G.S.B.S.

National Science Foundation
Washington, D.C. 20550

1. NSF Graduate Fellowship awarded to Mrs. Shelley M. Payne for the three year period commencing May 1, 1975 for remuneration in the amount of \$3,600 per year or \$10,800 for the three year period. Mrs. Payne will be under the direction of Richard A. Finkelstein, Ph.D., Department of Microbiology.
Dallas County

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

AMENDMENTS TO THE 1974-75 OPERATING BUDGET

BOARD OF REGENTS MEETING - JUNE 2, 1975

DALLAS HEALTH SCIENCE CENTEROffice of Student Affairs

1. Transfer funds in the amount \$2,000 from Unallocated Maintenance and Operation to Office of Student Affairs, Maintenance and Operation to cover unanticipated expenses. (RBC No. 454)

Animal Resources Center

2. Transfer funds in the amount of \$10,000 from Animal Resources Center, Wages, \$10,000 from Animal Resources Center, Equipment, and \$20,000 from Equity Account, Service Departments, to Animal Resources Center, Purchases of Material for Resale. Additional funds are needed to cover the increased costs of laboratory animals and increased costs of care for laboratory animals. (RBC No. 425)

Library

3. Change the status and increase the annual salary rate of John A. Murphy, Jr. (non-tenure), effective March 1, 1975, as follows:

From: Faculty Associate, Assistant Director of the Regional Medical Library Program at an annual salary rate of \$16,908 payable from NIH N01 LM 5-4705

To: Faculty Associate, Associate Director of the Regional Medical Library Program at an annual salary rate of \$18,408 payable from NIH N01 LM 5-4705. (RBC No. 437)

UT Regional Computer Center in North Texas

4. Transfer funds in the amount of \$17,520.13 from Unallocated Faculty Salaries, to University of Texas Regional Computer Center in North Texas. This is to correct RBC 77 which lapsed money into Unallocated Faculty Salaries at the resignation of Dr. John R. Carpenter effective October 11, 1974. (RBC No. 464)

DALLAS MEDICAL SCHOOLAnesthesiology

1. Change the status of John R. Muir (non-tenure), effective March 1, 1975, as follows:

From: Assistant Professor

To: Assistant Professor and Director of Anesthesiology, Scottish Rite Hospital, with no change in salary.

Dr. Muir is budgeted at an annual salary rate of \$26,491 payable \$5,298 from Anesthesiology budget and \$21,193 from Texas Scottish Rite Hospital. (RBC No. 440)

2. Appoint James B. Duckett (non-tenure), Assistant Professor, effective March 10, 1975, at an annual salary rate of \$25,000 payable from Veterans Administration V549P-646. (RBC No. 442)

Internal Medicine

3. Delete Edward Rosenthal, Jr. (non-tenure), Assistant Professor, from the budget effective September 1, 1974. Dr. Rosenthal is budgeted at an annual salary rate of \$26,333 payable from Presbyterian Hospital

This RBC is to correct RBC 171 which accepted the resignation of Dr. Rosenthal effective September 6, 1974. (RBC No. 447)

AMENDMENTS TO THE 1974-75 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedInternal Medicine - continued

4. Accept the resignation of Michael Donsky (non-tenure), Instructor, effective March 12, 1975. Dr. Donsky is budgeted at an annual salary rate of \$23,980 payable from Harry S. Moss Estate. (RBC No. 428 Revised)

Microbiology

5. Transfer funds in the amount of \$652.02 from Unallocated Faculty Salaries to Microbiology Teaching Salaries and increase the annual salary rate of John Cambier (non-tenure), Assistant Instructor, effective March 1, 1975, as follows:

From: An annual salary rate of \$10,000 payable from Microbiology budget

To: An annual salary rate of \$11,304 payable from Microbiology budget. (RBC No. 436)

6. Reappoint Miroslav Hauptfeld (non-tenure), Assistant Instructor, effective March 1, 1975, at an annual salary rate of \$13,818 payable from NIH 1 R01 AI-11650. (RBC No. 438)

Ophthalmology

7. Accept the resignation of William J. Stenstrom (non-tenure), Assistant Professor of Ophthalmology and Medical Art and Visual Education, effective April 8, 1975. Mr. Stenstrom is budgeted at an annual salary rate of \$23,580 payable \$12,135 from Ophthalmology budget and \$11,445 from Medical Art and Visual Education budget. (RBC No. 445)

Pediatrics

8. Accept the resignation of Lawrence E. Sims (non-tenure), Dentist, effective March 26, 1975. Dr. Sims is budgeted at an annual salary rate of \$21,420 payable from Texas Department of Health IAC (74-75) 1282. (RBC No. 439)

9. Appoint June B. McFarlin (non-tenure), Dentist, effective March 17, 1975, at an annual salary rate of \$19,645 payable from Texas Department of Health IAC (74-75) 1282. (RBC No. 451)

Radiology

10. Increase the annual salary rate of William J. Kilman (non-tenure), Associate Professor, effective March 1, 1975, as follows:

From: An annual salary rate of \$28,570 payable from Veterans Administration IB 74V-44 0071

To: An annual salary rate of \$30,470 payable from Veterans Administration IB/4V-44 0071. (RBC No. 446)

11. Transfer funds in the amount of \$4,958.31 from Unallocated Faculty Salaries to Radiology Teaching Salaries and appoint Robert A. Middleton (non-tenure), Assistant Professor, 40%, effective February 1, 1975, at an annual salary rate of \$34,000 payable \$21,250 from Radiology budget and \$12,750 from Parkland Memorial Hospital. (RBC No. 433)

AMENDMENTS TO THE 1974-75 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedRadiology - continued

12. Transfer funds in the amount of \$659.22 from Unallocated Faculty Salaries to Radiology Teaching Salaries and increase the annual salary rate of Ernest M. Stokely (non-tenure), Assistant Professor, effective March 1, 1975, as follows:

From: An annual salary rate of \$23,976 payable \$14,650 from Radiology budget, \$4,675 from NIH 1 P17 HL-19669, and \$4,651 from Parkland Hospital

To: An annual salary rate of \$24,976 payable \$15,969 from Radiology budget, \$4,675 from NIH 1 P17 HL-19669, and \$4,332 from Parkland Hospital. (RBC No. 449)

Medical Art and Visual Education

13. Accept the resignation of David K. Hills (non-tenure), Assistant Instructor, effective March 12, 1975. Mr. Hills is budgeted at an annual salary rate of \$11,532 payable from NIH 5 E03 PE-00174. (RBC No. 441)

DALLAS ALLIED HEALTH SCIENCES SCHOOLHealth Care Sciences

1. Transfer funds in the amount of \$1,121.25 from Unallocated Faculty Salaries to Rehabilitation Science Teaching Salaries and reappoint Herbert H. Shore (non-tenure), Adjunct Assistant Professor, 18%, for the period January 1, 1975 thru April 30, 1975, as follows:

For the period January 1, 1975 thru January 31, 1975: At an annual salary rate of \$17,500 payable from Rehabilitation Science budget

For the period February 1, 1975 thru April 30, 1975: At an annual salary rate of \$19,083 payable from Rehabilitation Science budget. (RBC No. 448)

Cat. / Missed / File

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS, GRADUATE SCHOOL OF BIOMEDICAL SCIENCES, BULLETIN SUPPLEMENT 1975-76: On the recommendation of the appropriate Graduate Studies Committees, departmental chairmen, the Dean of the Graduate School of Biomedical Sciences, and the President of The University of Texas Health Science Center at Dallas, approval is respectfully requested for the following document, which is intended to supplement the existing 1974-76 Bulletin of the Graduate School of Biomedical Sciences. The 1974-76 Bulletin of the Graduate School of Biomedical Sciences, The University of Texas Health Science Center at Dallas, remains in force for the 1975-76 academic year, unless specifically modified by this supplement.

Graduate School of Biomedical Sciences
The University of Texas Health Science Center at Dallas Bulletin Supplement 1975-76

This document is a supplement to the existing 1974-76 Bulletin of the Graduate School of Biomedical Sciences. This bulletin remains in force for the 1975-76 academic year, unless specifically modified by this supplement.

The University of Texas System Board of Regents

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*All members of the Board constitute each committee

Vice-Chairman

ACADEMIC CALENDAR, 1975-76

1975

September 1	Labor Day holiday
September 2	Registration and first class day, fall semester
September 17	Last day to add or drop courses
November 7	Deadline for filing Diploma Cards for December graduation
November 26	Deadline for filing approved theses and dissertations for December graduation
November 27-30	Thanksgiving holiday
December 19	End of term

1976

January 16	Registration, spring semester
January 19	First class day, spring semester
February 3	Last day to add or drop courses
March 1	Deadline for filing Diploma Cards for May graduation
April 23	Deadline for filing approved theses and dissertations for May graduation
May 7	End of term
May 29	Commencement exercises
May 31	Memorial Day holiday
June 1	Registration and first class day, summer term
June 16	Last day to add or drop courses
July 5	Independence Day holiday
July 12	Deadline for filing Diploma Cards for August graduation
August 2	Deadline for filing approved theses and dissertations for August graduation
August 20	End of term

GENERAL INFORMATION

Graduate Programs

In October, 1974 the Graduate School of Biomedical Sciences at The University of Texas Health Science Center at Dallas received authorization from the Coordinating Board of the Texas College and University System to offer a new interdepartmental graduate program in Immunology, leading to the degrees of Doctor of Philosophy and Master of Science. A complete description of this program begins on page ___ of this supplement.

For revised admissions requirements, including prerequisites, applicants should make inquiry to individual programs. New courses and other changes in existing programs of the Graduate School are described on pages ___ of this supplement.

Academic Residency

During the academic year 1974-75, the general academic residency requirement of two semesters for graduate degree candidates (as described on page 18 of the 1974-76 Bulletin) was amended by the Graduate Executive Council such that, in exceptional cases, a Graduate Studies Committee and student may outline a program for completion of the Ph.D. degree not meeting this requirement, subject to the approval of an advisory committee appointed by the Dean of the Graduate School and the Dean.

Special Graduate Students

It should be noted that the policies and procedures regarding special graduate students, as described on page 19 of the 1974-76 Bulletin, are under review as of April, 1975. Students wishing to enroll in the Graduate School of Biomedical Sciences on this basis during the 1975-76 academic year are advised to consult the Office of the Dean of the Graduate School for information.

Tuition and Fees

In addition to those fees described on pages 21-22 of the 1974-76 Bulletin, students enrolled for nine hours or more during the fall or spring semester are required to pay a Student Activities Fee of \$20.00 per semester. For eight hours or less the fee is \$2.25 per semester hour. Students enrolled during the summer session taking six hours or more are required to pay \$13.00. For students taking five hours or less during the summer session, the fee is \$2.25 per semester hour.

This Student Activities fee, which is applied toward maintenance of the Skillern Student Union and Health Services, supplants the \$5.00 Student Union fee and \$15.12 Health Service fee described on pages 21-22 of the 1974-76 Bulletin.

The Blue Cross/Blue Shield of Texas hospitalization insurance rates have been modified such that a student plus spouse now pays \$22.62 per month, or \$271.44 per year, while a student with one child or children pays \$18.16 per month, or \$217.92 per year. Rates for students only, and students plus spouse and/or all dependents, remain the same as outlined on page 22 of the 1974-76 Bulletin.

A Late Registration Fee of \$25.00 is now assessed students who fail to register by the dates established each semester by the Registrar. This fee may be waived in cases of emergency with prior approval of the Dean of the Graduate School.

Financial Aid

The Franklin Lindsay Loan Fund described on page 24 of 1974-76 Bulletin has been dissolved.

Students interested in applying for graduate school teaching assistantships, as described on page 25 of the 1974-76 Bulletin, should direct their applications to individual graduate program chairmen.

CURRICULUM CHANGES AND NEW COURSE OFFERINGS - 1975-76

History of Medicine

A formalized 12-14 week non-credit course composed of weekly two-hour lecture-discussion sessions, sponsored by the Department of Environmental Health and Community Medicine and the Library of The University of Texas Health Science Center at Dallas. The course will be taught by several individuals who have interests in various aspects of this subject. Half the course will be chronological coverage of the history of medicine from 1600 to the present, while the remainder will treat the history of specific biomedical specialities. Open to all graduate students.

BIOMEDICAL COMMUNICATIONS

358 Practicum in Biomedical Communications

Students will design a project in photography, cinematography, or television and work under the guidance of section head of that service to complete that project. Faculty-student contact will generally be one-to-one, and efforts will be task-oriented.

361 Embryology

A study of the embryological development of the human. Embryological malformations of interest to the biomedical illustrator are stressed. The use of self-instructional materials are incorporated under the direction of faculty from the Department of Cell Biology.

363 Histology

A study of human cellular structure and organization is accomplished through the utilization of textbooks and projected transparencies of microscopic materials. The use of self-instructional materials are incorporated under the direction of faculty from the Department of Cell Biology.

365 Introduction to Pathology

A study of disease and disease processes of the human, both gross and microscopic. Attendance of selected post-mortem examinations is required.

367 Life Drawing

Drawings from the human body in selected media. Special attention to surface anatomy and kinesiology.

368 Biomedical Photography

The title of this course has been changed to Basic Photography for Health Professionals.

371 Diagnosis and Prescription of Curriculum in Medical Education

Types of medical school curricula. Curriculum development. Social, political and organizational factors that influence curriculum. Parallels between the established and systematic procedures for medical education diagnosis and prescription and similar procedures available for educational decision making.

373 Media Production

Theory and practice of media production addressed to medical subject matter. Experience in organizing, managing and producing projects in cinematography and television.

BIOPHYSICS

560 Organic Chemistry for Biology and Medicine

An intensive course, including a laboratory, emphasizing those aspects that will provide a sound background for Biochemistry 680 and be most useful in a career of biomedical research. Particularly emphasized will be bonding and reaction mechanisms, functional group chemistry, chemistry of aromatic and heterocyclic compounds, redox reactions, asymmetry, conformation analysis, and properties of macromolecules. For students with no, or weak, organic chemistry background.

CELL BIOLOGY

420 Introduction to Histological and Histochemical Techniques

A lecture and laboratory course on the basic principles and practices employed in the preparation of tissues for histological and histochemical examination. Special emphasis is placed on the properties and mode of action of fixatives and other reagents in the demonstration of various cell components and products. The student will be expected to prepare a collection of representative slides to illustrate proficiencies acquired during the course.

230 Modern Concepts in Development

A lecture course designed to introduce graduate and medical students to the fundamental precepts of embryology. A critical analysis of the mechanisms of development will be conducted, concentrating on classical and experimental studies in embryogenesis and organogenesis. These principles will be applied to a survey of human development.

432 Human Visceral Gross Anatomy

This course is designed for graduate students majoring in areas other than anatomy. It begins with a regional study of the respiratory, digestive, and vascular systems of the head and neck, followed by a thorough investigation of the thoracic contents. The last half of the course is devoted to the anatomy of the abdominopelvic organs. The principal emphasis will be on laboratory dissection, supplemented by lectures, demonstrations, and films.

151 Readings in Transplantation

Assigned reading in conjunction with small group discussion of basic principles and unsolved problems associated with the transplantation of tissues and organs. Students enrolling in this course should have a sound knowledge of basic immunology, genetics and cell biology.

MATHEMATICAL SCIENCES

361 Medical Computer Science I

Basic overview of medical computer science, including applications of the computer in medicine. Designed to be a self-contained single-semester course for non-Mathematical Sciences graduate students. Mathematical Sciences students take Mathematical Sciences 362 as well. Representative topics include systems analysis, assembly and programming languages, hardware, operating systems and data structures. Prerequisites: Course in (e.g. Mathematical Sciences 152) or work with a programming language.

362 Medical Computer Science II

Provides a more theoretical follow-up to Medical Computer Science I. Representative topics include formal languages and automata, compiler theory, additional material in hardware systems and programming software; real-time and computational network techniques.

391 Biometrical Analysis I

The title of this course has been changed to Biostatistics I. The course description is changed as follows:

This course provides a one-semester overview of basic statistical methods as applied to problems in the medical and biological sciences. Topics include descriptive measures, one and two sample tests of hypotheses, regression, nonparametric methods, and simple analysis of variance. This course is appropriate for graduate students in all programs.

392 Biometrical Analysis II

The title of this course has been changed to Biostatistics II. The course description is changed as follows:

As a continuation of Biostatistics I, this course covers more advanced topics for the student who anticipates active involvement in data collection and analysis. Students work through typical consulting problems and learn how to use the computer in performing statistical analyses. Topics include sample size determination, interval estimation, multiple regression, and analysis of variance for more complex experiments.

MICROBIOLOGY

The required curriculum for graduate students in Microbiology has been changed as follows:

Each student is required to take Microbiology 680, or its equivalent, and to register for Microbiology 283 (Seminar) in each semester that the student is enrolled. Each student is required to register each semester for at least one section of Microbiology 196A, 196B or 196C (Special Topics) and should have enrolled in each one of the sections at least once during his or her training. Biochemistry 680 and Biostatistics or equivalents are required of all predoctoral students and strongly recommended for Master's candidates. Requirements for additional coursework will depend on each student's background and area of interest and will be determined by the Graduate Studies Committee.

Reading competence in a foreign language is no longer required.

Additional courses to be offered by the Microbiology program in 1975-76 include:

196A Special Topics in Microbiology

Significant new research in the area of microbiology will be presented and discussed. The fundamental and pathogenic aspects of bacteriology will be emphasized but important papers in parasitology and bacterial viruses will also be included. May be repeated for credit.

196B Special Topics in Virology

Significant new research in fundamental and medical aspects of animal virology will be presented and discussed. May be repeated for credit.

196C Special Topics in Immunology

Significant new research in various aspects of immunology will be presented and discussed. May be repeated for credit.

371 Immunogenetics

An advanced graduate course focusing on serum and cellular immunogenetics with emphasis on the genetic systems in man and mouse. Variability of immunoglobulin molecules, human Gm and Inv systems, mouse and rabbit immunoglobulin allotypes, and theories of antibody formation, will be covered in depth. Cellular immunogenetics will focus on allograft reaction, mixed lymphocyte culture and major histocompatibility complexes of mouse and man. Lectures and seminars are included.

PHYSIOLOGY

The language requirement described on page 108 of the 1974-76 Bulletin has been modified. The Department of Physiology still requires that a student show proficiency in a modern foreign language in order to obtain the Ph.D. degree in physiology. However, FORTRAN computer language may not be used by those students entering in the fall of 1975 or after that time to satisfy this requirement.

REHABILITATION COUNSELING

RC 5698 Thesis

IMMUNOLOGY

Chairman, Graduate Studies Committee
J. Wayne Streilein, M.D.

Degrees Offered:
Doctor of Philosophy
Master of Science

FACULTY AND RESEARCH INTERESTS:

Rupert E. Billingham, Professor and Chairman, Cell Biology
D.Sc., Oxford University, England, 1957
Immunologic aspects of mammalian reproduction with special reference to the fetus as a successful allograft. Immunologically privileged sites for tissue allografts.

J. Donald Capra, Professor, Microbiology
M.D., University of Vermont, 1963
Immunoglobulin structure, especially variable region structure; the antibody combining site, theories of antibody diversity, idiotypy, correlation of immunoglobulin structure and function, structure of human allergens, protein sequencing by automated techniques, immunogenetics.

Richard A. Finkelstein, Professor, Microbiology
Ph.D., University of Texas at Austin, 1955
Pathogenesis and immunology of cholera; enterotoxigenic E. coli disease; gonorrhoea.

Joseph J. LoSpalluto, Professor, Biochemistry-Surgery
Ph.D., New York University, 1953
Mechanism of induction of lymphoid cells; effect of age on lymphocyte function, lymphokines, and lysosomal proteases.

Morton D. Prager, Professor, Biochemistry-Surgery
Ph.D., Purdue University, 1951
Stimulation and characterization of immune response against malignant cells, augmentation with lymphocyte stimulators, tumor antigen modification, specificity of anti-leukemic cell antibodies.

J. Donald Smiley, Professor, Internal Medicine
M.D., Johns Hopkins University, 1956
Immune aspects of rheumatoid arthritis including immunoglobulins produced in vitro by excised synovial membrane and the role of cellular immunity in this disorder.

J. Wayne Streilein, Professor, Cell Biology
M.D., University of Pennsylvania, 1960
Studies in the immunobiology of transplantation include the pathogenesis of graft-versus-host reactions, the role of the spleen in immunoregulation, and immunogenetics of Syrian hamsters.

Jonathan W. Uhr, Professor and Chairman, Microbiology
M.D., New York University School of Medicine, 1952
Cellular Immunology: The biochemistry and biology of recognition units on lymphocytes, in particular, Ir and products of the IX linkage group in mice.

Morris Ziff, Professor, Internal Medicine
M.D., New York University, 1948
Immunological aspects of the connective tissue diseases and the mechanisms underlying inflammation in these diseases. Role of immune complexes, complement, cellular immunity and lymphokines in inflammation. Investigation of tissue in an attempt to relate cell structure and distribution to the mechanisms of inflammation; role of viral antigens in SLE.

Alan E. Beer, Associate Professor, Cell Biology
M.D., Indiana University, 1962
Utilizing mammalian pregnancy as a model for studying immunoregulatory processes of cell mediated hypersensitivity.

Hugo E. Jasin, Associate Professor, Internal Medicine
M.D., Buenos Aires University School of Medicine, 1956.
Mechanisms of trapping of immune complexes in tissues. Characterization of circulating mononuclear cells in systemic lupus erythematosus. The role of serum complement in defense mechanisms.

Jan Klein, Associate Professor, Microbiology
Ph.D., Czechoslovak Academy of Sciences, 1964
Immunogenetics of cell surface antigens, particularly transplantation antigens. Genetics of immune response. Antigenic variability in tumor cells.

John A. Shadduck, Associate Professor, Pathology
D.V.M., Ohio State University, 1963; Ph.D., Ohio State University, 1967
Pathogenesis and immunopathology of infectious diseases.

Peter Stastny, Associate Professor, Internal Medicine
M.D., San Marcos University, 1958.
Histocompatibility antigens and their relation to transplantation and disease; other aspects of transplantation immunology; mediators of cellular immunity (lymphokines).

Marvin J. Stone, Associate Professor, Internal Medicine
M.D., University of Chicago, 1963
Plasma cell dyscrasias, human monoclonal antibodies, detection of circulating immune complexes, cryoglobulins, Bence Jones proteins, immunoglobulin changes in graft-versus-host disease.

Ellen S. Vitetta, Associate Professor, Microbiology

Ph.D., New York University, 1968

The biology and biochemistry of immunoglobulins, alloantigens and other receptor molecules of the surface of immunocytes.

Donald E. Carlson, Assistant Professor, Radiology

Ph.D., University of Tennessee, 1968

Radiation effects on immune responses; tumor immunology relating to therapy with negative pi mesons.

Leon Eidels, Assistant Professor, Microbiology

Ph.D., University of California at Davis, 1970

Biosynthesis of the carbohydrate moieties of immunoglobulins, their function in secretion and in translocation between membrane systems, and their interaction with other membrane components.

James Forman, Assistant Professor, Microbiology

D.M.D., Tufts University, 1965; Ph.D., Tufts University, 1971

Cellular immunology, cell-mediated cytotoxic effector mechanisms.

James N. Gilliam, Assistant Professor, Internal Medicine and Dermatology

M.D., Baylor University, 1964

Immunopathogenesis of autoimmune diseases. The significance of sub-epidermal immunoglobulin deposition in New Zealand mice and patients with systemic lupus erythematosus.

David A. Hart, Assistant Professor, Microbiology

Ph.D., Michigan State University, 1969

Lymphocytic activation and suppression, lymphokines, lymphocyte membrane phenomenon.

Eric R. Hurd, Assistant Professor, Internal Medicine

M.D., Oklahoma University, 1962

Role of phagocytosis of immune complexes in production of the neutropenia of Felty's Syndrome.

John R. Kettman, Assistant Professor, Microbiology

Ph.D., Oregon State University, 1968

T-B cell interaction; mitogen mechanisms; cellular events during induction of unresponsiveness; cell mediated immunity.

Edward J. Moticka, Assistant Professor, Cell Biology

Ph.D., University of Illinois, 1970

Function of T cells in the control of immune processes; mechanism of non-specific immunoglobulin synthesis following antigenic challenge.

James W. Smith, Assistant Professor, Internal Medicine

M.D., Louisville University, 1960

Investigate local immune aspects of urinary tract infections, especially relating to pathogenesis, long term prognosis, and diagnosis.

Howard R. Toben, Assistant Professor, Cell Biology

Ph.D., Ohio State University, 1971

Analysis of T and B lymphocytes from humans in normal and disease states. Studies on antigens associated with the surface membranes of human lymphocytes.

OBJECTIVES

The Immunology graduate program is administered by the Graduate School of Biomedical Sciences at The University of Texas Health Science Center. The faculty of this interdepartmental program is drawn from the Departments of Biochemistry, Cell Biology, Internal Medicine, Microbiology, Pathology, and Radiology of the Southwestern Medical School. The Immunology graduate program has been designed to provide young individuals interested in pursuing careers in immunology with a solid theoretical and experimental foundation in this relatively new discipline leading to a degree of Doctor of Philosophy. Its objective is to train a cadre of independent investigators able to teach effectively and to conduct meaningful research in immunology both at the fundamental level as well as at the clinical level.

A distinguishing characteristic of this graduate studies program is its multidisciplinary research approach. General areas of current research interests include transplantation immunobiology, immunoglobulin structure and function, immune response to cancer, immune aspects of rheumatoid arthritis, graft-versus-host reactions, recognition units on lymphocytes, reproductive immunobiology, autoimmune disease, genetics of immune response, immunopathology of infectious disease, histocompatibility antigens, plasma cell dyscrasia, radiation and immune response, cell mediated cytotoxic effect mechanisms, lymphocyte activation, T and B cell interactions, nonspecific immunoglobulin synthesis and human lymphocyte antigens.

The emphasis of this program is directed toward the Ph.D. degree; under certain circumstances a Masters degree will also be offered. In addition, courses in Microbiology, the cellular basis of immunology and immunogenetics will be undertaken. Additional pertinent courses will be utilized in accordance with the individual student's requirements.

Two doctoral examinations are required. A general qualifying examination--written, oral or both--is taken by the student after satisfying the major course work and usually after two years of residency. A final oral defense examination, which is a requirement for the awarding of the Ph.D. degree, deals primarily with the student's dissertation and closely related subjects.

Financial support is available on a competitive basis. Students should apply for graduate admission approximately six months prior to the desired time of admission.

FACILITIES

The major participants in the Immunology program are housed in new and extensive laboratories and teaching facilities. The supporting departments are very well equipped for modern immunological research. Significant items of equipment include four transmission electron microscopes, two scanning electron microscopes, a Cs¹³⁷ gamma radiation source, preparative and analytical ultracentrifuges, fluorescent microscopes, particle counters including a size distribution analyzer, and radiotracer counting equipment for both gamma and beta emitters. High voltage electrophoresis, protein sequencers, amino acid analysis equipment and fully automatic gas chromatography equipment are available for structural investigations. Facilities also include electrophoretic equipment, isoelectric focusing equipment, a virus isolation unit for biohazardous material and large scale tissue culture units.

REQUIREMENTS FOR ADMISSION

Applicants are expected to have had at least a thorough college-level training in biology, chemistry and physics. The following materials should be sent to the Admissions Committee chairman, Graduate Program in Immunology:

1. Two complete application forms from the Graduate School of Biomedical Sciences.
2. Two copies of transcripts from each college attended.
3. Two letters of recommendation.
4. A list of courses in which the applicant is currently enrolled or which he or she plans to complete prior to graduation from his or her current program.
5. A list of any relevant teaching and/or research experience the applicant may have had.
6. A statement indicating the applicant's reasons for wishing to pursue graduate education in Immunology.

In addition, the Graduate School of Biomedical Sciences requires all applicants to take the Graduate Record Examination. Applicants must make arrangements to have the Educational Testing Service forward the results of the test directly to the Graduate School of Biomedical Sciences.

CURRICULUM

A four-year prototypic curriculum is outlined:

First year

First semester	Cell Biology 580 Biochemistry 680 Cell Biology 188, Human Genetics
Second semester	Fundamentals and Methods in Immunology (Immunology 611)

Second year

First semester	Cellular Basis of Immunology (Immunology 314) Microbiology 680
Second semester	Immunogenetics (Immunology 313) Research

Third and fourth years

Research Advanced Topics in Immunology (Immunology 296) Journal Club of choice (Immunology 183)

COURSES OFFERED

611 Fundamentals and Methods in Immunology

This course is designed as a basic introduction to immunology through lecture-seminars and laboratory experiences. The topics to be covered span the breadth of contemporary immunology and provide the student with the basic principles and experimental techniques with which to approach investigative problems in the fields. The lecture-seminar portion (Fundamentals of Immunology) will comprise a three-semester-hour series of presentations covering a one-semester interval. In the Methods portion of this course, students will rotate through the various investigative laboratories concerned with immunology on this campus.

311 Tumor Biology

A basic course in the fundamentals of tumor biology is given as a lecture series at the rate of three hourly sessions per week for a full semester. Prerequisites for the course include satisfactorily completed course work (or equivalent) in cell biology, biochemistry and genetics. The objectives of the course are to provide the student planning to pursue a degree in cancer immunology with a basic fund of information grouped and taught under the general headings of oncogenesis, tumor cell biology and biochemistry and host-tumor interrelationships. This course serves as a prerequisite for an advanced course in tumor immunology.

312 Tumor Immunology

This three-semester hour course is designed to present the student with basic information about the immunology of malignant neoplasms and to acquaint him with issues of current concern to tumor immunologists. The course will be largely presented from recent reviews and from the current periodical literature in tumor immunology.
Prerequisites: Tumor Biology and Fundamentals and Methods in Immunology

313 Immunogenetics

This course is an advanced graduate course (both lectures and seminars) which will focus on serum and cellular immunogenetics with special emphasis on the genetic systems in man and the mouse.

314 Cellular Basis of Immunity

This course will establish in the student's mind an appreciation and guide to literature of cellular immunology. Principal established features of immunity will be explored and main areas of continued intense investigation will be pointed out. The contact hours will consist of both formal lectures as well as student presentation of selected key research papers and other resource items. Topics for consideration will include: stem cells, ontogeny of B and T lymphocytes, antibody mediated effector mechanisms, receptors, cell-mediated effector mechanisms, tolerance, control of expression of immunity, mechanisms of cell cooperation, cellular basis of immunology memory.

315 Membranes in Immunology

The purpose of this course is to acquaint the student with the structure and function of membranes in lymphocytes, plasma cells and macrophages.

316 Diagnostic Immunology

The diagnostic immunology course will consist of lectures, conferences, and laboratory exercises which will allow the student to appreciate the immune system of human subjects under normal or pathological conditions such as lymphoid and nonlymphoid malignancies. The topics for consideration will be: (1) normal and abnormal differentiation antigens of human T and B lymphocytes; (2) the immune function of normal and abnormal lymphocytes, and (3) analysis of the complement system in normal and patients with disease states.

317 Radiation Immunology

The radiation immunology course is intended to acquaint students with the effect of radiation on the immune system of experimental animals and human subjects. Formal lectures and outside readings covering topics of the effect of radiation on T and B cell interaction, macrophages, sensitivity of cells in the humoral and cellular immune responses and the immune status of humans with lymphoid and nonlymphoid malignancies will be presented.

318 Ontogeny and Phylogeny of Immune Response

The course in ontogeny and phylogeny is designed to reveal the relationships between the development of immunological responsiveness and the initiation of immunological reactivity following antigenic stimulation. The various activities observed during an immune response are compared and contrasted with the phylogenetic and ontogenetic development of responsiveness. While emphasis is placed on the evolution of the mammalian immunological apparatus, initial attention is focused on the mechanisms responsible for the determination of self and non-self in both the animal and plant kingdoms.

319 Transplantation Immunology

The course will comprise an integrated series of lectures, with conferences and lab demonstrations covering both basic and clinical aspects of transplantation. Topics to be covered include: immunobiology, the genetic basis of histocompatibility, the modus operandi of various processes that lead to allograft rejection in vivo and their various in vitro correlates, the natural and artificial control or suppression of the processes, immunologically privileged sites and tissues, graft-versus-host reactions, the feto-placental unit as a successful allograft.

320 Immunobiology of Mammalian Gestation

The successful development to term of mammalian fetuses as allografts remains one of the most enigmatic phenomena in transplantation immunology. Pregnancy can be regarded as a graft-host relationship, like that established by an organ transplant. It is an unusual one in that the embryo seems to be indifferent to the maternal immune response. As such, pregnancy offers a unique experimental situation for studying blocking or control factors that can exert an inhibitory influence on the development and deployment of cellular immunity to transplantation, organ-specific as well as embryonal antigens. Laboratory procedures will acquaint the students with husbandry of inbred strains of animals, preparation of cells and tissues for both in vitro and in vivo procedures as well as methods in experimental embryology.

321 Immunochemistry

The course will cover aspects of protein chemistry as applied to antibodies, antigen-antibody interactions and structure-function relationships. Methodology applying principles such as fluorescent antibody techniques, radioimmunoassays and hybrid antibodies will be studied. The format of the course will be a combination lecture-seminar with student participation. Both contemporary and classical literature will be covered.

Prerequisites: Biochemistry, Fundamentals and Methods of Immunology and permission of the instructor.

322 Immunopathology and Immunopathology of Neoplastic Disease

The course is intended to acquaint students with representative human and animal diseases in which significant aberrations of the immune systems occur. Major emphasis will be given to consideration of mechanisms by which aberrations of the immune system result in the production of lesions. Pathogenesis, recognition and differentiation of immunological diseases of man and relevant animal models will be discussed in the context of modern concepts and methods in immunology. In addition, spontaneous and experimentally induced animal diseases which bear on the function of the immune system will be presented. Prerequisites: General pathology of inflammation and oncogenesis or equivalent. Second-year status in the Immunology graduate program or permission of the instructor.

123,223,323 Special Topics in Immunology

Seminars, conferences, readings, laboratory activities, workshops or a combination of these to provide instruction in specific areas of immunology. Work to be arranged on an individual basis.

Prerequisite: Permission of advisor and instructor.

183 Seminars and Journal Clubs

Each student will participate throughout his training interval in an ongoing series of seminars entitled Advanced Topics in Cancer Immunology under the sponsorship of the Immunology graduate program. In addition, participation will be mandatory in one of the diverse journal clubs now operative in immunology (Department of Cell Biology), immunology (Department of Microbiology), virology (Department of Microbiology), immunology (Department of Internal Medicine), oncology (Department of Internal Medicine).

284-984 Research

May be repeated for credit. Research is conducted in areas on immunology. The nature of the work is determined by consultation with the graduate studies committee.

Prerequisite: Fundamentals and Methods in Immunology.

189 Immunology

An interdisciplinary course given over a ten-day interval at the completion of the first semester. The immune response is treated as a homeostatic protective mechanism. Cellular and humoral immunities are considered with regard to the ontogeny of their precursor cells, and the interactions and transformations that underlie the production of effectors, and the nature of the latter, following exposure to antigenic material. Specific topics covered include the nature of antigens and antibodies and their interaction, complement, immediate and delayed hypersensitivity, isoantigens and autoantigens, tumor immunology, transplantation immunology, immunosuppression by antigen, antibody and drugs. The lectures are integrated with case presentations and laboratory sessions. This course is the same as Cell Biology 189 and Biochemistry 189.

296 Advanced Topics in Immunology

This course is designed to teach students how to evaluate critically current literature in the field of immunology. Weekly meetings will consist of a student presentation covering a particular topic. The student will first briefly outline the background material and then review a series of recent articles and relate how they fit into current concepts. A critical evaluation of the experimental data, methodology, and conclusions in the articles will be discussed by all participants and led by the instructors.

398,698 Thesis

A thesis in research under faculty supervision is required for a Master's degree.

399.699 Dissertation

A dissertation based on original research is required of candidates for the degree of Doctor of Philosophy and must represent a contribution to scientific knowledge. Before undertaking a doctoral thesis the student must pass qualifying examinations for admission to candidacy

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

May 10, 1975

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas

Dear Chancellor LeMaistre:

The docket for the June 5, 1975 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 "William C. Levin".

William C. Levin, M.D.
President

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONINSTITUTIONAL DOCKETBOARD OF REGENTS' MEETING JUNE 5, 1975

APPOINTMENTS AND RESIGNATIONS OF STAFF MEMBERSHIPS ON THE MEDICAL STAFF OF THE UNIVERSITY OF TEXAS MEDICAL BRANCH HOSPITALS AT GALVESTON: On the recommendation of the Executive Committee of the Medical Staff, approval of the following appointments and resignations on the Medical Staff is respectfully requested:

1. Appoint Hugo Villar-Valdea, M.D., Assistant Professor, Department of Surgery, Division of General Surgery, to Full Time Attending Membership on the Medical Staff with private patient privileges.
2. Resign Lynn L. Pearson, M.D., Clinical Instructor, Department of Surgery, Division of Orthopedic Surgery, from Part Time Attending Membership on the Medical Staff.

TRAVEL IN EXCESS OF 29 DAYS: In compliance with Section 13:33 of Chapter III of Part II of the Rules and Regulations of the Board of Regents for the Government of The University of Texas System, I recommend approval of the following travel requests:

1. Dr. L. B. Morettin, Associate Professor, Department of Radiology, to Varese, Italy for the period April 15, 1975 through June 30, 1975 on sabbatical leave. Dr. Morettin's expenses are to be paid from an E. R. Squibb Grant.
2. Dr. John M. Russell, Assistant Professor, Department of Physiology and Biophysics, to Woods Hole, Massachusetts for the period April 26, 1975 through June 14, 1975 to do research at the Marine Biological Laboratory. Dr. Russell's expenses are to be paid from DHEW Grant No. 1 R01 NS 11946-01.
3. Mr. Terry L. Hurst, Research Technician, Department of Physiology and Biophysics, to Woods Hole, Massachusetts for the period April 26, 1975 through June 14, 1975 to do research at the Marine Biological Laboratory. Mr. Hurst's expenses are to be paid from DHEW Grant No. 1 R01 NS 11946-01.

PROPOSED INCREASE IN ROOM CHARGES FOR THE MEDICAL BRANCH HOSPITALS: In order to offset increased operating costs and emergency pay increases and to place charges in line with Medicare cost reporting, approval is requested for the following increases in room rates for the Medical Branch Hospitals, effective July 1, 1975:

<u>TYPE OF ACCOMMODATION</u>	<u>CURRENT RATE EFFECTIVE 09-01-74</u>	<u>PROPOSED RATE EFFECTIVE 07-01-75</u>	<u>HOSPITAL</u>
Suites	\$ 80.00	\$ 85.00	Jennie Sealy
Private	43.00	48.00	John Sealy
	52.00	57.00	Randall Pavilion
	54.00	59.00	John Sealy
	54.00	59.00	John Sealy
	55.00	60.00	Graves Psychiatric Hospital

PROPOSED INCREASE IN ROOM CHARGES - continued

<u>TYPE OF ACCOMMODATION</u>	<u>CURRENT RATE EFFECTIVE 09-01-74</u>	<u>PROPOSED RATE EFFECTIVE 07-01-75</u>	<u>HOSPITAL</u>
Private (Con't)	\$ 57.00	\$ 62.00	Randall Pavilion
	61.00	66.00	R.W.S. Pavilion
	65.00	70.00	Jennie Sealy
	65.00	70.00	Graves Psychiatric Hospital
	70.00	75.00	R.W.S. Pavilion
Semi-Private	43.00	48.00	John Sealy
	46.00	51.00	Ziegler
	47.00	52.00	Randall Pavilion
	49.00	54.00	Randall Pavilion
	49.00	54.00	Ziegler
	50.00	55.00	Graves Psychiatric Hospital
	51.00	56.00	Graves Psychiatric Hospital
	51.00	56.00	John Sealy
	52.00	57.00	Graves Psychiatric Hospital
	52.00	57.00	John Sealy
	53.00	58.00	R.W.S. Pavilion
	53.00	58.00	Graves Psychiatric Hospital
	58.00	63.00	Jennie Sealy
	60.00	65.00	John Sealy
	60.00	65.00	Clay Hall
55.00	60.00	Graves Psychiatric Hospital	
Wards	37.00	44.00	Children's Hospital
	37.00	44.00	John Sealy
	39.00	46.00	John Sealy

A K F

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:

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. *American Medical Association Education and Research Foundation 535 N. Dearborn Street Chicago, Illinois 60610	For support of education and research.	\$5,629.52
2. *Dr. and Mrs. J. B. Heath 809 E. Main P. O. Box 728 Madisonville, Texas 77864	For the establishment of a lectureship entitled "Jesse B. Heath Lectureship in Family Medicine."	\$10,000.00 / <i>and</i>
3. The Sealy & Smith Foundation For the John Sealy Hospital 200 University Boulevard Galveston, Texas 77550	For the purchase of a "Cavitron-Kelman Phaco- emulsifier Aspirator" for the Department of Ophthalmology.	\$29,000.00
4. Standard Oil Company of California c/o Chevron Oil Field Research Company La Habra Laboratory P. O. Box 446 La Habra, California 90631	For membership in the 1975 Industrial Associates Program of The University of Texas Marine Sciences Institute - Geophysics Laboratory.	\$20,000.00
5. *The University of Texas Medical Branch Hospital Auxiliary c/o Mrs. J. A. McCrary, III President 7717 Beaudelaire Galveston, Texas 77550	For support of scholarships (Rosa Mae Pietsch Nursing Scholarships) for nursing students in the Clinical Nursing School at Galveston.	\$5,000.00

A K F

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL):

- *Helena Laboratories
1530 Lindbergh
Beaumont, Texas 77707

Research Grant - Evaluation of Effectiveness of New Serological Reagents
\$500
Dr. Gerald A. Beathard
- The Hogg Foundation for Mental Health
The University of Texas
Austin, Texas 78712

Project - Symposium and Fellowships, Institute for the Medical Humanities
\$12,000
May 1, 1975 until funds are expended
Dr. Chester R. Burns

*No letter of transmittal received from the donor

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

3. The Hogg Foundation for Mental Health
The University of Texas
Austin, Texas 78712

Research Project - Evaluation of Perceptual-Cognitive Development in Developmentally Disabled Participants in an Infant Development Program

\$2,695

April 1, 1975 until funds are expended

Dr. Nancy W. Stone

4. Leukemia Society of America, Inc.
211 East 43rd Street
New York, New York 10017

Special Fellowship Grant for support of Investigation of a "Cytotoxic" Serum Factor

\$31,000

July 1, 1975 through June 30, 1977

Dr. Thomas Monahan, Fellow

Dr. Creed W. Abell, Sponsor

5. The Moody Foundation
704 Moody National Bank Building
Galveston, Texas 77550

Grant No. 74/261

\$12,000

To assist in underwriting the costs of publishing the research findings in renal disease in a Special Supplement to the Journal of Pediatrics.

April 1, 1975 until funds are expended

Dr. Warren F. Dodge

6. National Endowment for the Humanities
Washington, D.C. 20506

Grant No. FP-22130-75-251

For support of the Humanities Seminar for Medical Practitioners

\$31,697

November 30, 1974 through November 29, 1975

Dr. H. Tristram Engelhardt, Jr.

This is a new award.

7. The National Research Foundation on Aging
1810 East 15th Street
Tulsa, Oklahoma 74104

Research Grant - Study of the Role of Thymosin in Aging and Host Immunity

\$5,000

April 1, 1975 through March 31, 1976

Dr. Allan L. Goldstein

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

8. The University of Texas Health Science Center at Houston
Contracts and Grants Management
P. O. Box 20036
1100 Holcombe Boulevard
Houston, Texas 77025
- Modification to Subcontract under Research Contract No. NIH-NICHD 72-2704
\$350
June 23, 1974 through June 22, 1975
Ultrastructural Changes in Sertoli Cells in Rats Under Various Hormonal Conditions
Dr. B. R. Brinkley
This modification provides \$350 additional funds to support The University of Texas Medical Branch at Galveston's participation in this ongoing project, increasing the total budget to \$34,542. There is no change in the performance period.
9. The Robert A. Welch Foundation
2010 Bank of the Southwest Building
Houston, Texas 77002
- Research Grant No. H-378 (Renewal)
Chemical Characterization of Haptoglobin
\$51,000
June 1, 1975 through May 31, 1978
Dr. Barbara H. Bowman
10. The Robert A. Welch Foundation
2010 Bank of the Southwest Building
Houston, Texas 77002
- Research Grant No. H-393 (Renewal)
The Chemical Composition and Function of Nonhistone Chromosomal Proteins
\$51,000
June 1, 1975 through May 31, 1978
Dr. Viktor Holoubek
11. The Robert A. Welch Foundation
2010 Bank of the Southwest Building
Houston, Texas 77002
- Research Grant No. H-416 (Renewal)
Oxidation of Aromatic Amines and Polycyclic Hydrocarbons
\$48,000
June 1, 1975 through May 31, 1978
Dr. Norman M. Trieff
12. The Robert A. Welch Foundation
2010 Bank of the Southwest Building
Houston, Texas 77002
- Research Grant No. H-520 (Renewal)
Study of Marine Geochemistry of ⁹⁰Sr, ¹³⁷Cs and ²²⁶Ra
\$20,000
June 1, 1975 through May 31, 1976
Dr. A. D. Suttle, Jr.
13. The Robert A. Welch Foundation
2010 Bank of the Southwest Building
Houston, Texas 77002
- Research Grant No. H-609 (New)
The Decompositions of Isotopically Labelled Metastable Ions
\$45,000
June 1, 1975 through May 31, 1978
Dr. David J. McAdoo

00 K A

GRANTS, CONTRACTS AND AGREEMENTS (STATE)

1. Amendment No. 1 to Interagency Cooperation Contract No. IAC (74-75)-1137 between The University of Texas Health Science Center at Houston, Speech and Hearing Institute, and The University of Texas Medical Branch at Galveston, Department of Pediatrics, Division of Child Development, which increases the total amount of the contract by \$411.00 in accordance with Senate Bill 1, 64th Legislature, Emergency Pay Legislation. The contract period for the amended contract is from February 1, 1975 through August 18, 1975. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Dr. W. C. Levin, President. The contract was signed by the State Board of Control on February 1, 1975.
2. Amendment No. 1 to Interagency Cooperation Contract No. IAC (74-75)-1142 between the Texas State Department of Health and The University of Texas Medical Branch at Galveston which increases the total amount of this contract to \$1,672.00 to comply with Senate Bill No. 1, Increase Pay Legislation. The contract period for the amended contract is from March 27, 1975 through August 31, 1975. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Mr. V. E. Thompson, Vice-President for Business and Hospital Affairs. The contract was signed by the State Board of Control on March 27, 1975.
3. Amendment No. 1 to Interagency Cooperation Contract No. IAC (74-75)-1143 between the Texas State Department of Health and The University of Texas Medical Branch at Galveston which increases the total amount of this contract to \$34,737 in accordance with Senate Bill 1, 64th Legislature, Emergency Pay Legislation. The contract period for the amended contract is from February 1, 1975 through August 31, 1975. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Dr. W. C. Levin, President. The contract was signed by the State Board of Control on February 1, 1975.
4. Amendment No. 1 to Interagency Cooperation Contract No. IAC (74-75)-1144 between the Texas State Department of Health and The University of Texas Medical Branch at Galveston which increases the total amount of this contract to \$54,426.00 to comply with Senate Bill No. 1, Increase Pay Legislation. The contract period for the amended contract is from March 27, 1975 through August 31, 1975. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Mr. V. E. Thompson, Vice-President for Business and Hospital Affairs. The contract was signed by the State Board of Control on March 27, 1975.
5. Amendment No. 1 to Interagency Cooperation Contract No. IAC (74-75)-1145 between the Texas State Department of Health and The University of Texas Medical Branch at Galveston which increases the total amount of this contract to \$7,800.00 to comply with Senate Bill No. 1, Increase Pay Legislation. The contract period for the amended contract is from March 27, 1975 through August 31, 1975. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Mr. V. E. Thompson, Vice-President for Business and Hospital Affairs. The contract was signed by the State Board of Control on March 27, 1975.

GRANTS, CONTRACTS AND AGREEMENTS (STATE) - continued

6. Amendment No. 1 to Interagency Cooperation Contract No. IAC (74-75)-1203 between the University of Texas System School of Nursing and The University of Texas Medical Branch at Galveston which amends the contract to include the use of League Hall consisting of 6,975 square feet and located on The University of Texas Medical Branch campus for office and classroom space. (This increases the total square footage of office and classroom space included in this contract to 21,478.) Included in this performance will be the cost of all custodial service, administrative costs, general maintenance and operation, including electricity, heat, water and the necessary repairs, supplies and equipment expense necessary to keep the facility in a first class operating condition. The monthly charge is increased from \$3,625.75 to \$5,369.50 for the period March 1, 1975 through August 31, 1975. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Mr. V. E. Thompson, Vice-President for Business and Hospital Affairs. The contract was signed by the State Board of Control on February 28, 1975.

7. Interagency Cooperation Contract No. IAC (74-75)-1625 between The University of Texas Medical Branch at Galveston and the Texas State Department of Health by which the Texas State Department of Health provides \$150.00 for a speaker from The University of Texas Medical Branch to make a presentation during the Hemoglobinopathy Seminar to be sponsored by the Texas State Department of Health at Austin, Texas on May 5, 1975. The contract was signed on behalf of The University of Texas Medical Branch by Dr. W. C. Levin, President. The contract was signed by the State Board of Control on April 25, 1975.

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONFEDERAL CONTRACTS AND GRANTSBOARD OF REGENTS' MEETING JUNE 5, 1975

20 A F

1. Department of Health, Education, and Welfare
Alcohol, Drug Abuse, and Mental Health Administration
National Institute of Mental Health

Research Grant No. 5 R01 MH 14675-08
\$96,915
May 1, 1975 through April 30, 1976
Clinical Psychopharmacology Computer Laboratory. This grant supports the operation of a computer facility to evaluate drug therapy in psychiatric patients.
Dr. John E. Overall
This is the eighth year of a continuing project.
Galveston County

2. *Department of Health, Education, and Welfare
National Institutes of Health
Division of Research Resources

Grant No. 5 S01 RR05427-14
\$200,364
January 1, 1975 through December 31, 1975
General Research Support Grant
Dr. Edward N. Brandt, Jr.
Galveston County

3. Department of Health, Education, and Welfare
National Institutes of Health
National Cancer Institute

Research Grant No. 5 R01 CA 14108-04
\$33,626 plus indirect costs
April 1, 1975 through March 31, 1976
Role of the Thymus in Cancer Induction by Viruses. The goals of this study is to continue the investigations into the endocrine role of the thymus gland and the biological role played by thymosin in the induction of virus-induced neoplastic tumors.
Dr. Allan L. Goldstein
This is the fourth year of an ongoing project.
Galveston County

4. *Department of Health, Education, and Welfare
National Institutes of Health
National Heart and Lung Institute

Research Grant No. 5 R01 HL 16443-02
\$34,769 plus indirect costs
April 1, 1975 through March 31, 1976
Plasma Inhibitor of Profibrinolysin Activation. This project study will attempt to determine the active sites on the antiactivator molecule that are blocked by effective compounds.
Dr. Luddo B. Nanninga
This award is for the second year of an ongoing project.
Galveston County

*Originally signed award letter not received.

FEDERAL CONTRACTS AND GRANTS - continued

5. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of General Medical Sciences
- Training Grant No. 5 T01 GM 00459-15
\$64,704
July 1, 1975 through June 30, 1976
Anatomy Training Grant
Dr. Walther J. Hild
This is the fifteenth year of an ongoing program.
Galveston County
6. Department of Defense
Department of the Navy
Office of Naval Research
- Modification No. 03 to Research Contract No. N00014-68-A-0105-0003
No new funds involved
December 1, 1973 through February 28, 1975
Rheologic Alterations in Decompression Sickness. This project deals with studies of the role of rheologic alterations of blood in the pathogenesis of decompression sickness.
Dr. Charles H. Wells
This modification extends the contract performance period for three months without additional funds.
Galveston County
7. National Aeronautics and Space Administration
- Modification No. 3S to Research Contract No. NAS9-13102
No new funds involved
July 1, 1972 through January 1, 1976
Cytogenetic Studies of the Blood. The purpose of this contract is to acquire data that will add to the findings of Skylab biomedical experiments to yield a greater understanding of the effects of space travel on man.
Dr. Lillian H. Lockhart
This modification extends the contract performance period without additional funds.
Galveston County
8. Department of Health, Education, and Welfare
National Institutes of Health
National Cancer Institute
- Research Grant No. 1 R01 CA 17872-01
\$32,361 plus indirect costs
May 1, 1975 through April 30, 1976
Derivation of Carcinogenic Epoxides. The objective of this study is to determine whether oxidized sterol derivatives and certain other oxidized organic compounds form as a natural matter in the human and whether such oxidized compounds are associated with, provoke, or cause cancer in humans and in test animals.
Dr. Leland L. Smith
This is a new three year grant award.
Galveston County

FEDERAL CONTRACTS AND GRANTS - continued

9. *Department of Health, Education, and Welfare
National Institutes of Health
National Heart and Lung Institute
- Research Grant No. 2R01 HL 14828-04
\$37,628 plus indirect costs
May 1, 1975 through April 30, 1976
Cardiac Adaptation to Physical Training. Data derived from this study will give important information concerning the effect of exercise on the heart.
Dr. Hubert L. Stone
This is the first year of a three year renewal award.
Galveston County
10. Department of Health, Education, and Welfare
National Institutes of Health
National Cancer Institute
- Research Grant No. 1 R18 CA 17961-01
\$56,200 plus indirect costs
May 1, 1975 through April 30, 1976
019 Electronic Laryngeal Prosthesis. The goal of this project is to develop an implantable plastic-enclosed transducer which will be placed in the hypopharyngeal wall and will be activated by a hand held radio frequency generator (electronic laryngeal prosthesis).
Dr. Byron J. Bailey
This is a new three year grant award.
Galveston County
11. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Allergy and Infectious Diseases
- Grant No. 1 K07 AI00110-01
\$34,614
May 1, 1975 through April 30, 1976
Academic Career Development Award.
Dr. J. Andrew Grant
This is a new five year grant award.
Galveston County
12. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Neurological and Communicative Disorders and Stroke
- Research Grant No. 5 R01 NS 11764-03
\$34,770 plus indirect costs
May 1, 1975 through April 30, 1976
Fluctuation Phenomena and Ion Movements in Membranes. The purpose of this study is to apply a relatively new approach to the question of how ions move through cell membranes.
Dr. Harvey M. Fishman
This is the third year of a continuing project.
Galveston County

*Originally signed award letter not received.

FEDERAL CONTRACTS AND GRANTS - continued

- 13.*Department of Health, Education, and Welfare
National Institutes of Health
National Heart and Lung Institute

Research Grant No. 1 ROI HL 17822-01
\$25,816 plus indirect costs
May 1, 1975 through April 30, 1976
Radioimmunoassay of Hyper and Hypocoagulable States. The purpose of this project is to develop radioimmunoassay procedures for a pathogenic mechanism.
Dr. James P. Chen
This is a new three year grant award.
Galveston County

- 14.*Department of Health, Education, and Welfare
National Institutes of Health
National Heart and Lung Institute

Research Grant No. 2ROI HL 10160-10
\$80,357 plus indirect costs
May 1, 1975 through April 30, 1976
Origins of Atherosclerosis. This study is to determine the relationship between the presence of oxidized cholesterol derivatives in the human aorta and the initiation and progression of atherosclerosis.
Dr. Leland L. Smith
This is the first year of a five-year renewal award.
Galveston County

15. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Arthritis, Metabolism and Digestive Diseases

Research Grant No. 1 ROI AM 18513-01
\$31,966 plus indirect costs
May 1, 1975 through April 30, 1976
Endocrinology of Nonsuppressible Insulin-Like Activity. The objective of this project is to elucidate the chemical and biological relationships of nonsuppressible insulin-like activity to insulin.
Dr. Phillip L. Poffenbarger
This is a new three year grant award.
Galveston County

16. National Science Foundation

Amendment to Research Grant No. 1D074-02923 A02 (Formerly GX-42351)
No new funds involved
March 15, 1974 through March 31, 1976
Multichannel Seismic Reflection Investigation of the Sea Floor Mineral Resources of the Western Gulf of Mexico
Dr. J. Lamar Worzel and Dr. Joel S. Watkins
This amendment provides for extension of the grant period, without additional funds.
Galveston County

*Originally signed award letter not received.

FEDERAL CONTRACTS AND GRANTS - continued

17. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Neurological and Communicative Disorders and Stroke
- Research Grant No. 2 R01 NS 08106-07
\$25,582 plus indirect costs
May 1, 1975 through April 30, 1976
Human Brain Sterols in Aging and Disease. The objective of this study is to determine the relationship of the presence of 24-hydroxycholesterol and other oxidized cholesterol derivatives in human brain to brain function or dysfunction in aging and in disease.
Dr. Leland L. Smith
This is a renewal of an ongoing project for three additional years.
Galveston County
18. Department of Health, Education, and Welfare
National Institutes of Health
National Cancer Institute
- Research Grant No. 5 R01 CA 14466-03
\$19,635 plus indirect costs
June 1, 1975 through May 31, 1976
Mechanism of Aminoazo Dyes Carcinogenesis. The aim of this study is to gain information about the molecular mechanism by which chemical carcinogens convert normal cells into tumor cells.
Dr. Viktor Holoubek
This is the third year of an ongoing project.
Galveston County
19. Department of the Army
Procurement Division
- Modification to Educational Service Agreement No. DAKF49-74-A-0094
This modification changes the Number of the Agreement to DAKF19-76-A-0120
This Educational Service Agreement provides for the payment of academic instruction for students (military personnel of the United States Army) enrolled at The University of Texas Medical Branch at Galveston.

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONAMENDMENTS TO THE 1974-1975 OPERATING BUDGETBOARD OF REGENTS' MEETING JUNE 5, 1975MEDICAL SCHOOLOffice of the Dean of Medicine

1. Change the source of funds for Mrs. Marilyn L. Thompson, Manuscript Editor at a salary rate of \$15,012 for twelve months, from DHEW Grant 5S01-RR-05427-14 to AHEC N01-MB-24391, effective February 22, 1975. Also grant a leave of absence without salary effective March 5, 1975. (RBC 581)

Family Medicine

2. Appoint Dr. Mary F. Schottstaedt (Tenure) as Associate Professor (part-time), without salary, effective March 3, 1975. Dr. Schottstaedt also serves as Associate Professor at a salary rate of \$27,084 for twelve months, in the Department of Psychiatry. (RBC 589)

Internal Medicine

3. Accept the resignation of Dr. George L. Pauk (Non-Tenure), Assistant Professor at a salary rate of \$26,500 for twelve months, effective March 26, 1975. (RBC 588)

4. Change the status of Dr. Phillip L. Poffenbarger (Tenure), Associate Professor, from full-time at a salary rate of \$32,088 for twelve months to part-time, without salary, effective February 1, 1975. Dr. Poffenbarger also serves as Associate Professor (part-time), without salary, in the Department of Family Medicine and as Director, Clinical Study Center at a salary rate of \$32,088 for twelve months, in Clinical Study Center. (RBC 601)

Psychiatry

5. Change the status of Mrs. Cindy A. Wiley from Clerk-Typist II at a salary rate of \$6,168 to Research Technician at a salary rate of \$8,436 for twelve months, effective February 1, 1975. Funds needed are to come from DHEW Grant 5T01-MH-06527-18. (RBC 584)

6. Appoint Dr. Nelson Ceballos (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective September 1, 1974. (RBC 591)

7. Appoint Dr. Jaime Jaramillo (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective September 1, 1974. (RBC 592)

8. Appoint Dr. Abe Hauser (Non-Tenure) as Clinical Professor (part-time), without salary, effective March 1, 1975. (RBC 595)

9. Accept the resignation of Dr. Gerda J. Smith (Non-Tenure), Assistant Professor at a salary rate of \$17,484 for twelve months, effective February 28, 1975. (RBC 609)

Obstetrics and Gynecology

10. Appoint Mr. Darryl J. Tramonte as Assistant to the Chairman at a salary rate of \$15,500 for twelve months (\$8,300 from General Budget and \$7,200 from DHEW Grant 06-H-000084-05-0), effective March 1, 1975. General Budget funds needed are to come from the departmental non-teaching salaries budget. (RBC 606)

AMENDMENTS TO THE 1974-1975 OPERATING BUDGET - continuedMEDICAL SCHOOL - continuedOphthalmology

11. Appoint Dr. Satish K. Srivastava (Tenure) as Professor (part-time), without salary, effective March 1, 1975. Dr. Srivastava also serves as Professor at a salary rate of \$32,088 for twelve months in the Department of Human Biological Chemistry and Genetics. (RBC 604)

Pathology

12. Appoint Dr. Gordon P. James (Non-Tenure) as Instructor at a salary rate of \$21,000 for twelve months, effective March 10, 1975. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 608)

13. Accept the resignation of Dr. Stephen W. Moore (Non-Tenure), Assistant Professor at a salary rate of \$24,792 for twelve months, effective March 31, 1975. (RBC 611)

Pediatrics

14. Increase the salary rate of Mrs. Emily L. Ginsberg, Associate Project Director, from \$13,944 to \$15,444 for twelve months, effective April 1, 1975. Additional funds needed are to come from Children and Youth Project. (RBC 597)

15. Appoint Miss Cheryle M. Saunders as Associate Director - Communicative Disorders at a salary rate of \$12,800 for twelve months, effective February 24, 1975. Funds needed are to come from DHEW Grant 0710504-MCT-000240-10-0. (RBC 600)

16. Appoint Dr. Charles L. Concklin (Non-Tenure) as Clinical Professor (part-time), without salary, effective April 1, 1975. (RBC 612)

17. Appoint Dr. Benjamin Suchoff (Non-Tenure) as Clinical Associate Professor (part-time), without salary, effective April 1, 1975. (RBC 613)

18. Appoint Dr. Roberto Mejia (Non-Tenure) as Clinical Instructor (part-time), without salary, effective April 1, 1975. (RBC 614)

19. Appoint Dr. Oscar O'Keefe (Non-Tenure), Clinical Instructor (part-time), without salary, effective April 1, 1975. (RBC 615)

20. Appoint Dr. Antonio Hernandez (Non-Tenure) as Clinical Faculty Associate (part-time), without salary, effective April 1, 1975. (RBC 616)

21. Appoint Dr. Jack F. McKemie (Non-Tenure) as Clinical Professor (part-time), without salary, effective April 1, 1975. (RBC 617)

22. Appoint Dr. Joseph H. Jackson, Jr. (Non-Tenure) as Clinical Associate Professor (part-time), without salary, effective April 1, 1975. (RBC 618)

23. Appoint Dr. Ezekiel Zebaida (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective April 1, 1975. (RBC 619)

24. Appoint Dr. Helen H. Woods (Non-Tenure) as Clinical Professor (part-time) without salary, effective April 1, 1975. (RBC 622)

25. Appoint Dr. Lowell J. Kepp, Jr. (Non-Tenure) as Clinical Associate Professor (part-time), without salary, effective April 1, 1975. (RBC 623)

26. Appoint Dr. R. Michael Dulaney (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective April 1, 1975. (RBC 624)

AMENDMENTS TO THE 1974-1975 OPERATING BUDGET - continuedMEDICAL SCHOOL - continuedPediatrics

27. Appoint Dr. George W. Flood (Non-Tenure) as Clinical Associate Professor (part-time), without salary, effective April 1, 1975. (RBC 625)
28. Appoint Dr. Alberto M. Fernandez (Non-Tenure) as Clinical Associate Professor (part-time), without salary, effective April 1, 1975. (RBC 626)
29. Appoint Dr. Wallace A. Crozier (Non-Tenure) as Clinical Associate Professor (part-time), without salary, effective April 1, 1975. (RBC 627)
30. Appoint Dr. Joseph Oshman (Non-Tenure) as Clinical Professor (part-time), without salary, effective April 1, 1975. (RBC 628)
31. Appoint Dr. Meyer Kurzner (Non-Tenure) as Clinical Professor (part-time), without salary, effective April 1, 1975. (RBC 629)
32. Appoint Dr. William S. Conkling (Non-Tenure) as Clinical Professor (part-time), without salary, effective April 1, 1975. (RBC 631)
33. Appoint Dr. James C. Sharp, Jr., (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective April 1, 1975. (RBC 632)

Physiology and Biophysics

34. Appoint Dr. Manning J. Correia (Tenure) as Associate Professor (part-time), without salary, effective November 1, 1974. Dr. Correia also serves as Associate Professor at a salary rate of \$28,092 in the Department of Otolaryngology. (RBC 593)
35. Appoint Dr. James C. Thompson (Tenure) as Professor (part-time), without salary, effective March 1, 1975. Dr. Thompson also serves as Professor and Chairman at a salary rate of \$58,212 for twelve months in the Department of Surgery. (RBC 598)

Preventive Medicine and Community Health

36. Appoint Dr. Jack P. Saunders (Tenure) as Professor (part-time), without salary, effective April 1, 1975. Dr. Saunders also serves as Professor and Dean at a salary rate of \$48,612 for twelve months in Office of the Dean of Graduate School and as Professor (part-time), without salary, in the Department of Pharmacology. (RBC 596)
37. Accept the resignation of Dr. Gerda J. Smith (Non-Tenure), Assistant Professor (part-time), without salary, effective February 28, 1975. (RBC 610)

Surgery

38. Accept the resignation of Dr. John A. McCrary, III, (Tenure), Associate Professor (part-time), without salary, effective December 31, 1974. (RBC 630)

ALLIED HEALTH SCIENCES SCHOOLSchool of Allied Health Sciences -Medical Technology

39. Accept the resignation of Miss Sharon C. Brown (Non-Tenure), Instructor (part-time) at a salary of \$2,184 for twelve months, effective February 26, 1975. (RBC 585)
40. Appoint Miss Cathy A. Bailes as Instructor (one-fifth time) at a salary rate of \$10,200 for twelve months, effective April 1, 1975. Funds needed are to come from Unallocated Appropriations-Allied Health Sciences. (RBC 605)

AMENDMENTS TO THE 1974-1975 OPERATING BUDGET - continuedALLIED HEALTH SCIENCES SCHOOL - continuedSchool of Allied Health Sciences -Occupational Therapy

41. Appoint Mrs. Jaclyn Low (Non-Tenure) as Instructor (one-fourth time) at a salary rate of \$10,908 for twelve months, effective April 1, 1975. Funds needed are to come from the departmental teaching salaries budget. (RBC 621)

UNIVERSITY HOSPITALSCentral Supply

42. Accept the resignation of Mr. George W. Elliott, Director, Supply and Transportation (part-time) at a salary of \$11,106 for twelve months, effective April 10, 1975. (RBC 590)

Clinical Study Center

43. Appoint Dr. Phillip L. Poffenbarger as Director, Clinical Study Center at a salary rate of \$32,088 for twelve months, effective February 1, 1975. Funds needed are to come from DHEW Grant 2M01-RR-00073-13. Dr. Poffenbarger also serves as Associate Professor (part-time), without salary, in the Departments of Internal Medicine and Family Medicine. (RBC 602)

Family Medicine

44. Appoint Dr. Joyce L. Emery as Associate (one-half time) at a salary rate of \$16,368 for twelve months, effective March 3, 1975. Funds needed are to come from DHEW Grant 06 D-000053-01-0. Dr. Emery also serves as Associate (one-half time) at this same salary rate in Office of Research in Medical Education. (RBC 594)

LIBRARIESMedical Branch Library

45. Change the source of funds for Mr. Emil F. Frey, Director of Library Sciences and Associate Professor of Library Sciences at a salary rate of \$37,788 for twelve months, from \$25,696 from General Budget and \$12,092 from DHEW 06S000170-09 to \$17,747 from General Budget and \$20,041 from DHEW 06S000170-09. (RBC 607)

SEALY & SMITH FOUNDATION HOSPITALSCentral Supply

46. Accept the resignation of Mr. George W. Elliott, Director, Supply and Transportation (part-time) at a salary of \$3,702 for twelve months, effective April 10, 1975. (RBC SS6)

TRANSFER OF FUNDS

47. From: Unallocated Appropriations - General \$9,028.72

To: Budget Office:
Classified Salaries \$9,028.72

For: This transfer will provide funds for the creation of four (4) temporary positions of Clerk I at the salary rates and effective dates indicated below:

Three (3) at a salary rate of \$4,464 for twelve months, effective February 1, 1975, March 11, 1975 and March 17, 1975, and

One (1) at a salary rate of \$4,620 for twelve months, effective March 4, 1975.

(RBC 599)

AMENDMENTS TO THE 1974-1975 OPERATING BUDGET - continuedTRANSFER OF FUNDS - continued

48. From:	Unallocated Appropriations - Hospitals	<u>\$6,574.06</u>
	To: Central Supply: Classified Salaries	<u>\$6,574.06</u>
	For: This transfer will provide funds for the creation of a new position of Assistant Director, Central Supply and Transportation at a salary rate of \$11,016 for twelve months, effective January 27, 1975.	
	(RBC 586)	
49. From:	Unallocated Appropriations - Hospitals	<u>\$ 900.00</u>
	To: Electroencephalography Service: Maintenance and Operation	<u>\$ 900.00</u>
	For: This transfer will provide funds for continued operation for the remainder of this fiscal year.	
	(RBC 587)	
50. From:	Unallocated Appropriations - Hospitals	<u>\$4,795.46</u>
	To: Heart Station: Classified Salaries	<u>\$4,795.46</u>
	For: This transfer will provide funds for the creation of a new position of Research Technician at a salary rate of \$8,436 for twelve months, effective February 6, 1975.	
	(RBC 583)	
51. From:	Unallocated Appropriations - Hospitals	<u>\$8,436.00</u>
	To: Nuclear Medicine Service: Classified Salaries	<u>\$8,436.00</u>
	For: This transfer will provide funds for the creation of a new position of Nuclear Medicine Technologist II at a salary rate of \$8,436 for twelve months, effective September 1, 1974.	
	(RBC 603)	



**The University Of Texas
Health Science Center At Houston**

P. O. Box 20036
1020 Holcombe Boulevard
Houston, Texas 77025
(713) 792-4270

Charles A. Berry, M.D., M.P.H.
President

May 12, 1975

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June 5, 1975 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 "Charles A. Berry M.D.".

Charles A. Berry, M.D., M.P.H.
President

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

DOCKET

Board of Regents' Meeting June 5, 1975

ABSENCES FROM USUAL AND REGULAR DUTIES: The following authorizations to be absent for periods in excess of twenty-nine days are reported in accordance with Section 13.33, Chapter III, Part Two, of the Rules and Regulations of the Board of Regents.

HOUSTON GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

1. Sara Ann Barton, Research Assistant, and Russell Young, Research Technician IV, in the Center for Demographic and Population Genetics, to La Paz, Bolivia, for the period March 19, 1975 through April 30, 1975, to participate in a study of man's adaptation to hypoxia and its implications for cardiovascular and pulmonary diseases. Travel expenses in the approximate amount of \$1,550 per person are to be paid from NIH Grant HL 15614.
2. Wen-Hsiung Li, Ph.D., Assistant Professor of Population Genetics in the Center for Demographic and Population Genetics, to Taiwan, Republic of China, Misima, Japan, and Seattle, Washington, for the period March 21, 1975 through April 23, 1975, to consult, lecture, conduct seminars and present papers. (The period of absence includes ten working days of annual leave.) Reimbursement for travel expenses was not requested.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is respectfully requested for the following grants and agreements.

1. Amendment to Lease UMH-4492-L-Houston, between The University of Texas Health Science Center at Houston, Medical School, and Hermann Hospital Estate, wherein the Houston Health Science Center leases an additional 5,000 square feet of space in the Hermann Professional Building, 6410 Fannin Street, Houston, Texas, 77025, at \$3,000.00 per month. The space will serve as offices and conference rooms for new Medical School faculty recruits. The amendment covers the period April 1, 1975 through August 31, 1975; therefore, effective April 1, 1975, the lease will cover a total of 9393 square feet of space at \$5,679.73 per month. The amendment was approved on behalf of the Houston Health Science Center by Mr. E. D. Walker, Deputy Chancellor for Administration, The University of Texas System, and by the State Board of Control on March 25, 1975.

HOUSTON MEDICAL SCHOOL

1. Grant AU-599 by which The Robert A. Welch Foundation, 2010 Bank of the Southwest Building, Houston, Texas, 77002, provides \$17,000, for the period June 1, 1975 through May 31, 1976, to support research entitled, "Purification of Membrane-Bound Enzymes of Phospholipid Metabolism by Affinity Chromatography and their Characterization." This study should lead to a better understanding of the molecular organization and function of membranes and their influence on cellular reactions. The total project period is June 1, 1975 through May 31, 1978, and William D. Dowhan, Ph.D., Assistant Professor in the Medical School Department of Biochemistry and Molecular Biology, is Principal Investigator. The grant document was signed on behalf of The University of Texas System by Dr. William Shive, Department of Chemistry, The University of Texas at Austin, and by Dr. William D. Dowhan, Principal Investigator.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) (Continued)HOUSTON MEDICAL SCHOOL (Continued)

2. Grant by which Smith, Kline and French Laboratories, 1500 Spring Garden Street, Philadelphia, Pennsylvania, 19101, provides \$8,056, to support a study entitled, "Live Attenuated Intranasal Influenza A/B Vaccine Field Trials," under the direction of Herbert L. DuPont, M.D., Professor and Director of the Medical School Program in Infectious Diseases. Terry K. Satterwhite, M.D., Assistant Professor in the program will be Field Investigator. The purpose of the study is to vaccinate a large group of volunteers, both male and female, with an attenuated live intranasal influenza A/B vaccine to assess the protection rate during the influenza season. (No period of performance was specified.) The grant was made on behalf of Smith, Kline and French Laboratories by E. D. Wayne Coen, Research Associate, Clinical Investigation Department.
3. Grant by which The Upjohn Company, Kalamazoo, Michigan, 49001, provides \$7,500, for a study entitled, "Comparative Efficacy of TROBICIN (U-18, 409AE) and Gentamicin in the Treatment of Patients Hospitalized with Urinary Tract Infections," under the direction of Herbert L. DuPont, M.D., Professor and Director of the Medical School Program in Infectious Diseases. (No period of performance was specified.) The award was made on behalf of The Upjohn Company by Mr. Deward L. Walker, Medical Research Coordinator.
4. Grant by which Eaton Laboratories, Division of Morton-Norwich Products, Inc., 13-27 Eaton Avenue, Norwich, New York, 13815, provides \$10,426, for the period March 1, 1975 through September 1, 1976, to support research entitled, "Renin Assays in Conjunction with P-113 Study," under the direction of Merrill Overturf, Ph.D., Assistant Professor in the Medical School Department of Medicine. The purpose of the study is to determine whether the "P-113 test" can discriminate renin-dependent hypertension from all other types of hypertension. The award was made on behalf of Eaton Laboratories by Robert E. Keenan, M.D., Associate Medical Director, Medical Department.
5. Grant 6058D, by which Lilly Research Laboratories, Division of Eli Lilly and Company, Indianapolis, Indiana, 46206, provides \$3,600, to support research entitled, "In Vitro Sensitivity of Enteric Bacterial Pathogens to Cinoxacin," under the direction of Herbert L. DuPont, M.D., Professor and Director of the Medical School Program in Infectious Diseases. (No period of performance was specified.) The grant was made on behalf of Lilly Research Laboratories by Lee G. Cromwell, Secretary, Clinical Research Grants Committee.

HOUSTON GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

1. Grant by which General Foods Corporation, Gaines Nutrition Center, 1551 East Willow Street, Kankakee, Illinois, 60901, provides \$35,000, for the period April 1, 1975 through March 31, 1976, to continue research entitled, "Neurophysiological Analysis of Canine Gustation." Information obtained from this study will provide a solid basis for understanding the chemical basis of taste and a rationale for predicting taste preferences in the dog. The total project period is April 1, 1974 through March 31, 1977, and James C. Boudreau, Ph.D., Associate Professor in the Sensory Sciences Center, is Principal Investigator.

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GRANTS, CONTRACTS AND AGREEMENTS (STATE): Approval is respectfully requested for the acceptance of the following contract amendments.

HOUSTON DENTAL BRANCH

1. Amendment No. 1 to Interagency Cooperation Contract No. IAC (74-75)-1062, between The University of Texas Health Science Center at Houston, Dental Branch (Performing Agency), and The Richmond State School (Receiving Agency), whereby the contract amount is increased by \$349 for a new total contract amount of \$35,573. Under this contract, the Dental Branch provides a dental services program for Receiving Agency's student population. The purpose of the amendment is to effect salary and fringe benefit increases for the program's 1/10-time Faculty Member and the 1/2-time Faculty Director, as authorized by the State Legislature to be effective February 1, 1975. The amendment was signed on behalf of the Houston Health Science Center by Mr. G. C. Franklin, Vice President for Business Affairs, and approved by the State Board of Control on March 31, 1975.

SPEECH AND HEARING INSTITUTE

1. Amendment No. 1 to Interagency Cooperation Contract No. IAC (74-75)-1137, between The University of Texas Health Science Center at Houston, Speech and Hearing Institute (Receiving Agency) and The University of Texas Medical Branch at Galveston (Performing Agency), whereby the contract amount is increased by \$411 for a new total contract amount of \$9,735. This contract is for the development, planning, implementing, and directing of a Speech and Hearing Institute Outreach Program in Medical Branch's Division of Child Development. The purpose of the amendment is to effect salary and fringe benefit increases for the program's 1/4 full-time equivalent Faculty Member and the full-time equivalent Fellow, as authorized by the State Legislature to be effective February 1, 1975. The amendment was signed on behalf of the Houston Health Science Center by Charles A. Berry, M.D., M.P.H., President, and approved by the State Board of Control on February 1, 1975.

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

JUN 05 1975

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)
Board of Regents' Meeting June 5, 1975

OJ KZ

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. Grant 2 R01 HL15171-03, by which the Department of Health, Education and Welfare, National Heart and Lung Institute, provides \$27,066, plus applicable indirect costs, for the period May 1, 1975 through April 30, 1976, to support research entitled, "Lipid Vasodepressors From Human Tissues." The objectives of the research are to isolate, purify, and determine the precise molecular structure of vasodepressor lipids, excluding prostaglandins, from human tissues. The total project period is May 1, 1975 through April 30, 1978, and Merrill L. Overturf, Ph.D., Assistant Professor in the Medical School Department of Medicine, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.
2. Grant 5 R01 CA14821-03, by which the Department of Health, Education and Welfare, National Cancer Institute, provides \$30,170, plus applicable indirect costs, for the period June 1, 1975 through May 31, 1976, to continue research entitled, "Steroid Hormone Control of Tumor Cell Growth in Vitro." The aim of the work is to determine the mechanisms by which hormones control the growth of estrogen-dependent tumors. The total project period is June 1, 1973 through May 31, 1976, and David A. Sirbasku, Ph.D., Assistant Professor in the Medical School Department of Biochemistry and Molecular Biology, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.
3. General Research Support Grant 5 S01 RR05745-03, by which the Department of Health, Education and Welfare, Division of Research Resources, provides \$148,664, for the period January 1, 1975 through December 31, 1975, for Medical School research. The majority of expenditures from this award will be made in Harris County.
4. Grant 5 R01 DA00803-02, by which the Department of Health, Education and Welfare, National Institute on Drug Abuse, provides \$40,090, for the period May 1, 1975 through April 30, 1976, to continue research entitled, "Mechanism of Narcotic Addiction." The purpose of the project is to examine the effects of morphine and related narcotic drugs on synaptic transmission within the central nervous system. The total project period is May 1, 1974 through April 30, 1977, and Nachum Dafny, Ph.D., Assistant Professor in the Medical School Program in Neurobiology, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.
5. Grant 5 R01 GM19511-04, by which the Department of Health, Education and Welfare, National Institute of General Medical Sciences, provides \$37,146, plus applicable indirect costs, to continue research entitled, "Assembly of a Membrane-Bound Multi-Enzyme Complex." The overall goals of this project are to establish the structure and chemical characteristics of the nitrate reductase complex in Escherichia coli, to define the roles of the various genes which control the structure and assembly of this complex in the membrane, and to study the details of the sequence involved in the assembly process. The total project period is June 1, 1973 through May 31, 1976, and John A. DeMoss, Ph.D., Professor and Director of the Medical School Department of Biochemistry and Molecular Biology, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (Continued)HOUSTON MEDICAL SCHOOL (Continued)

6. Increment to Health Professions Student Loan 06L480042-75, by which the Department of Health, Education and Welfare, Bureau of Health Resources Development, provides an additional \$8,815, for the period July 1, 1974 through June 30, 1975. Dr. Charles A. Berry, President, is Program Director. The majority of expenditures from this increment will be made in Harris County.

HOUSTON DENTAL BRANCH

1. Grant 1 R01 DE04210-01, by which the Department of Health, Education and Welfare, National Institute of Dental Research, provides \$37,111, plus applicable indirect costs, for the period May 1, 1975 through April 30, 1976, to support research entitled, "Lymphocyte-Mediated Cytotoxicity in Periodontal Disease." One of the goals of the project will be to determine whether T and/or B lymphocytes from patients with malignant melanoma participate in the direct destruction of melanoma target cells in vitro and whether there may be a T-B cell cooperation involved. The total project period is May 1, 1975 through April 30, 1978, and Peggy A. O'Neill, Ph.D., Research Associate in the Dental Science Institute, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

2. Grant 1 R23 DE04212-01, by which the Department of Health, Education and Welfare, National Institute of Dental Research, provides \$8,985, plus applicable indirect costs, for the period May 1, 1975 through April 30, 1976, to support research entitled, "The Role of Lipoproteins in Microbial Calcification." The objective of the research is to determine whether microbial calcification can provide a model system for vertebrate calcification. The total project period is May 1, 1975 through April 30, 1978, and Barbara D. Boyan, Ph.D., Postdoctoral Fellow in the Dental Science Institute, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

3. Contract NAS 9-14560, by which the NASA Lyndon B. Johnson Space Center provides \$10,000, for the period March 1, 1975 through February 29, 1976, to support "Research for Development of Preventive Dentistry Techniques in Support of Manned Space Flight." The purpose of the project is to analyze parotid salivary fluid biochemically and to interpret results, especially those pertaining to salivary immunoglobulin A from American and Russian flight crewmen and back-ups in the Apollo-Soyez Test Program. Ira L. Shannon, D.D.S., Clinical Professor in the Department of Physiology-Biological Chemistry, is Principal Investigator. The majority of expenditures from this award will be made in Harris County. The contract was signed on behalf of the Houston Health Science Center by Charles A. Berry, M.D., M.P.H., President.

4. Grant 1 R01 DE04172-01, by which the Department of Health, Education and Welfare, National Institute of Dental Research, provides \$27,898, plus applicable indirect costs, for the period May 1, 1975 through April 30, 1976, to support research entitled, "MIF Lymphokine Involvement in Periodontal Disease." This project will seek to elucidate and define the role(s) of one lymphokine, human leukocyte migration inhibition factors (MIF) in periodontal disease. The total project period is May 1, 1975 through April 30, 1978, and Bruce F. Mackler, Ph.D., Associate Professor in the Dental Science Institute, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

5. Increment to Health Professions Student Loan 06L480048-75, by which the Department of Health, Education and Welfare, Bureau of Health Resources Development, provides an additional \$19,519, for the period July 1, 1974 through June 30, 1975. Dr. Charles A. Berry, President, is Program Director. The majority of expenditures from this award will be made in Harris County.

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (Continued)HOUSTON GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

1. Grant 5 R01 EY00907-02, by which the Department of Health, Education and Welfare, National Eye Institute, provides \$10,001, plus applicable indirect costs, for the period April 1, 1975 through March 31, 1976, to continue research entitled, "Correlates of Binocular Visual Stimulation." The project is designed to investigate the ways by which single cells within the striate cortex of cat process visual information provided by simultaneous stimulation of binocular receptive fields. The total project period is April 1, 1974 through March 31, 1976, and Steven J. Cool, Ph.D., Adjunct Associate Professor in the Sensory Sciences Center, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

2. Biomedical Sciences Support Grant 5 S05 RR07148-02, by which the Department of Health, Education and Welfare, Division of Research Resources, provides \$43,794 for the period June 1, 1975 through May 31, 1976, for use by the Graduate School. Dr. Alfred G. Knudson, Dean, is Program Director. The majority of expenditures from this award will be made in Harris County.

3. Grant 5 R01 NS11218-03, by which the Department of Health, Education and Welfare, National Institute of Neurological and Communicative Disorders and Stroke, provides \$36,004, plus applicable indirect costs, for the period May 1, 1975 through April 30, 1976, to continue research entitled, "Single Unit Analysis of the Superior Olivary Complex." The long term objective of this project is the development of a quantitative description of the neural encoding processes utilized by the superior olivary complex in transmitting auditory information. The total project period is May 1, 1974 through April 30, 1977, and Chiyeko Tsuchitani, Ph.D., Associate Professor in the Sensory Sciences Center, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

PUBLIC HEALTH SCHOOL

1. Training Grant 5 T01 HL05988-03, by which the Department of Health, Education and Welfare, National Heart and Lung Institute, provides \$45,863, for the period July 1, 1975 through June 30, 1976, to support "Biometry Training for Cardiovascular Research." The total project period is July 1, 1972 through September 30, 1977, and C. Morton Hawkins, Sc.D., Associate Professor of Biometry, is Program Director. The majority of expenditures from this award will be made in Harris County.

2. Modifications 4 and 5 to Contract N01-NU-14073, by which the Department of Health, Education and Welfare, Health Resources Administration, adds Article XII, "Stipends," (Mod. 4) which was inadvertently omitted from Mod. 1 of June 28, 1972, and changes the Project Officer from Dr. Doris E. Roberts to Dr. Marie Henry, effective March 1, 1975, (Mod. 5). This contract is for the development and testing of a model of the extended role of the nurse as a family health worker in the community. Clarence C. Skrovan, M.D., Associate Professor in the Department of Health Services Administration, is Project Director. The modifications were signed on behalf of the Houston Health Science Center by Charles A. Berry, M.D., M.P.H., President.

3. Training Grant 5 T01 HS00067-05, by which the Department of Health, Education and Welfare, National Center for Health Services Research, provides \$2,909, for the period July 1, 1975 through June 30, 1976, to support training in "Biostatistics." The program offers graduate education leading to either the M.S. and Ph.D. degrees in Biometry, with special emphasis on health services research, or the M.S. and Ph.D. degrees in Epidemiology, with special emphasis on health services research. The total project period is July 1, 1971 through June 30, 1976, and Ralph F. Frankowski, Ph.D., Associate Professor of Biometry, is Program Director. The majority of expenditures from this award will be made in Harris County.

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HOUSTON HEALTH SCIENCE CENTER CATALOG; The Houston Health Science Center will publish one catalog which will be comprised of sections for each of its Operating Units. Approval is therefore recommended for the following introductory statements which will be common to all of the sections for the Operating Units.

The University of Texas Health Science Center at Houston
(Name of School)

Catalogue
1975-1976

With respect to the admission and education of students, with respect to the recruitment, employment, assignments and promotion of teaching and nonteaching personnel, and with respect to student and faculty activities conducted on premises owned or occupied by the University, neither The University of Texas Health Science Center at Houston nor any of the component institutions of The University of Texas System shall discriminate either in favor or against any person on account of his or her race, color, sex, religion, or national origin.

The provisions of this bulletin are subject to change by the Board of Regents of The University of Texas System without notice and do not constitute an irrevocable contract between any applicant for admission or student and The University of Texas Health Science Center at Houston. The Health Science Center is not responsible for any misrepresentation of its requirements or provisions that might arise as a result of errors occurring in the preparation of this bulletin.

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General Information

History of the University of Texas System

The idea of a university for Texas is as old as the State. The Texas Declaration of Independence lists as one of its main indictments against the Government of Mexico the fact that "it has failed to establish any public system of education..." Several early attempts were made to establish a state university, but they were not successful because of the Civil War and subsequent era of Reconstruction.

The act of the Legislature that finally established The University was passed in 1881. It provided for the location of the institution by popular vote and for the appointment of a Board of Regents to be entrusted with its organization and government. By results of an election in September 1881, the site of the Main University was designated as Austin and Galveston was chosen as the location for the Medical Branch.

Since then numerous schools, colleges, divisions and branches have been added to The University of Texas System at several locations throughout the State. The System now includes academic campuses in Arlington, Austin, Dallas, El Paso, Midland/Odessa (UT Permian Basin), and San Antonio. The Systemwide School of Nursing includes four-year nursing schools at Austin and El Paso, and clinical nursing units at Fort Worth, Galveston, Houston and San Antonio. The University of Texas System Cancer Center, which includes the famous M.D. Anderson Hospital & Tumor Institute, also is located in Houston.

Other components of the System include the Institute of Texan Cultures at San Antonio (part of UT San Antonio), the Environmental Science Park near Smithville (UT Cancer Center), the Marine Science Institute at Port Aransas (UT Austin & UTMB Galveston), and the McDonald Observatory at Fort Davis (UT Austin).

The University of Texas Health Science Center at Houston

The University of Texas Health Science Center at Houston was established in 1972 to administer and provide for the operation of the several biomedical and health-related units located in the city through the integration and coordination of functions and activities. The Health Science Center presently includes: the Medical School (established in 1970); the Dental Branch (1906, as the Texas Dental College); the

Graduate School of Biomedical Sciences (1963); the School of Allied Health Sciences (1973); the School of Public Health (1967); the Speech and Hearing Institute (1951, as the Speech and Hearing Center); and the Division of Continuing Education (1948, as the Postgraduate School of Medicine).

Today, the Health Science Center employs more than 1,600 faculty and staff, and has more than 1,400 students enrolled in various health and biomedical disciplines at its component schools and institutes.

The Texas Medical Center

The Texas Medical Center is a comprehensive medical complex which was organized in 1941 as a means for coordinating health education, health research and patient care. Today it stands as a major health care resource that provides extraordinary opportunities for students to obtain a broad base of professional experience. Some 20 buildings now occupy 180 acres, and 28 health care institutions and 10 supporting organizations are included. The combined total value of Medical Center buildings completed or under construction exceeds \$330,000,000.

During 1974, more than 18,000 people were employed in Medical Center institutions with operating budgets in excess of \$266,000,000. TMC hospitals contain more than 3,600 beds, with facilities for 1,000 additional beds under construction. Over 118,000 inpatients and 1,000,000 outpatients were treated in Medical Center Hospitals and clinics in 1974.

With more than 5,400 students enrolled, the Medical Center includes two medical schools, a dental school, a graduate school and other graduate programs, a school of public health, two nursing schools, and several schools and hospital-based programs providing training in the allied health professions.

Institutions in the Texas Medical Center share the resources of the 120,000-volume Houston Academy of Medicine-Texas Medical Center Library. In addition, several institutions maintain specialized collections available for use by students.

Houston

Currently the nation's sixth largest city, Houston is a vigorous, dynamic community where the average age of its more than two million residents is younger than 26 years. The city is a leading financial, commercial, and industrial center, which owes most of its metropolitan success to the combination of its geographical location, natural resources and port.

Well-known as the home of the Lyndon B. Johnson Space Center and the Astrodome, Houston also is developing a cosmopolitan flavor that is found in the city's beautiful parks, sophisticated shopping and quaint dining districts, galleries, and museums. Houston's entertainment activities include several types of repertory theater, symphony and opera, as well as a broad range of concerts and road shows. The city is home to major league football, baseball, basketball and hockey teams, and its mild climate and nearby parks, lakes and beaches also offer opportunities for participation in sports.

More than 56,000 students are enrolled in 22 colleges and universities in the Houston area. Rice University is immediately adjacent to the Texas Medical Center.

Housing

The Health Science Center maintains no housing facilities for students. Apartments are available outside the Texas Medical Center, with rentals ranging from about \$125 monthly upward. Most apartments are not within walking distance, so arrangements for adequate transportation should be made. Students may obtain permits for Medical Center remote parking lots.

Texas Medical Center, Inc. operates two resident halls within the Medical Center for use by students. Laurence H. Favrot Hall consists of efficiency and one-bedroom apartments for single and married students. For single students, preference is given to those who are willing to have a roommate. March Cullmore Hall is operated for single women students and includes double-occupancy rooms, with common kitchens available for use by the residents of each floor. Applications should be made as soon as possible to:

Director of Residence Halls
 Laurence H. Favrot Hall
 6540 Bellows Lane
 Texas Medical Center
 Houston, Texas 77025

-or-

Resident Manager
 March Cullmore Hall
 1120 M.D. Anderson Blvd.
 Texas Medical Center
 Houston, Texas 77025

A number of institutions in the Texas Medical Center operate cafeterias and, in addition, there are several restaurants located in the immediate vicinity.

Student Health Service and Insurance Program

The Health Science Center makes available an integrated program of preventive and health maintenance services, care for episodic illness on an ambulatory basis, emergency services and hospitalization when necessary. This program is required of all registered students and, on an optional basis, the same program is available to the dependents of registered students.

The Health Service Fee, which is required of all students, is \$7 per quarter, \$21 per academic year or \$28 per calendar year. Fees for part-time students will be appropriately adjusted. In addition, all students are required to carry health insurance, either the plan offered through the Student Health Service or a similar policy providing equivalent coverage.

The annual charges for student and dependent coverage are as follows:

	Student Health Service Fee	Premium for Insurance	Total Annual Charge
Student Only	\$28	\$70	\$98
Student and One Dependent	\$56	\$175	\$231
Student and Two or More Dependents	\$56	\$245	\$301
Optional Maternity Benefits		\$180	

The Student Health Services office is located in the Hermann Professional Building adjacent to the Medical Center. Through its personnel, the skills of the Health Science Center faculty can be made available to all students. Complete details on the Student Health Service and the Student Accident and Sickness Insurance Plan will be provided to all students during registration for classes.

For additional details or specific questions concerning his/her own particular situation, students are invited to contact the director of the Student Health Service at:

Suite 208, Hermann Professional Building
6410 Fannin St., Houston, Texas 77025

Telephones: 792-4847 or 792-4773

HOUSTON MEDICAL SCHOOL CATALOG: Approval is recommended for the following revisions and additions to the Medical School catalog for the academic year 1975-1976.

- (1) Revision of the preface statement from the Dean:

Nineteen hundred and seventy-six, the bicentenary year, will be a most significant year for The University of Texas Medical School at Houston. During the year, first year enrollment will go to 100; Phase I of the main buildings, essentially three-fourths of the building program of the School, will be completed and occupied; the major addition to Hermann Hospital will be completed; the 100 percent expansion of the M.D. Anderson Hospital will be opened; and the affiliations with the St. Joseph and Memorial Hospitals will move toward more active phases. Students entering the School in the summer of 1976 will thus come to an institution well out of its childhood and moving toward activation of all of its programs. They will go through their clinical experiences in completed hospitals with the difficulties of construction behind them. During their years in medical school, the staffs of these institutions will be expanded in order to utilize the capabilities of the buildings.

But handsome buildings are not automatically translatable into stimulating educational programs. That requires energetic, imaginative, talented, hard working people. To many, the years ahead look less than promising. True, the economic climate in which medicine is practiced may be changing, as may the methods for funding patient care, but the same old challenges and opportunities remain. Babies will still be born, people will get sick and get well or die, others will be overwhelmed by the troubles life brings them, and everyone -- providers and consumers -- will remain restless with how services are provided and will seek better methods of delivery. How to get safely into this world and off to a good start, how to get the proper amounts of the proper things to eat, how to learn to live productively with one's fellow man, and how to preserve the environment in which one lives remain the major biological questions they have always been. Patients will be grateful to those who treat them well and resentful of those who treat them callously. These are among the questions that society and those involved with teaching and learning in medical institutions have always addressed in one fashion or another. It has always been their mission to do their best to equip the younger people coming to them for the roles society expects of them. This is the challenge and opportunity for each medical student and the continuing source of excitement which makes the practice of medicine and the education of young people for that practice the happy privileges they are. The Medical School is proud to lend its increasingly mature strength and talents to this task.

[For two centuries medical leaders have been struggling with the polemic between what has been called the art and science of medicine. The art encompassed warmth, compassion, human understanding and wisdom -- all symbolized in Sir Luke Fildes' famous painting of the nineteenth-century practitioner watching a child desperately ill with diphtheria. The science encompassed cool rationality, reductionistic analysis of clinical problems, aggressive pursuit of knowledge of mechanisms of disease and the expert application of analytic techniques and instrumentation to disease problems. This aspect of medicine is symbolically captured in Thomas Eakins' painting of the surgical amphitheater of the University of Pennsylvania, in John Singer Sargent's portrait of Osler, Welch and their colleagues and in Sinclair Lewis' novel Arrowsmith. The dichotomy persists today even though the words may be somewhat different. One now hears of doctors interested in people -- oriented to more than disease and its

mechanisms-and-concerned-with-maintaining-the-total-physical-and mental-health-of-those-whom-they-serve.-The-contrast-is-with-the highly-trained,-specialty-oriented-physician,-deeply-involved-with application-of-technology-to-resolving-disease-problems-of-the-afflicted-individual-who-comes-to-him-for-help-and-convinced-that-the laboratory-and-the-vigorous-application-of-the-techniques-of-natural science-are-the-best-way-to-promote-better-health-in-his-patients.

[It-is-hardly-surprising-that-these-two-views-of-medicine-persist and-that-their-proponents-continue-to-espouse-these-views-so-vigorously.-Both-contain-much-truth,-both-are-absolutely-necessary-for the-care-of-people,-and-the-tension-created-in-medical-organization-by-the-polarizing-defenses-of-these-positions-is-highly-productive in-stimulating-new-concepts.-These-differing-attitudes-or-value-systems-also-illustrate-beautifully-the-breadth-of-concern-of-the-physician.-Today,-as-two-hundred-years-ago,-medicine-is-a-profession which-demands-from-its-various-practitioners-an-enormous-range-of skills---humanism-with-its-warmth,-compassion,-wisdom-and-patience,- intellectuality-with-its-demands-for-analytic-and-synthetic-thought,- physical-vigor-and-hard-work,-and-craftsmanship---all-too-much-to-be-encompassed-by-any-one-person-but-readily-so-by-many.-It-is-this breadth-of-mission-which-presents-the-modern-academic-medical-center with-its-great-challenge-and-grand-opportunity.-Of-course,-this-is also-the-challenge-and-opportunity-for-each-medical-student-and-the continuing-source-of-excitement-which-makes-the-practice-of-medicine and-the-education-of-young-people-for-that-practice-the-happy-privileges-they-are.]

(2) Revision of the 1975-76 ACADEMIC CALENDAR as follows:

- Summer Quarter begins Monday, June 30, 1975
- Holiday (Independence Day). Friday, July 4
- Holiday (Lyndon B. Johnson Birthday). Wednesday, August 27
- Holiday (Labor Day) Monday, September 1
- Summer Quarter ends Saturday, September 13 (12 noon)

- Summer Recess begins. Saturday, September 13

- Fall Quarter begins Monday, September 22
- Seniors begin elective courses. Wednesday, October 1
- Thanksgiving Recess begins. Thursday, November 27
- Classes resume. Monday, December 1
- Fall Quarter ends Saturday, December 6 (12 noon)

- Winter Recess begins. Saturday, December 6

- Winter Quarter begins Monday, January 5, 1976
- Winter Quarter ends Saturday, March 20 (12 noon)

- Spring Quarter begins Monday, March 29
- Holiday (Good Friday) Friday, April 16
- Holiday (Memorial Day). Monday, May 31
- Seniors complete electives. Saturday, May 29

- Graduation.

- Spring Quarter ends Saturday, June 12 (12 noon)

- (3). Revision of THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON section on ADMINISTRATION as follows:

Robert L. Tuttle, M.D., Acting Dean
(~~Cheves-McGraw-Smythe, M.D., Dean~~)

(~~Robert L. Tuttle, M.D., Associate Dean for Academic Affairs~~)

(~~Susan Skrovan, M.D., Assistant Dean for Student Affairs~~)

(~~Jon H. Fleming, Ret. D., Director of Development~~)

(~~Thomas L. Dishberger, B.A., Director of Admissions~~)

Betty Murphy, M.P.H., Registrar

- (4). Revision of THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON section on DEPARTMENT CHAIRMEN as follows:

DEPARTMENT CHAIRMAN (PROGRAM DIRECTORS)

ANESTHESIOLOGY Benjamin M. Rigor, Sr., M.D.
(~~ANESTHESIOLOGY, Acting-----Arnold Staden, M.D.~~)

COMMUNITY MEDICINE
Family Practice C. Frank Webber, M.D.
(~~Family Practice-----Jack A. Haley, M.D.~~)

DIAGNOSTIC RADIOLOGY, Acting Thomas S. Harle, M.D.
(~~DIAGNOSTIC RADIOLOGY-----Gerald D. Dodd, M.D.~~)

INTERNAL MEDICINE
Nephrology Walter M. Kirkendall, M.D.

SURGERY
(~~Pediatric Surgery-----Benjy F. Brooks, M.D.~~)

- (5). Revision of the GENERAL INFORMATION sub-section titled THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON in paragraph 3 as follows:

Now in its sixth (~~fifth~~) year, the Houston Medical School has progressed from its prior status as an emerging medical school to a full fledged, although (~~very~~) new, medical educational institution. Three (~~two~~) classes have graduated; six classes have been admitted; all sequences of the curriculum have been tested repeatedly and are being refined; facilities and equipment have been activated; a rapidly growing, young, vigorous faculty has been recruited from all over the country; the Hermann Hospital has been extensively expanded; programs in our affiliated hospitals have been activated; nationally competitive residency training programs have been launched; and major research efforts have been initiated and have become productive.

- (6). Revision of the FACILITIES section as follows:

Medical School

Paragraph 3:

The first phase of the major building of the Medical School is now two-thirds complete (~~approaching the halfway point in its construction~~).

Affiliated Hospitals

Paragraph 1:

The 220-bed Cullen Pavilion has been totally renovated. [~~The total renovation of the 220-bed Cullen Pavilion is scheduled for completion in 1975.~~]

Paragraph 5:

The Speech and Hearing Institute [Center] is a University of Texas unit devoted to the care of people with communicative disorders.

Other Instructional Resources

Paragraph 2:

The 120,000-volume Houston Academy of Medicine-Texas Medical Center Library is the library of [~~has made available its extraordinary resources to~~] the Houston Medical School.

Paragraph 3:

A 52,000- [~~20,000~~] volume library emphasizing oncology in the M.D. Anderson Hospital and Tumor Institute and other specialized collections at the Dental Branch and at the School of Public Health are available to medical students.

- (7) Addition of a section on the M.D.-PH.D. PROGRAM as follows:

M.D. - Ph.D. Program

The Medical School and the Graduate School are sponsoring a combined M.D. - Ph.D. Program to meet the needs of students interested in careers as medical scientists. Aspects of this program and potential interest of candidates for it include the necessity to meet the admissions requirements of both the Medical School and the Graduate School. A student could discharge these requirements in as little as five years; but in most instances, it is estimated that more time will be necessary. The detailed program for each successful applicant will be individually arranged. Those who are interested in more detail should inquire through the Admissions office of either the Medical School or the Graduate School.

- (8) Revision of the section on EVALUATION PROCEDURES AND POLICIES, subsection on ORGANIZATION, as follows:

Paragraph 3:

The fourth academic year is divided into eight, approximately month-long, elective periods. In consultation with faculty advisors, each student devises an educational sequence that relates specifically to ultimate career goals and postgraduate education plans. Choosing from among several track options (Family Practice, Specialty Practice, Social and Community Medicine, Behavioral Science, Medical Research, and Undifferentiated), the student selects appropriate elective courses to be taken during seven of the eight available elective periods. One period is selected for vacation or additional elective work. Participation in one of the track options will enable the student to demonstrate the acquisition of some expertise in an area of practice or scientific activity as a requirement for receiving the Doctor of Medicine degree.

~~[The remaining three quarters in the curriculum consists of a series of track options, which include Family Practice, Specialty Practice, Social and Community Medicine, Behavioral Science and Medical Research. In consultation with faculty advisers, each student devises an educational sequence that relates specifically to his ultimate career goals and to his postgraduate educational plans. Participation in one of these track options will enable the student to demonstrate the acquisition of some expertise in an area of practice or scientific activity as a requirement for receiving the Doctor of Medicine degree.]~~

- (9) Revision of and addition to the section on APPLICATION PROCEDURES, as follows:

Paragraph 5:

~~All action concerning the disposition of applications is made by the Admissions Committee. [As soon as possible, each applicant is notified of the committee's action, accepted, not accepted, or deferred for later consideration. The committee meets each week and continues to do so until the class has been filled.]~~

Paragraph 6:

The University of Texas System medical schools initiated a matching plan in 1974 to facilitate the admissions process. At the time of interview, each applicant is provided with a "Preference For School" data card. This is completed and mailed by the applicant directly to the Medical and Dental Application Center by the applicant prior to January 1. This information is not made available to the medical schools. The admission committees submit rank ordered lists of interviewed applicants and from these lists applicants are matched to their preferred medical schools. Letters of acceptance are mailed on January 15, February 15, and March 15. An applicant accepting a place in a less preferred school remains eligible for matching to one more preferred on a subsequent acceptance cycle.

- (10) Deletion of the sub-section on HOUSING of the section on EXPENSES as follows:

~~[The Houston Medical School does not maintain housing facilities. Apartments are available outside the Texas Medical Center. Rentals range from \$115.00 upward. These apartments are usually not within walking distance of the Medical School; therefore, transportation and parking are a consideration. Student permits for the Medical Center remote parking lot may be obtained from the Admissions Office. The charge for a permit is approximately \$6.00 per quarter. Within the Texas Medical Center, furnished apartments for single and married students are available in Laurence H. Favrot Hall. This facility is operated by Texas Medical Center Housing, Inc. Apartment assignments are made by the Resident Manager of Favrot Hall. Priority shall be on the basis of filing a formal application and making a deposit. Several cafeterias are operated by various institutions located within the Texas Medical Center. In addition, there are restaurants immediately adjacent to the campus.]~~

- (11) Revision of titles from PROGRAMS OF INSTRUCTION to DEPARTMENTS OF INSTRUCTION, pages 30 to 57.
- (12) Revision of duration of clinical electives from five and one-half weeks to four weeks, pages 30-57, with the exceptions of Internal Medicine and Surgery.

- (13) Revisions of and additions to the section on DEPARTMENTS OF INSTRUCTION as follows:

DEPARTMENT OF ANESTHESIOLOGY

Faculty

Department Chairman: Benjamin M. Rigor, Sr., M.D.

[Acting-Program-Director:--Arnold Staden, M.D.]

Professors: Benjamin M. Rigor, Sr., M.D. [Arnold Staden, M.D.]

Associate Professors: Luis J. Moreno, M.D. [Marlene Eng, M.D.]

Assistant Professors: Marietta Panares, M.D., Young K. Yoon, M.D.

[Marjorie H. Henrikson, M.D., Luis J. Moreno, M.D.]

[Instructors:--Mary C. Jou, M.D., Lalithamma K. Shekhara, M.D.]

Clinical Assistant Professors: [James E. McMurray, M.D.]

Clinical Associates: Edwin W. Roberts, D.D.S.

Trainees

Residents: Ignacio Alpizar, M.D., Armando Delgado, M.D., Ming-Cheia Hsu, M.D., Sandra Moore Jordan, M.D., David McDonald, M.D., Milton Mitchell, M.D., King-Chiu Yip, M.D. [Jake E. Davis, M.D., Stephen Gibson, M.D., John German, M.D., Houston Hamby, M.D., John Wallace, D.D.S., Kenneth Weeden, M.D.]

DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY

Trainees

Postdoctoral Fellows: Susan Saine, Ph.D.

Graduate Students: Joe Sorrentino, [Thomas Pringle]

DEPARTMENT OF BIOMEDICAL COMMUNICATIONS

The Department of [Program-in] Biomedical Communications has three [four] major responsibilities:

- It conducts instructional development projects with the faculty to improve selected elements in the curriculum.
- It acquires and distributes learning resources used in the School's instructional programs.
- It offers primary instruction in the areas of Biostatistics and introduction to Computing and Information Systems as well as providing work in special topics related to instructional technology and computing in the laboratory preceptorships and medical specialty tracks. Prototypical projects include work in clinical laboratory analysis, problem-oriented patient records, development of selected self-instruction in biomedical topics and automation applied to biomedical image processing. [general-computation]

Biomedical Communications provides a full range of media production and audiovisual utilization services to support instructional research, administrative and patient care activities of the School. Media services include graphics, photography/ [and] cinematography,

and television.

Faculty

Assistant Professors: [Arthur-Katser, -Ed.D.]

DEPARTMENT OF COMMUNITY MEDICINE

The Department of Community Medicine has been authorized and search for its leadership is underway. It will be charged with giving the students instruction in factors affecting health care delivery. It will also be expected to create demonstration models of effective primary health care delivery. It is to be the unit of the School which will be expected to interface most actively with the School of Public Health. It will also carry out many of the functions associated with departments of preventive medicine at other institutions.

DIVISION OF FAMILY PRACTICE

The Division [Program] is dedicated to preparing students and residents for family practice. This is a broad-based, horizontal program with emphasis on comprehensive medical care for the whole family. The primary base of the program is in the Memorial Hospital (Central), including the Family Practice Clinic for outpatient care. Elective programs are available to senior students as one or two month [ten-week] preceptorships in the offices of family physicians outside the Houston area and as a one or two month elective [ten week-mini-internships] with the Family Practice Residency Program. These electives emphasize the role of the family physician in the medical community as well as in the patients' community.

Faculty

Acting Chief: C. Frank Webber, M.D.

[Program-Director:--Jack-A.--Halley, -M.D.]

Assistant Professors: Merlin D. Lugo-Faria

Clinical Associate Professors: Robert H. Barr, M.D., E. F. Bartsch, M.D., Robert I. Hauser, M.D., C. Frank Webber, M.D. [A.--F.--Falley, Jr.--M.D.]

Clinical Assistant Professors: James T. Makinson, M.D., W. D. Wilkerson, M.D.

Clinical Instructors: James H. Chapman, Jr., M.D., John V. Peet, Jr., M.D.

Clinical Associates: Robert S. Alexander, M.D., Gustav Bansmer, M.D., Juan Dieck, M.D., Harold A. High, M.D., Henry Pain, M.D., Eugene Patterson, M.D., Charles Pummil, M.D., Dean Sadler, M.D., Edwin P. Virgin, M.D., Otto C. Walling, Jr., M.D., Carl E. Williford, M.D.

Trainees

Residents: J. A. Aychit, M.D., Bertrum Garrett, M.D., Enrique Longhi, M.D., Suresh Moonat, M.D., Charles Morgan, M.D., Nofal Musfy, M.D., Charles Payling-Wright, M.D., Mallika Rai, M.D., Herman Reyes, M.D., Charles Railsback, M.D., Martin Allen Stolbun, M.D., John Lee Wait, M.D., Michael Wall, M.D., David Woerner, M.D. [Lee-Baggett, -M.D.]

Hugh-B-Burris, M.D., John-L-Dillon, M.D., Enrique-B-Granda, M.D., Donald-G-Hagan, M.D., Pe-Wen-Lee, M.D.]

Interns: Clarence Doyle Haynes, M.D., Oscar Hernandez, M.D. [Jyotsna-A-Ayachit, M.D., Harry-L-Faust, D.O., Bertram-D-Garrett, M.D., William-T-Hendricks, M.D., Sunita-Moonat, M.D., Nefal-Musfy, M.D., Gloria-Ortate, M.D., Charles-Payline-Wright, M.D., Mallika Rai, M.D., Rafael-Verduzco, M.D.]

DEPARTMENT OF DERMATOLOGY

The Department [Program] provides an introduction to dermatology for all medical students by covering the pathogenesis, diagnosis and management of common cutaneous problems. Emphasis is placed upon the relationship of skin findings and systemic disease. Visual aids and patients are used in conjunction with presentations and seminars. A clinical dermatology elective of four [five-and-one-half] weeks is offered to senior students. [The] Hermann Hospital Skin Clinics, [and-the] private offices of selected faculty members, and certain other clinical units introduce the student to the responsibility of dermatologic care. Rotations through the Department [Program] are offered to interns and residents.

DEPARTMENT OF DIAGNOSTIC RADIOLOGY

Clinical electives of four [five-and-one-half] weeks or more are available to senior students and emphasize radiologic technique, indications and contra-indications for various procedures and the fundamentals of film interpretation.

Faculty

Acting Chairman: Thomas S. Harle, M.D.
[Program-Director--Gerald-D-Dodd, M.D.]

Associate Professors: [Stanley-Handel, M.D., Lee-Rogers, M.D.]

Assistant Professors: Patricia Athey, M.D., O. Preston Copeland, M.D., Stanley Handel, M.D., [Roger-Alan-Maupin, M.D., Hector-Medel-Tin, M.D.]

[Instructor--Patricia-Athey, M.D.]

Clinical Assistant Professors: Norma [Eleanor] F. Harris, M.D., Ralph G. Peil, M.D., Barry I. Samuels, M.D., Kenneth B. Tennyson, M.D.

Clinical Associate: Otto Munoz, M.D.

Trainees

Residents: John Davis, M.D., Rao Kataragadda, M.D., Dennis O'Connor, M.D., Jesus Zornoza, M.D. [Lloyd-Davis, M.D., Charles-E-Fenton-ott, M.D., Marsha-McNeese, M.D., Lennon-Wyche, M.D.]

DEPARTMENT OF INTERNAL MEDICINE

The Department of Internal [Program-in] Medicine is designed to provide broad educational experiences for undergraduate and graduate students in general medicine and its subspecialties [to-undergraduate-and-graduate-students]. Emphasis in the Department [Program] is placed on clinical training leading to the practice of internal

medicine and to the production of relevant and high quality research.

The undergraduate program of the department supports ~~[infiltrates]~~ many of the basic science courses and has heavy roles in the Systems Biology and Introduction to Clinical Medicine courses. Clerkships, both on the ward and in the outpatient areas, are important teaching responsibilities. In addition, there is a four-year post-doctoral program. The first year ~~[of these]~~ is a straight internship which is divided into eight months' service on wards or clinics of the three hospitals and a rotation through Neurology and an intensive care area as well as through an emergency room. Subsequent years ~~are~~ ~~[may-be]~~ tailored to fit the needs of the trainee. ...

Faculty

Chief, [Director] Division of Cardiology: Evan D. Fletcher, M.D.

Chief, [Director] Division of Hematology: Joel Moake, M.D.

Chief, [Director] Division of Infectious Diseases [and-Clinical-Microbiology] Herbert L. DuPont, M.D.

Chief, Division of Nephrology: Walter M. Kirkendall, M.D.

Chief, [Director], Division of Pulmonary Medicine: Warren C. Miller, M.D.

Professors: ~~[Robert-Oseashan, M.D.]~~

Assistant Professors: Soad Bekheit, M.D., Jeane P. Hester, M.D., Robert B. Livingston, M.D., Guillermo A. Nottebohm, M.D., James C. Thomas, M.D.

Instructors: Kenneth E. Sack, M.D. [Jeane-P-Hester, M.D., Robert-B-Livingston, M.D., James-C-Thomas, M.D.]

Clinical Assistant Professors: ~~[Jorge-Veronelli, M.D.]~~

Clinical Associates: Richard W. Blakely, M.D., Oscar De La Rosa, M.D., Christy Saller Hebert, M.D., Guillermo Porras, M.D., Stuart Rosenthal, M.D. [Harold-Brown, M.D., Edmund-K-Deak, M.D.]

Trainees

Residents: William Abramovits, M.D., Keith A. Aldinger, M.D., Brian C. Barnes, M.D., William J. Bennett, M.D., Richardo Bolivar, M.D., Murff W. Box, M.D., Frank E. Cormia, M.D., Stephen Z. Fadem, M.D., Victor J. Lanzotti, M.D., Richard P. Lenehan, M.D., Steven Rosenblatt, M.D. [Rigina-B-Acheson, M.D., Richard-W-Blakely, M.D., W-Wayne Cooper, M.D., Douglas-R-Lyle, M.D., Warren-W-Simi, M.D., Robert-T-Wall, M.D., Lawrence-W-Worth, M.D.]

Interns: David C. Booth, M.D., Harold J. Brody, M.D., Charles F. Butler, M.D., Donald T. Cassidy, M.D., James E. Crook, M.D., Marc P. Cruciger, M.D., James E. McCoomb, M.D., Paul Miller, M.D., Dana O. Olson, M.D., [William-Abramovits, M.D., Keith-Aldinger, M.D., William-Bennett, M.D., Steven-Fadem, M.D., Herbert-A-Helman, M.D., Gary-E-Hrnicek, M.D., George-G-Hughes, M.D., Gene-R-Ream, M.D.]

DIVISION OF CARDIOLOGY

Evan Fletcher, M.D., Chief
Division of Cardiology

The Division of Cardiology is in the formative stage. The objectives are to provide a high quality clinical service for the major teaching hospital, to provide a training program for students in the Medical School, and to make arrangements for the institution of cardiovascular research, both experimental and clinical.

The following departments are currently being instituted.

1) The Heart Station

Provisions are made in the new building of the Hermann Hospital for the transfer of the Heart Station from its present site. Equipment is now available for an exercise laboratory, including a treadmill, phonocardiography, vectorcardiography, echocardiography and routine single channel electrocardiography. Technical personnel are currently being trained in new techniques. The facilities provided enhance the clinical cardiological service and are also suitable for clinical cardiological research.

2) Cardiac Catheterization Laboratory

Consideration is currently being given to the provision of an up-to-date cardiac catheterization laboratory which will be located in the present X-Ray Department in the Hermann Hospital. It will provide for comprehensive investigatory techniques including biplane sine angiocardiology and will be computerized. Hemodynamic studies in addition to cardioangiography will be available and the laboratory will have the capacity to undertake cardiovascular research. The equipment will be suitable for the investigation of pediatric cardiac cases.

3) Coronary Care Unit

A new coronary care unit with eight beds has now been opened in the Hermann Hospital. It is comprehensively equipped with all monitoring devices and for investigation of cardiac infarction. It is linked to the Intermediate Care Unit for the management of patients after the acute phase of infarction. The unit is staffed by nurses specially trained in cardiac resuscitation and care. Comprehensive monitoring of rhythm and pressure devices are available and a radiological facility will be provided for insertion of temporary pacemakers.

4) Cardiopulmonary Research Laboratories

These will be provided in the New Medical School building and currently, consideration is being given to the definition of the function of the various laboratories and assessment of the equipment required.

The Division of Cardiology undertakes elective students training and is used for special complications in the Hermann Hospital. The members of the staff are responsible for the cardiovascular clinical aspect of the Systems Biology Course held each year.

Faculty

Chief: Evan Fletcher, M.D.

Professor: Evan Fletcher, M.D.

Assistant Professor: Soad Bekheit, M.D.

Clinical Assistant Professor: Frank Rickman, M.D.

Instructor: Oliver C. Hunter, M.D.

Joel Moake, M.D., Chief
Division of Hematology

The Division provides a clinical consultation service in the Hermann Hospital and operates a weekly outpatient clinic. Additionally, patients are seen in consultation at the M.D. Anderson Hospital. Students and Medical Residents obtain clinical training on Hematology elective rotations, and the Division presents an annual three-week course in general hematology. The fellowship training program in hematology begins in July 1975. The Division has extensive interactions with the Departments of Developmental Therapeutics, Medicine, and Pediatrics at the M.D. Anderson Hospital, and with the division of Hematology at the Baylor College of Medicine.

The Special Hematology Laboratory performs platelet aggregation and adhesiveness studies, clotting factor and complement component assays, and platelet antibody tests. The Hematology Research Laboratories are designed to examine enzymatic mechanisms involved in platelet aggregation and to isolate antigenic determinants in platelet membranes. The division includes graduate students and postdoctoral fellowship trainees in biochemistry.

Faculty

Chief: J. L. Moake, M.D.

Associate Professor: J. L. Moake, M.D., S. A. Assaf, Ph.D.

Assistant Professor: P. L. Cimo, M.D.

Instructor: J. Hester, M.D.

DIVISION OF INFECTIOUS DISEASES

Herbert L. DuPont, M.D., Chief
Division of Infectious Diseases

The division provides instruction and practical training in microbiology and clinical infectious diseases. Specific educational areas include basic microbiology, diagnostic bacteriology and virology, appropriate use of antimicrobial agents, host factors important in pathogenesis of infection, clinical diagnosis of infectious illnesses, and infection control procedures in prevention of nosocomial infections.

During clinical rotations, students are exposed to a wide variety of pediatric and adult infectious diseases and a portion of time is spent in the Hermann Hospital laboratories learning the principles of diagnostic microbiology.

Faculty

Chief: Herbert L. DuPont, M.D.

Professor: Herbert L. DuPont, M.D.

Associate Professors: Millicent C. Goldschmidt, Ph.D., Dieter H. Groschel, M.D., Joseph Sinkovics, M.D., Gerald D. Rodey, M.D.

Assistant Professors: Larry K. Pickering, M.D., Terry K. Satterwhite, M.D.

Instructors: Richard H. Conklin, M.D., Ph.D., Benjamin L. Portnov, M.D.

Fellows: Charles D. Ericsson, M.D., Guillermo M. Ruiz-Palacios, M.D.

Clinical Associate Professors: Stuart Riggs, M.D., Lewie L. Travis, M.D.

DIVISION OF NEPHROLOGY

Walter M. Kirkendall, M.D., Chief
Division of Nephrology

The Nephrology Division is organized to provide educational opportunities in the broad field of renal diseases and electrolyte disturbances to both graduates and undergraduates. The clinical facilities of Hermann Hospital and M.D. Anderson Hospital are available for clinical activity as is a well designed dialysis area for acute dialyses in Hermann Hospital. Close relationships are maintained with the chronic dialysis stations elsewhere in the city and transplantation activities are carried out in conjunction with Baylor College of Medicine.

In addition to concentrated didactic material for both undergraduates and house officers, the Division provides support for clinical activity in M.D. Anderson Hospital and Hermann Hospital. Preceptorships are available to senior students and house officers rotate through the service. Research opportunities are available for those interested in both laboratory and clinical aspects of nephrology and hypertension.

Faculty

Chief: Walter M. Kirkendall, M.D.

Assistant Professors: Guillermo A. Nottebohm, M.D., Walter M. Kirkendall, M.D.

Clinical Associate Professors: Kenneth P. Binman, M.D., J. Bernard Hicks, M.D.

Clinical Associates: Ray B. Durrett, M.D., Christy L. Saller, M.D.

DIVISION OF PULMONARY MEDICINE

Warren C. Miller, M.D., Chief
Division of Pulmonary Medicine

The teaching program of the Pulmonary Division provides basic and

clinical education for students, house staff and fellows in all aspects of Respiratory Medicine. Emphasis is placed on Inhalation Therapy, Intensive Respiratory care, Pulmonary Function testing, diagnostic techniques and the clinical approach to Chest diseases.

Student instruction begins during the second academic year in the Respiratory section of the Systems Biology course. Senior electives in Pulmonary medicine and Intensive Care are offered. Special laboratory electives are also available.

Faculty

Chief: Warren C. Miller, M.D.

Assistant Professor: Warren C. Miller, M.D.

Instructor: Brian Bradley, M.D.

Clinical Associate Professor: Joel E. Reed, M.D.

Clinical Associates: Samuel F. Boushy, M.D., Gene R. Lindley, M.D., Martin Kaplan, M.D.

Trainees

Fellows: Warren Simi, M.D., Louis Mendoza, M.D.

DEPARTMENT OF NEUROLOGY

Faculty

Clinical Associate Professors: [~~Israel H. Schuleman, M.D.~~]

Clinical Assistant Professors: [~~Harris M. Hauser, M.D.~~]

Clinical Instructors: Dennis G. Brown, M.D., Jerry Ray Tindel, M.D.
[~~Jack N. Alpert, M.D., Edward F. Good, M.D., Robert M. Gordon, M.D.~~]

Clinical Associates: Jack N. Alpert, M.D., Edward F. Good, M.D., Robert M. Gordon, M.D., Harris M. Hauser, M.D. [~~Meyer E. Profer, M.D.~~]

DEPARTMENT OF NEUROSTRUCTURE AND FUNCTION

Faculty

Assistant Professors: Dianna A. Redburn, Ph.D.

Trainees

Graduate Students: Margaret Bell, Mary Catherine King, Thyon Rujirek-agulwat, Henry Wachtendorf [~~Kathleen Warburger~~]

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

Faculty

Clinical Associate Professors: Robert H. Barr, M.D.

Clinical Associates: Herman L. Gardner, M.D., Carlos Vaguero-Flores, M.D. [~~Hate Brown, M.D.~~]

Trainees

Residents: Michael Coffey, M.D., Greer W. Craig, M.D., David G. Galvan, M.D., Stephen E. Williams, M.D., Leroy Rice, M.D., [Garland-D. Anderson, M.D., Carlos Wigoda, M.D.]

DEPARTMENT OF OPHTHALMOLOGY

Faculty

Clinical Instructors: Michael A. Bloome, Paul C. Salmons, M.D.

Trainees

Residents: Ellis DeVille, M.D., Patricia DeYoung, M.D., Jack Holladay, M.D. [Harren-D. Gross, M.D., Kurt-W. E. Guetzow, M.D., Richard E. Kimbrough, M.D., James-W. Speights, M.D.]

DEPARTMENT OF PATHOLOGY

The objectives of the Department are to provide a general educational experience in pathology for medical students, to meet the special training needs of medical technology students and resident physicians, and to participate in continuing education programs for practicing physicians and laboratory technologists and scientists. The department incorporates the disciplines of morbid anatomy, surgical pathology, cytopathology, and the laboratory medicine specialties of hematopathology, immunopathology, clinical chemistry, and clinical microbiology. The educational program for medical students begins with histology in the first quarter of medical school, followed by basic pathology in the second quarter, and a major role in the systems oriented interdisciplinary teaching program during the next four quarters. Formal laboratory preceptorships are offered in the first year and electives of five and one-fourth weeks or more are available to senior students. Electives of five and one-fourth weeks or more are available to senior students. Electives include morbid anatomy, surgical pathology, cytopathology, special projects in laboratory medicine, and basic research.

[The emphasis of the Program is to provide expertise in anatomic pathology and laboratory medicine and to support the systems-oriented interdisciplinary teaching activities of the School of Medicine and the service needs of Hermann Hospital. Teaching is conducted at all levels for medical students, medical technology students and house staff using all modalities from self-instructional material to formal lectures. Electives of five and one-fourth weeks or more are available in laboratory medicine to senior students. They include the performance, selection and interpretation of commonly used tests, surgical pathology and cytology review and rounds on selected patients with test result abnormalities.]

Faculty

Assistant Professors: Mohammed Akhtar, M.D., Carlos Bedrossian, M.D., Jannie Woo, Ph.D.

Adjunct Assistant Professors: John D. Ellis, Jr., Sushma Mahajan, M.D.

[Instructor:--Walfred S. Walter, Ph.D.]

Clinical Assistant Professors: [Samuel-J. Skinner, M.D.]

Trainees

Residents: Frank A. Pisciotta, M.D., John H. Reynolds, M.D., Mitzi T. Valencia, M.D. [Eduardo Bellas, M.D., Ronald Hearne, M.D., Glory Sandberg, M.D.]

Interns: Herman H. Graefe, M.D., Edward T. Kott, M.D.

DEPARTMENT OF PEDIATRICS

The teaching program in Pediatrics emphasizes the maintenance of optimal growth and development and an approach to the sick child and his parents. Certain unique aspects about pediatrics are underscored, such as the extraordinarily important newborn period when there is adaptation to the extrauterine environment and various aspects of mental and physical, as well as biochemical, growth and development.

As the department in Houston has developed, certain aspects of pediatrics have been emphasized. There is interest in the diagnosis and treatment of the newly-born infant with emphasis on intensive pediatric care. There are major interests in genetic, [and] metabolic, endocrine, infectious hematologic and oncologic problems. The importance of primary care is emphasized in the general pediatric clinics and specialty clinics. In addition to the general pediatric program, elective opportunities are available in four [five-and-one-half] week units [increments] in various clinical and laboratory aspects of pediatrics and genetics.

The residency program is designed to produce generalists in pediatrics. Subspecialty training is available in endocrinology, genetics, infectious diseases, neonatology, metabolism and hematology-oncology.

Faculty

Assistant Professors: [Roger E. Stevenson, M.D.]

[Adjunct Assistant Professor:--John P. Beard, Jr.]

Instructors: Carol Ann Consolvo, R.N.

Clinical Associates: Jane T. Guehring, M.D., Robert H. Hardie, M.D., Jerry W. Hoyer, M.D., Edward G. Rizk, M.D.

Trainees

Fellows: Charles Paxson [Paxton], M.D.

Residents: John Blevins, M.D., Gary Heaton, M.D., Michelle McIntosh, M.D., Truman Douty, Jr., M.D.

Interns: [John Blevins, M.D., Truman B. Douty, Jr., M.D., Gary Heaton, M.D., Robert W. Hoops, M.D.]

DEPARTMENT OF PHARMACOLOGY

Faculty

Professors: Thomas F. Burks, Ph.D.

Associate Professors: [Thomas F. Burks, Ph.D.]

Visiting Associate Professor: Robert B. Sanders, Ph.D.

Lecturer: Richard A. Ortez, Ph.D.

Trainees

Postdoctoral Research Fellows [Research-Associates]: Yvonne Clement-Cormier, Ph.D., Ph.D. Marie Hintz, Ph.D., Richard I [G]. Van Inwegen, Ph.D.

Graduate Student: Laurie Bell

DEPARTMENT OF PHYSIOLOGY

Trainees

Postdoctoral [Teaching] Fellows: M. Rebecca Enochs, Ph.D., Man-Fen Fang, Ph.D., George Lanciault, Ph.D., Linda Sander, Ph.D., Larry Schanbacher, Ph.D., Pyotr Thor, Ph.D., David A. Wiseman, Ph.D.

[Research-Associates:--Arun-Mukhopadhyay, M.D., Linda-Sander, Ph.D., Larry-Schanbacher, Ph.D., David-Williams, M.D.]

Graduate Students: M. Cathleen King [Y-J-Kue]

DEPARTMENT OF PSYCHIATRY

Faculty

Associate Professor: Robert Roberts, Ph.D.

Assistant Professors: George S. Glass, M.D., Sidney Zisook, M.D.

Instructor: George Persely, Ph.D.

Clinical Associates: [Howard-G-Grew, M.D., Isadore-D-Peters, M.D., Alfred-W-Vogt, M.D., Paul-J-Walter, M.D.]

Trainees

Residents: Alan J. Adkins, M.D., John O'Donnell, M.D., Margo Restrepo, M.D.

DEPARTMENT OF RADIOTHERAPY

Faculty

Assistant Professors: [Alvah-J-Nelson-III, M.D.]

Trainees

[Research-Associates:--David-J-Grdina, Ph.D., Helen-B-Stone, Ph.D.]

[Residents:--Jack-P-Abrams, M.D., David-W-Ange, M.D., Mario-Angulo, M.D., Mario-R-Baeza, M.D., Franklin-L-Banker, M.D., Jerry-L-Barker, M.D., William-M-Bielskis, Jr., M.D., Guillermo-E-Carbonell, M.D., Rafael-G-Chan, M.D., Honorio-Chiminazzo, Jr., M.D., J-E-Deerbes, M.D., Arthur-D-Hamberger, M.D., David-J-Harter, M.D., Samuel-L-Jampelis, M.D., Joseph-A-LaChance, M.D., Robert-G-Landgren, M.D., Orlando-R-Merino, M.D., J-Drew-Rogers, M.D., Jerrold-P-Saxton, M.D., Thomas-J-Tidwell, M.D.]

DEPARTMENT OF REPRODUCTIVE BIOLOGY AND REPRODUCTIVE ENDOCRINOLOGY

The primary goal of the department is to provide educational experience

for medical students, house staff and practicing physicians in the broad area of reproductive biology and reproductive endocrinology. The educational thrust is oriented toward integration of basic biologic principles into clinical practice of reproductive medicine. A program of graduate and postdoctoral training in reproductive biology and endocrinology is pursued through joint appointments at The University of Texas Graduate School of Biomedical Sciences. In addition, an advanced postresidency program in reproductive medicine is offered to qualified physicians.

Specifically, the department offers a formal course in the Reproductive System for sophomore medical students, laboratory preceptorships for freshmen, clinical exposure for juniors in the Reproductive Disorders Clinic and an elective in Reproductive Medicine for seniors. In addition, formal series of conferences and teaching sessions are held for house staff in obstetrics and gynecology, urology and internal medicine. Through the Graduate School of Biomedical Sciences a series of formal courses is offered for candidates towards Master of Science and Ph.D. degrees: Humoral Regulation of Organ Function; The Reproductive System; Endocrinology I; Endocrinology II; Advanced Reproductive Biology I; Advanced Reproductive Biology II; Comparative Behavior of Vertebrates; Advanced Biochemical Endocrinology; and Introduction to Steroid Biochemistry. The candidates have the opportunity to acquire doctoral research experience in our Department under the tutelage of the faculty in Reproductive Biology and Endocrinology.

Faculty

Professors: Anna Steinberger, Ph.D.

Associate Professors: [~~Anna Steinberger, Ph.D.~~]

Senior Research Scientist: Mridula Chowdhury, Ph.D.

Trainees

[~~Senior Research Associate: Mridula Chowdhury, Ph.D.~~]

Research Associates: H. Edward Grotjan, Jr., Ph.D., Marie Hintz, Ph.D., Larry I. Lipshultz, M.D., Cheryle C. Lu, Ph.D., Luis-Jose Rodriguez, M.D.

DEPARTMENT OF SURGERY

Faculty

Chief, Division of Orthopedic Surgery: Frank F. Parrish, M.D.

Chief, Division of Otolaryngology: Helmuth Goepfert, M.D.

Chief, Division of Urology: Joseph N. Corriere, M.D.

Professors: [~~Felix N. Rutledge, M.D.~~]

Associate Professors: [~~Julian P. Smith, M.D.~~]

Assistant Professors: Donald A. Gard, M.D., Graham L. Hill, Ch.M., E. Ross Kyger, M.D. [~~James T. Wharton, M.D.~~]

[~~Visiting Lecturer in Surgery: Graham L. Hill, Ch.M.~~]

Clinical Associates: Michael C. deBerardinis, M.D., Phillip R. Somers, M.D., Karl E. Tomm, M.D. [David P. A. Sufian, D.O.]

Trainees

Residents: Susan K. Adler, M.D., Robert S. Bloss, M.D., William P. Clarke, M.D., Joseph D. Harris, M.D., A. Carl Henry, M.D., Robert G. Vogel, M.D. [Stephen R. Neece, M.D., Robert D. Pederson, M.D., Laurens R. Pickard, M.D., Kenneth W. Smith, M.D., Philip R. Somers, Jr., M.D.]

DIVISION OF ORTHOPEDIC SURGERY

Faculty

Clinical Associate Professors: Billie D. Burdeaux, M.D., Roland D. Jackson, M.D., Hugh S. Tullos, M.D.

Clinical Assistant Professors: James E. Butler, M.D., William L. Hand, M.D. [Billie D. Burdeaux, M.D., John A. Murray, M.D., Hugh S. Tullos, M.D.]

Clinical Instructors: [James E. Butler III, M.D., William L. Hand, M.D.]

Clinical Associates: Bernard Z. Albina, M.D., Donald E. Baxter, M.D., William F. Cole, Jr., M.D., Edward A. George, M.D., Robert E. Hoekman, M.D., Stanley C. Jones, M.D., Louis I. Loeser, M.D., Thomas S. Padgett, M.D., John H. True, M.D., John A. Murray, M.D.

Trainees

Residents: James Boone, M.D., Allen Criswell, M.D., Forney W. Fleming III, M.D., Kenneth Ford, M.D., Paul A. Griffin, M.D., Don W. Hughes, M.D., Jack Pennington, M.D., Douglas D. Porter II, M.D., William K. Stephenson, M.D., Jeffrey Tucker, M.D., Bradford A. Urquhart, M.D., Leland A. Winston, M.D.

DIVISION OF OTOLARYNGOLOGY AND HEAD AND NECK SURGERY

The division provides a broad training in all fields of otolaryngology and head and neck surgery. The affiliated hospitals in the division are Hermann Hospital and M.D. Anderson Hospital.

The main emphasis is placed in the fields of clinical otolaryngology and head and neck surgery plus involvement in research projects which are encouraged in those interested.

At the senior student year level elective periods are available.

The residency training program which is in a state of provisional approval, will be three years in duration. The program is affiliated with the Houston Speech and Hearing Center with regard to audiology and speech pathology.

Faculty

Chief: Helmuth Goepfert, M.D.

Associate Professor: Helmuth Goepfert, M.D.

Clinical Assistant Professors: J. Ray Dickey, M.D., Melton J. Horwitz, M.D., Charles A. Van Wart, M.D., Richard M. Turney, M.D.

Clinical Associates: Francis I. Catlin, M.D., Claude C. Coty III, M.D., Robert M. Davis, M.D., William L. Draper, M.D., George A. de-Cardenas, M.D., J. Charles Dickson, M.D., Marion V. Filippone, M.D., Herbert Harris, M.D., John W. Herndon, M.D., Joe A. Izen, M.D., Van L. Lawrence, M.D., Marvin W. Lerner, M.D., Harold Reuter, M.D., Allen N. Weaver, M.D., Ben T. Withers, M.D., William K. Wright, M.D.

Trainees

Residents: Pedro Jimenez, M.D., Alberto A. J. Maillard, M.D.

Intern: Wesley W. O. Krueger, M.D.

DIVISION OF UROLOGY

The Urologist is a surgeon who deals with all the diseases of the urinary and male genital tract, retroperitoneal space and adrenal glands. The student's first contact with this specialty is in the Systems Biology Course in the sophomore year. The core material necessary for graduation is presented in the form of illustrated lectures, demonstrations, physical examination of both mannequins and patients and printed handouts with pertinent cited references which the student is expected to pursue. The pathophysiology, diagnosis and treatment of hematuria, prostatism, urinary tract infections, urinary calculi, micturition and the neurogenic bladder will be covered in the session on the urinary tract in a problem-oriented fashion. The pathophysiology and diseases of the male genital tract will be covered in the section on the reproductive system in a similar manner.

Topics to be covered in the junior year are genito-urinary tract neoplasms and urinary tract trauma. These subjects will be discussed in small seminar groups. It is expected that the student will participate in the active care of patients with all the disorders mentioned above during his rotations on the various clinical services. A working knowledge of renal function and the ability to perform a urinalysis, catheterize a patient, and recognize abnormalities on a urogram should also be mastered during this year.

In the senior year, two electives are offered. One month can be spent at the Hermann Hospital participating in the care of patients with general urologic problems. Participation in surgical procedures, the evaluation and diagnosis of diseases of the urinary and male genital tract, and the care of the ambulatory patient will be stressed. The student will attend the weekly X-Ray Conference and Residents' Conference. Ready access is available to a fine department library of books, journals and audio-visual aids dealing with urologic problems.

For the advanced student interested in oncology, a rotation can be arranged at the M.D. Anderson Hospital and Tumor Institute to deal strictly with neoplasia. This rotation is by special arrangement only. Preference will be given to those students who have demonstrated a working knowledge of urologic principles.

Medical renal diseases, renal vascular hypertension, endocrine disorders, adrenal diseases and the management of sepsis and shock are also considered core material pertinent to urology but will be taught by other departments in both a didactic and clinical fashion. The

goal of the department is to teach the student to recognize disease in the urinary tract and male genital tract, to know what he can handle by himself, and what assistance the urologist can offer him when he is faced with a problem beyond his capabilities.

Faculty

Chief: Joseph N. Corriere, Jr., M.D.

Professors: Joseph N. Corriere, Jr., M.D.

Assistant Professors: Robert Bruce Bracken, M.D., William T. Conner, M.D., Larry I. Lipshultz, M.D.

Clinical Professors: Cecil M. Crigler, M.D.

Clinical Associates: Michael C. deBerardinis, M.D., Donald E. Fuerst, M.D., N. Maxwell Goodloe, M.D., Donald S. Huger, M.D., Homer F. Leifeste, M.D., Newton F. McDonald, M.D., Ross D. Margraves, M.D., Robert R. Martinez, M.D., Ray M. Morgan, M.D., James Morneau, M.D., Donald J. Neese, M.D., Michael K. O'Heeron, M.D., Marvin G. Rape, M.D., Thane T. Sponsel, M.D., David M. Stahl, M.D., Albert M. Thomas, M.D., Garrett R. Tucker III, M.D., E. Carson Williams, M.D.

Trainees

Residents: Gary Appelt, M.D., M. C. Fitzpatrick, M.D., B. Russell Simmons, M.D., Juan F. Stern, M.D., Rodney Traeger, M.D., Alan K. Young, M.D.

(14) Addition to section on MEDICAL DEGREES CONFERRED as follows:

MEDICAL DEGREES CONFERRED
October, 1974

C. Doyle Haynes, M.D. U.T. Integrated Residency Program
Houston (Family Practice)

June, 1975

Fred McD. Atkins, M.D. U.T. Integrated Residency Program
Houston (Pediatrics)

Bryan B. Beck, M.D. U.T. Integrated Residency Program
Houston (Medicine)

D. Robert Chapman, M.D. U.T. Integrated Residency Program
Houston (Surgery)

Clement Chow, M.D. Baylor College of Medicine Affili-
ated Hospitals, Houston (Flexible)

Charles T. Clemons, M.D. University of Kansas Medical Center
Kansas City, Kansas (Pediatrics)

Lester B. Collins, M.D. U.T. Integrated Residency Program
Houston (Flexible)

D. Baxter Craig, M.D. Fort Sam Houston Army Hospital
San Antonio (Medicine)

<u>E. Darrell Crisp, M.D.</u>	<u>U.T. at San Antonio Teaching Hospitals (Pediatrics)</u>
<u>H. Eugene Dayton, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Family Practice)</u>
<u>William R. Duff, M.D., Ph.D.</u>	<u>Baylor College of Medicine Affiliated Hospitals, Houston (Psychiatry)</u>
<u>John H. Focke, M.D.</u>	<u>John Peter Smith Hospital Fort Worth (Family Practice)</u>
<u>Thomas L. Gray, M.D.</u>	<u>Tucson Hospitals Medical Education Program (Flexible)</u>
<u>Thomas P. Hawk, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Flexible)</u>
<u>Donnie L. Hawkins, M.D.</u>	<u>U.T. at San Antonio Teaching Hospitals (Surgery)</u>
<u>J. Michael Henderson, M.D.</u>	<u>John Peter Smith Hospital Fort Worth (Flexible)</u>
<u>Grover C. Hubley, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Family Practice)</u>
<u>Robert W. Jackson, M.D.</u>	<u>Los Angeles County-U.S.C. Medical Center (Obstetrics and Gynecology)</u>
<u>Gary R. Jacobs, M.D.</u>	<u>St. Louis University Group of Hospitals (Flexible)</u>
<u>J. Stanley Johnson, M.D.</u>	<u>Navy Regional Medical Center Charleston, S. Carolina (Family Practice)</u>
<u>Richard W. Kearley, M.D.</u>	<u>University of Florida Affiliated Hospitals William A. Shands Teaching Hospital and Clinics (Medicine)</u>
<u>Patricia A. Kelley, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Pediatrics)</u>
<u>Edward T. Kott, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Pathology)</u>
<u>Wesley W. O. Krueger, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Flexible)</u>
<u>Kenneth P. Lemmon, M.D.</u>	<u>John Peter Smith Hospital Fort Worth (Flexible)</u>
<u>John M. Lewis, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Flexible)</u>
<u>John K. Long, M.D.</u>	<u>University of Miami Affiliated Hospitals (Surgery)</u>
<u>David A. McClellan, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Family Practice)</u>

<u>Robert L. McClendon, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Family Practice)</u>
<u>Eddie P. Moore, M.D.</u>	<u>John Peter Smith Hospital Fort Worth (Family Practice)</u>
<u>F. David Prentice, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Surgery)</u>
<u>David L. Reeve, M.D.</u>	<u>Memorial Medical Center Corpus Christi (Family Practice)</u>
<u>Josephine W. Session, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Flexible)</u>
<u>Beverly G. Siegal, M.D.</u>	<u>U.T. Medical School at Houston Department of Obstetrics and Gynecology (Research Associate)</u>
<u>Richard W. Smalling, M.D.</u>	<u>University of California-San Diego (Medicine)</u>
<u>Mark E. Stevens, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Family Practice)</u>
<u>Randall D. Stockstill, M.D.</u>	<u>St. Paul Hospital Dallas (Medicine)</u>
<u>Daniel R. Stultz, M.D.</u>	<u>University of Kentucky Medical Center (Medicine)</u>
<u>Daniel R. Terwelp, M.D.</u>	<u>University of Colorado Affiliated Hospitals Denver (Pediatrics)</u>
<u>Carl R. Turner, M.D.</u>	<u>Madigan General Army Hospital Tacoma, Wash. (Pediatrics)</u>
<u>Joseph A. Walter, M.D.</u>	<u>University of Tennessee Affiliated Hospitals Memphis (Flexible)</u>
<u>James R. Wright, M.D.</u>	<u>U.T. Integrated Residency Program Houston (Psychiatry)</u>

(15) Revision of STUDENT SECTION as follows:

[SENIOR-CLASS-ENTERING, -1972

PATRICIA-E.-ANDREWS, -Houston, -B.A., -Rice-University

FRED-McD.-ATKINS, -Wichita-Falls, -B.S., -Midwestern-University

THOMAS-R.-BARLOW, -Odessa, -B.A., -The-University-of-Texas-at-Austin

BRYAN-B.-BECK, -San-Angelo, -B.A., -Trinity-University

DON-R.-CHAPMAN, -Houston, -B.S., -University-of-Houston

CLEMENT-GHOW, -Houston, -B.S., -University-of-Houston

CHARLES-I.-CLEMONS, -Houston, -B.S., -United-States-Merchant-Marine
Academy

LESTER-B.-COLLINS-III,-Houston,-B.A.,-Baylor-University
DANIEL-B.-GRAIG,-Houston,-Texas-Tech-University
EDWIN-D.-CRISP,-Alice,-B.A.,-Trinity-University
HAROLD-E.-DAYTON,-Jr.,-Burnett,-B.S.,-Southwestern-University
WILLIAM-R.-DUFF,-Houston,-Ph.D.,-Purdue-University
JOHN-H.-DURFOR,-Corpus-Christi,-B.S.,-The-University-of-Texas-at-Austin
WILLIAM-T.-EDWARDS,-Houston,-University-of-Houston
JOHN-H.-FOGKE-III,-Mexico,-M.S.,-Texas-A-&-M-University
THOMAS-L.-GRAY,-Houston,-B.S.,-Notre-Dame-University
THOMAS-P.-HAWK,-Houston,-B.A.,-Southern-Methodist-University
DONNIE-L.-HAWKINS,-Stratford,-B.A.,-Southern-Methodist-University
JAMES-M.-HENDERSON,-Childress,-B.S.,-South-West-State-College-(Oklahoma)
GROVER-G.-HUBLEY,-Jr.,-Midland,-B.A.,-North-Texas-State-University
ROBERT-W.-JACKSON,-Turlock,-California,-B.A.,-University-of-California-at-San-Diego
GARY-R.-JACOBS,-Longview,-The-University-of-Texas-at-Austin
JOE-S.-JOHNSON,-Muleshoe,-B.S.,-Baylor-University
RICHARD-W.-KEARLEY,-Longview,-B.S.,-Baylor-University
EDWARD-T.-KOTT,-San-Antonio,-St.-Mary's-University
WESLEY-W.-KRUEGER,-Victoria,-M.S.,-The-University-of-Texas-Medical-Branch-at-Galveston
KENNETH-P.-LEMMON,-Baytown,-B.S.,-Baylor-University
JOHN-M.-LEWIS,-Houston,-B.A.,-The-University-of-Texas-at-Austin
JOHN-K.-LONG,-Billings,-Montana,-B.A.,-The-University-of-Texas-at-Austin
DAVID-A.-McGLELLAN,-Spearman,-B.S.,-The-University-of-Texas-at-Austin
ROBERT-L.-McGLENDON,-Corpus-Christi,-B.A.,-The-University-of-Texas-at-Austin
JOSEPHINE-W.-MANNING,-Houston,-B.S.,-Lamar-State-University
EDDIE-P.-MOORE,-DeLeon,-B.S.,-Tarleton-State-College
PAULA-M.-MOELKE,-Mertzon,-B.A.,-Rice-University
FRED-D.-PRENTICE,-Wichita-Falls,-B.A.,-Tulane-University

DAVID-L-REEVE, Friona, B.A., McMurry College
 B.-RICHARD-RESPESS, Jr., Houston, B.A., Princeton University
 BEVERLY-G-SIEGAL, San Antonio, B.S., Wellesley College
 RICHARD-W-SMALLING, Baytown, M.S., The University of Texas at
 Austin
 MARK-E-STEVENS, El Paso, B.S., The University of Texas at El Paso
 RANDALL-D-STOCKSTILL, Gordon, The University of Texas at Austin
 DANIEL-R-STULIZ, Dallas, B.S., Southwestern University
 DANIEL-R-TERWELP, San Antonio, B.S., The University of Texas at
 Austin
 CARL-R-TURNER, Houston, M.S., University of Houston
 JOSEPH-A-WALTER-III, Bellair, B.S., The University of Texas at
 Austin
 JAMES-R-WRIGHT-III, Port Arthur, B.A., Texas Christian University]

- (16) Addition of a chart outlining the CURRICULUM FOR STUDENTS ENTERING
 IN JUNE, 1975 by quarters. A copy is attached.

CURRICULUM FOR STUDENTS ENTERING IN JUNE 1975

	1st (Summer) Quarter		2nd (Fall) Quarter		3rd (Winter) Quarter		4th (Spring) Quarter		5th (Summer) Quarter		6th (Fall) Quarter		7th (Winter) Quarter		8th (Spring) Quarter		9th (Summer) Quarter		
First Academic Year (begins June 1975)	Gross Anatomy Microanatomy Neuroanatomy Emergency Room Preceptorships 11 weeks	1 week recess	Biochemistry Basic Pathology Genetics Clinical Preceptorships 11 weeks	4 week recess	Basic Microbiology Basic Pharmacology Neuroscience Biomathematics Laboratory Preceptorship 11 weeks	1 week recess													
Second Academic Year (begins March 1976)	Systems Biology Cardiovascular Respiratory Renal Introduction to Clinical Medicine Laboratory Preceptorship 11 weeks	2 week recess	Systems Biology Gastrointestinal Musculoskeletal Skin Special Senses Introduction to Clinical Medicine 11 weeks	1 week recess	Systems Biology Endocrine Reproductive Hematopoietic Infectious Diseases Behavioral Science Introduction to Clinical Medicine 11 weeks	4 week recess													
HH-40 Third Academic Year (begins January 1977)	Clinical Clerkship Rotations* 11 weeks	1 week recess	Clinical Clerkship Rotations* 11 weeks	2 week recess	Clinical Clerkship Rotations* 11 weeks	3 week recess													
Fourth Academic Year (begins October 1977)	Track Elective Period 1 1 month		Track Elective Period 2 1 month		Track Elective Period 3 1 month		Track Elective Period 4 1 month		Track Elective Period 5 1 month		Track Elective Period 6 1 month		Track Elective Period 7 1 month		Track Elective Period 8 1 month				

*Medicine (11 weeks), Obstetrics/Gynecology (5½ weeks), Pediatrics (5½ weeks), Surgery (5½ weeks), Family Practice (1 afternoon per week)

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GRADUATE SCHOOL OF BIOMEDICAL SCIENCES CATALOG: Approval is respectfully requested for the following revisions and additions to the Graduate School catalogue for the academic year 1975-76.

1. Delete Section II, The University of Texas System, pages 11-14.
2. Delete the following subsections from Section V, Information for Students Admission: Health Service Fee and Health Insurance Premium, page 35; Student Health Services, pages 39-40; Living Arrangements, page 40; and Houston, page 41.
3. Revise Section VII, The Faculty, as follows:

Page 74, Earl F. Walborg, Jr., Associate-Professor-of-Biochemistry; Professor of Biochemistry, MDA. B.A., Austin College, 1958; Ph.D., BUCM, 1962.

Page 76, Wen Hsiung Li, Assistant-Professor, Assistant Professor of Population Genetics, GSBS. B.E., Chung-Yuan College, 1965; M.S., National Central University, 1968; Ph.D., Brown University, 1972.

Page 80, Kenneth M. Weiss, Assistant-Professor; Assistant Professor of Population Genetics, GSBS. B.A., Oberlin College, 1963; M.A., Ph.D., University of Michigan, 1969, 1972.
4. Add the following to Section VII, The Faculty:

Ranajit Chakraborty, Assistant Professor of Population Genetics, GSBS. B.S., M.S., Ph.D., Indian Statistical Institute, 1967, 1968, 1971.

Ajit K. Chowdhury, Assistant Professor, Program in Reproductive Biology and Endocrinology, MS. B.Sc., M.Sc., Ph.D., University of Calcutta, 1951, 1953, 1958.

Ira Cecil Felkner, (Special), Visiting Associate Professor of Biology from Texas Tech University, GSBS, MDA. B.A., M.A., Ph.D., The University of Texas at Austin, 1958, 1960, 1965.

Robert B. Naso, Assistant Professor of Biology, MDA. B.A., State University of New York at Buffalo, 1966; Ph.D., West Virginia University, 1971.

Harvey B. Nudelman, Assistant Professor of Psychiatry and Neurostructure, MS. B.S., Washington University, 1961; M.S., Iowa State University, 1965; Ph.D., University of Illinois, 1971.

Theodore D. Pate, Assistant Professor of Physiology, DB. B.S., California State Polytechnic University, 1967; M.S., University of Nebraska, 1969; Ph.D., Baylor College of Medicine, 1974.

Sen Pathak, Assistant Professor of Biology, MDA. B.Sc., M.Sc., Ph.D., Banaras Hindu University, 1961, 1963, 1967.

Cynthia R. C. Pfaffenberger. Assistant Professor of Developmental Therapeutics, MDA. B.S., National Taiwan University, 1961; Ph.D., Purdue University, 1967.

Dianna A. Redburn, Assistant Professor of Neurostructure and Function, MS. B.S., Centenary College, 1964; Ph.D., University of Kansas, 1972.

Alexander Y. M. Wang, Assistant Professor in Pediatrics, MDA. B.S., National Taiwan Chung-Hsiung University, 1964; Ph.D., Vanderbilt University, 1971.
5. Add the following to Section IV, Graduate Programs and Degree Requirements, page 28, before the Vocational Rehabilitation paragraph:

Master of Science (Language Sciences): For information about this program, please refer to the Speech and Hearing Institute section of the Health Science Center catalog.

PUBLIC HEALTH SCHOOL CATALOG: Approval is recommended for the following revisions and additions to the Public Health School catalog for the academic year 1975-1976.

(1) Revision of THE ACADEMIC CALENDAR, 1975-76 as follows:

Sept. 29-Oct. 3	Orientation and Registration for Fall Quarter
Oct. 6	Instruction begins (Late registration fee of \$5 effective)
Oct. 13	Last day to register for Fall Quarter
Oct. 17	Last day to add a course
Nov. 27-28	Recess (Thanksgiving)
Dec. 12	Instruction ends Last day to drop a course
Dec. 14-19	Evaluation Period/Registration for Winter Quarter for continuing students*
Dec. 20-Jan. 4	Recess (Christmas and New Year's)
Jan. 2	Registration for Winter Quarter for new students
Jan. 5	Instruction begins (Late registration fee of \$5 effective)
Jan. 12	Last day to register for Winter Quarter
Jan. 16	Last day to add a course
Mar. 12	Instruction ends Last day to drop a course
Mar. 15-19	Evaluation Period/Registration for Spring Quarter*
Mar. 20-28	Recess
Mar. 29	Instruction begins (Late registration fee of \$5 effective)
Apr. 5	Last day to register for Spring Quarter
Apr. 9	Last day to add a course
Apr. 16	Recess (Good Friday)
May 31	Recess (Memorial Day)
June 4	Instruction ends Last day to drop a course
June 7-11	Evaluation Period/Registration for Summer Quarter*
June 11	Graduation Day
June 12-20	Recess
June 21	Instruction begins (Late registration fee of \$5 effective)
June 28	Last day to register for Summer Quarter
July 2	Last day to add a course
July 5	Recess (Independence Day)
Aug. 26	Instruction ends Last day to drop a course
Aug. 27	Recess (LBJ's Birthday)
Aug. 30-Sept. 3	Evaluation Period
Sept. 4-26	Recess
Sept. 27-Oct. 1	Orientation and Registration for Fall Quarter 1976-77

~~[Additional information regarding deadlines for completion of theses and projects can be found on page 32.]~~

*The specific times and days for registration will be announced.

- (2) Revision of TABLE OF CONTENTS as follows:

Introduction	2
The Academic Calendar	4
Board of Regents	5
Administration	6
General Information	7-11
Texas Medical Center	12-13
Objectives	14
Faculty	
Academic Programs	
Degree Programs	
Other Special Programs	
Student Financial Assistance	
Procedures for Completion of Theses or Project Reports	
Library Facilities	
Admission Procedures	
Tuition and Fees	
Courses of Instruction	
For further information write:	
Office of Student Records	
The University of Texas Health Science Center at Houston	
School of Public Health	
P.O. Box 20186	
Houston, Texas 77025	

- (3) Delete the entire GENERAL INFORMATION, pp. 1-2
- (4) Add OBJECTIVES section

The School of Public Health bears first the responsibility to provide academic instruction relevant to the planning, organization, and conduct of the complex array of activities that constitutes public health. Public health embraces a remarkable variety of skills, requiring persons trained in medicine, other professional health fields, and many aspects of physical, biological, and social sciences. The School of Public Health must provide the orientation and philosophy that establish unity from this diversity.

The second major objective of the School of Public Health is to serve as a focus of research activities directed toward community health problems. Progress in the protection and promotion of health can proceed no more rapidly than knowledge of these problems advances. The search for new knowledge must be nurtured, lest the practice of public health grow sterile and atrophy.

No professional school can long maintain its excellence if it remains isolated from the realities, the practicalities of professional practice. Thus, the School of Public Health has a third major objective, to provide service to and maintain strong relations with public health practice. This helps to insure that the teaching and research programs within the School continue to have relevance to the current problems of the community.

- (5) Delete the entire OFFICERS OF ADMINISTRATION, pp. 3-4
- (6) Revision of FACULTY, pp. 5-11

Elizabeth T. Anderson, Assistant Research Community Health Planner; B.S., Univ. of Miami, 1968; M.S., Texas Woman's Univ., 1972.

~~[Cornelius Askew, Jr., Assistant Professor of Epidemiology; B.S., Tennessee State Univ., 1961; M.S., Tennessee State Univ., 1963; M.S.S.P.H., Univ. of Oklahoma, 1966; Dr.P.H., Univ. of Oklahoma, 1969.]~~

Stephen W. Bennett*, Associate Professor of Epidemiology; B.A., Stanford Univ., 1957; M.D., Stanford Univ., 1961; M.P.H. & T.M., Tulane Univ., 1963; Dr.P.H., Tulane Univ., 1967.
*On leave 1975-76 academic year.

~~[Kenneth R. Boyd, Assistant Professor of Microbiology; B.S., Denison Univ., 1960; M.S., Univ. of Illinois, 1965; Ph.D., Univ. of Illinois, 1969.]~~

Ronald L. Cada, Assistant Professor of Microbiology; B.S., Colorado State Univ., 1966; M.S., Colorado State Univ., 1968; Dr.P.H., The Univ. of Texas, 1974.

Paul W. Callen, Assistant Research Computer Scientist; B.S., Univ. of Oklahoma, 1961.

~~[Michael Gardin, Assistant Professor of Urban Health; B.A., Univ. of Southern California, 1967; J.D., Univ. of Southern California, 1970.]~~

Bobbe L. Christensen, Assistant Professor of Epidemiology; B.S., St. John's Univ., 1956; M.A., New York Univ., 1968.

Gary R. Cutter, Assistant Professor of Biometry; B.A., The Univ. of Missouri, 1970; M.S., The Univ. of Texas, 1971; Ph.D., The Univ. of Texas, 1974.

Ernst M. Davis, Associate Professor of Environmental Health; B.A., North Texas State Univ., 1956; M.A., North Texas State Univ., 1962; Ph.D., Univ. of Oklahoma, [Oklahoma Univ-] 1966.

Michael Decker, Associate Professor of Public Health Administration; A.B., Western Michigan Univ., 1963; A.M., Western Michigan Univ., 1966; Ph.D., Case Western Reserve Univ., 1969.

Ronald N. Forthofer, Associate [Assistant] Professor of Biometry; B.S., Univ. of Dayton, 1966; M.S., Univ. of North Carolina, 1968; Ph.D., Univ. of North Carolina, 1970.

Loretta T. Gottschalk, Assistant Research Community Health Planner; B.S., Case Western Reserve Univ., 1971; M.S., The Univ. of Missouri, 1972.

Vincent F. Guinee, Associate Professor of Epidemiology; B.S., Fordham Univ., 1955; M.D., Cornell Univ. Medical College, 1959; M.P.H., Harvard School of Public Health, 1966.

Rufus K. Guthrie, Professor of Microbiology and Ecology; B.A., The Univ. of Texas, 1948; M.A., The Univ. of Texas, 1950; Ph.D., Baylor Univ. College of Medicine, 1954.

Robert J. Hardy, Associate Professor of Biometry; B.S., Southeastern Louisiana College, 1962; M.S., Tulane Univ., 1964; Ph.D., Univ. of California, Berkeley, 1969.

~~[M. Lawrence Heideman, Associate Research Comprehensive Health Planner; A.B., Harvard Univ., 1974; M.D., Washington Univ. (St. Louis), 1949.]~~

Stuart W. Hinds, Associate Professor of Public Health; L.R.C.P., M.R.C.S. (Guys Hospital London, England), 1939; M.B., B.S., Univ. of London, 1941; D.T.M. and H. (London), 1946; M.D., Univ. of London, 1946; M.D., Univ. of London, 1947; M.R.C.P. (London), 1948.

Alfonso H. Holguin, Associate Professor of Epidemiology; B.A., The Univ. of Texas, 1952; M.D., The Univ. of Texas, 1957; M.P.H., Harvard Univ., 1964.

Thomas W. Huber, Visiting Associate Professor of Microbiology; B.A., The Univ. of Texas, 1964; Ph.D., The Univ. of Texas, 1968.

Asha S. Kapadia, Visiting Assistant Professor of Quantitative Management; B.A., Delhi Univ. (India), 1957; M.A., Delhi Univ. (India), 1959; M.S., Massachusetts Institute of Technology, 1965; Ph.D., Harvard Univ., 1969.

Marcus M. Key, Professor of Occupational Medicine; A.B., Columbia College, 1949; M.D., Columbia Univ. College of Physicians and Surgeons, 1952.

~~[Darwin R. Labarthe, Associate Professor of Epidemiology; A.B., Princeton Univ., 1961; M.D., Columbia Univ., 1965; M.P.H., Univ. of California, Berkeley, 1967.]~~

Arthur S. Littell, Professor of Biometry; A.B., Harvard Univ., 1944; A.M., [The] Johns Hopkins Univ., 1948; Sc.D., [The] Johns Hopkins Univ., 1951.

~~[Owen F. McGrory, Assistant Professor Health Economics; B.A., Univ. of Bridgeport, 1966.]~~

~~[John A. Napier, Associate Research Biometrician; B.A., Southwestern Oklahoma State College, 1958.]~~

~~[Robert O. Oseasohn, Professor of Epidemiology; B.S., Tufts College, 1943; M.D., Long Island College of Medicine, 1947.]~~

Matthew W. Plummer, Jr., Assistant Professor of Dental Health; B.S., Morehouse College, 1965; M.P.H., Harvard School of Public Health, 1974; D.M.D., Harvard School of Dental Medicine, 1974.

~~[Richard D. Remington, Professor of Biometry; B.A., Montana State Univ., 1952; M.S., Montana State Univ., 1954; M.P.H., Univ. of Michigan, 1957; Ph.D., Univ. of Michigan, 1958.]~~

Jose A. Riumallo, Assistant Professor of Nutrition; M.D., Univ. of Chile Medical School, 1962; Ph.D., Massachusetts Institute of Technology, 1974.

Robert E. Roberts*, Associate Professor of Demography; B.A., B.S., Texas A&M Univ., 1962; M.A., Univ. of Kentucky, 1963; Ph.D., Univ. of Kentucky, 1968.

*On leave during 1975-76 academic year

Marjorie N. Rush, Assistant Professor of Urban Health; B.A., Univ. of Iowa, 1963; M.A., Univ. of Iowa, 1964; Ph.D., Univ. of Washington, 1974.

~~[Constantino T. Sakellarides, Assistant Research Epidemiologist; M.D., Univ. of Lisbon, 1967; M.S., The Univ. of Texas, 1972.]~~

Frederick Sargent, II, Professor of Human Ecology; S.B., Massachusetts Institute of Technology, [Mass.-Inst.-of-Tech.] 1942; M.D., Boston Univ. School of Medicine, 1947.

Janet Schreiber, Assistant Professor of Anthropology; B.A., Univ. of California, Los Angeles, 1968; M.A., Univ. of California, Berkeley, 1970; Ph.D., Univ. of California, Berkeley, 1974.

Gene D. Schroder, Assistant Professor of Ecology; B.A., Rice Univ., 1967; M.A., Rice Univ., 1970; Ph.D., Univ. of New Mexico, 1974.

Beatrice J. Selwyn, Assistant Professor of Epidemiology; B.S., Vanderbilt Univ., 1964; M.S., Tulane School of Public Health and Tropical Medicine, 1970; Sc.D., Tulane School of Public Health and Tropical Medicine, 1974.

Yaal Silberberg, Faculty Associate; B.A., Univ. of Houston, 1964; M.P.H., The Univ. of Texas, 1972; Dr.P.H., The Univ. of Texas, 1974.

~~[Milton P. Siegel, Professor of International Health.]~~

Clarence Skrovan, Associate Professor of Community Health; B.A., Catholic Univ. of America, 1958; M.D., The Univ. of Texas, Galveston, 1964; M.P.H., [The] Johns Hopkins Univ., 1966.

Michael H. Smolensky, Associate [Assistant] Professor of Environmental Physiology; B.S., Univ. of Illinois, 1964; M.S., Univ. of Illinois, 1966; Ph.D., Univ. of Illinois, 1971.

~~[Geoffrey B. Stanford, Associate Research Biomedical Scientist; M.R.C.S., B.R.C.P. (London & England), 1939; D.M.R. (London), 1943; F.R.P.S., 1948.]~~

~~[James H. Sterner, Professor of Environmental/Occupational Health; B.S., Penn. State Univ., 1928; M.D., Harvard Univ., 1932.]~~

John M. Swint, Assistant Professor of Economics; B.A., California State Univ., 1968; M.A., Rice Univ., 1972; Ph.D., Rice Univ., 1972.

Dorothy M. Tuttle, Assistant Professor of Health Services Administration [Associate Research Health Planner]; B.S., Univ. of New Hampshire, 1943; Ph.D., Univ. of Rochester, 1947; M.P.H., The Univ. of Texas, 1973.

(7) Revision of ADJUNCT FACULTY, pp. 11-15

~~[Walter P. Abbott, Ph.D., Adjunct Associate Professor of Environmental Health, Assistant Director and Senior Marine Biologist, Gulf Coast Research Laboratory.]~~

James E. Anderson, Ph.D., Adjunct [Associate] Professor of Community Health [Environmental Health]; Professor and Chairman, Department of Political Science, Univ. of Houston. [Johnson Space Center, National Aeronautics and Space Administration]

~~[Charles M. Barnes, D.V.M., Ph.D., Adjunct Professor of Comparative Pathology; Chief Radiological Health Team, Johnson Space Center, National Aeronautics and Space Administration.]~~

~~[Charles A. Berry, M.D., Adjunct Professor of Aerospace Medicine; Director for Life Sciences, National Aeronautics and Space Administration.]~~

~~[Ralph W. Conant, B.A., M.A., Ph.D., Adjunct Professor of Community Health; President, Southwest Center of Urban Research; Director, Institute of Urban Studies, Univ. of Houston; Prof. of Political Science, Univ. of Houston; Professor of Urban Studies in Architecture, Rice University.]~~

~~[Eric G. Comstock, M.D., Adjunct Associate Professor of Clinical Toxicology; Departments of Community Medicine and Psychiatry, Baylor College of Medicine.]~~

Herbert L. Dupont, M.D., Adjunct Professor of Medicine; Professor and Director, Program in Infectious Diseases and Clinical Microbiology, Medical School, The Univ. of Texas Health Science Center at Houston.

Virgilio Escutia, Jr., M.P.H., Dr.P.H., Adjunct Assistant Professor of Microbiology; Project Manager, United Nations Development Program, Bacteriologic Institute of Chile, Santiago, Chile.

~~[John R. Hall, M.D., M.P.H., Adjunct Professor of Occupational Medicine; Bay Area Medical Associates, Clear Lake, Texas.]~~

James W. Hammond, M.S., Adjunct Associate Professor of Industrial Hygiene; Industrial Hygienist, Exxon Company U.S.A. [~~Humble Oil & Refining Company~~]

William P. Irwin, II, Ph.D., Adjunct Professor of Urban Health; President, Southwest Center for Urban Research.

Roy E. Joyner, M.D., Adjunct Associate Professor of Occupational Health; Medical Director, Shell Oil Company.

Allan H. Levy, M.D., Adjunct Professor of Biomathematics; Professor and Director, Institute of Computer Science, [~~Computer Science Program;~~] Baylor College of Medicine. [~~†~~] [~~Associate Professor, Virology and Epidemiology, Baylor College of Medicine.~~]

Wen-Hsiung Li, Ph.D., Adjunct Assistant Professor of Population Genetics; Assistant Professor of Population Genetics, Graduate School of Biomedical Sciences, The Univ. of Texas Health Science Center at Houston.

John G. Lione, M.D., Adjunct Associate Professor of Occupational Health; Associate Professor of Environmental Health, Tulane Univ., New Orleans, Louisiana.

Charles P. Loomis, Ph.D., Adjunct Professor of Sociology and International Health; M.D. Anderson Professor of Sociology, Univ. of Houston.

William A. McClellan, M.D., Adjunct Associate Professor of Occupational Health; Regional Medical Director, Gulf Oil Company.

~~[Herbert C. McKee, Ph.D., Adjunct Professor of Environmental Health; Southwest Research Institute; Chairman, Texas Air Control Board.]~~

~~[James L. McQueen, D.V.M., Dr.P.H., Adjunct Associate Professor of Environmental Health; Johnson Space Center; National Aeronautics and Space Administration.]~~

~~[Louis Molineaux, M.D., M.P.H., Ph.D., Adjunct Associate Professor of Epidemiology; Division of Research in Epidemiology in Communication Sciences; World Health Organization.]~~

Robert D. Moreton, M.D., Adjunct Professor of Radiological Health; Vice-President for Professional and Developmental Affairs, The Univ. [University] of Texas Health Science Center at Houston, and Vice-President for Professional and Public Affairs, The University of Texas System Cancer Center.

Masatoshi Nei, Ph.D., Adjunct Professor of Population Genetics; Professor of Population Genetics, Graduate School of Biomedical Sciences, The Univ. of Texas Health Science Center at Houston.

~~[Milton Nichaman, M.D., Sc.D., Adjunct Professor of Nutrition; Director, Nutrition Division, Center for Disease Control, Department of Health, Education and Welfare.]~~

James E. Peavy, M.D., M.P.H., Adjunct Professor of [Public] Health Administration; Commissioner of Health, Texas State Department of Health.

Albert G. Randall, M.D., M.P.H., Adjunct Professor of Health Administration; Director, City of Houston [Department of Public] Health Department.

~~[William G. Robertson, Ph.D., Adjunct Associate Professor of Environmental Physiology; Hazelton Research Laboratories.]~~

Harvey B. Snyder, M.D., Adjunct Associate Professor of Occupational Health; Medical Director, Exxon Company U.S.A.

Robert M. Thrall, Ph.D., Adjunct Professor of Biomathematics, Professor of Mathematical Sciences, Rice Univ. [University]

~~[Jorge A. Veronelli, B.A., M.D., Ph.D., Adjunct Associate Professor of Microbiology; Private Practice of Pediatrics.]~~

Calvin H. Ward, Ph.D., Adjunct Professor of Environmental Health; Professor of Environmental Science, Rice Univ.

Neill [Neil] K. Weaver, M.D., Adjunct Associate Professor of Occupational Medicine; Director, Environmental Affairs - Medical, American Petroleum Institute.

Kenneth M. Weiss, Ph.D., Adjunct Assistant Professor of Population Genetics, Graduate School of Biomedical Sciences, The Univ. of Texas Health Science Center at Houston.

Reuben D. Wende, B.S., M.S., Dr.P.H., Adjunct Associate Professor of Microbiology; Director, Laboratory, [Houston] City of Houston Health Department [laboratory].

~~[Edward G. Wertz, Ph.D., Adjunct Professor of Environmental Health; Garrett-Airesearch Manufacturing Company.]~~

Martin C. Wukasch, P.E., C.H.P., Adjunct Associate Professor of Industrial Hygiene and Radiation Health; Director, Texas Radiation Control Agency and the Division of Occupational Health and Radiation Control, Texas State Department of Health.

- (8) Revision of ACADEMIC PROGRAMS, paragraph 2, Sentence 1, p. 16.

To fulfill their responsibilities in teaching, research, and service, the faculty of the School depends heavily upon the community, looking upon it as a living laboratory.

- (9) Revision of THE UNIVERISTY OF TEXAS SCHOOL OF PUBLIC HEALTH MODULES MATRIX, p. 18, as shown on the following page:

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON
SCHOOL OF PUBLIC HEALTH

MODULES MATRIX

DISCIPLINES	PROBLEM ORIENTED TEACHING-RESEARCH PROGRAMS				
	Disease Control	Health Services	International Health	Population Studies & Nutrition	Urban Health
Administrative Sciences	Cada Decker Huber	Baird Grimes Hinds Loe Plummer Tuttle			Key
Behavioral Sciences		Justice	Swint Walker	Bradshaw Roberts	Kennedy Martin
Biometry	Cutter Hsi Hardy Kapadia	Forthofer Glasser Hemphill	Downs Hawkins	Frankowski Lee	Harrist Littell
Environmental Sciences	Davis Gesell Steele	Chambers	Cechova Pier		Severs Smolensky
Epidemiology	Guinee Holguin	Christensen	Selwyn	Roht	Stallones
Human Ecology	Guthrie Scanlon Schreiber	Skrovan		Hacker Riumallo Sargent Schull	Schroder Rush

HH-49

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Revisions in THE TEACHING RESEARCH UNITS

- (10) Revise the Staff Listing of the DISEASE CONTROL Unit, p. 19, as follows:

<u>Discipline</u>	<u>Disease Control Staff</u>
Administrative Sciences	<u>Ronald Cada</u> <u>Michael Decker</u> <u>Thomas Huber</u>
Behavioral Sciences	[Janet Schreiber]
[Biological & Physical Sciences]	[Kenneth G. Boyd] [John E. Scanlon]
Biometry	[Hubert Bray] <u>Gary Cutter</u> <u>Robert Hardy</u> Bartholomew P. Hsi <u>Asha Kapadia</u> [John A. Napier] [Richard D. Remington]
Environmental Sciences	Ernst M. Davis <u>Thomas Gesell</u> James H. Steele
Epidemiology	<u>Vincent Guinee</u> <u>Alfonso Holguin</u> [Darwin R. Labarthe]
<u>Human Ecology</u>	<u>Rufus Guthrie</u> <u>John E. Scanlon</u> <u>Janet Schreiber</u>

- (11) Revise the DISEASE CONTROL Unit list of major research topics, pp. 19-20, as follows:

Major Research Topics:

Arthropod-Borne Disease[s]
 Anthropology of Health and Disease[s]
 Bacterial Disease[s]
 [~~Behavioral Disorders~~]
 Bioassay
 Cancer
 [~~Cerebral Vascular Disease~~]
 Community Mental Health
 Comparative Medical Systems
 [~~Coronary Artery Disease~~]
 Hypertension
Infection Control
Laboratory Methods & Administration
 Mosquito Bionomics
 Parasitic Disease[s]
Radiation Hazards
Veterinary Public Health
 Water Quality
 Zoonoses

- (12) Revise the Staff Listing of the HEALTH SERVICES Unit, p. 20, as follows:

<u>Discipline</u>	<u>Health Services Staff</u>
Administrative Sciences	Valliant C. Baird Richard M. Grimes Stuart Hinds Hardy Loe, Jr. Matthew Plummer Dorothy [M.] Tuttle
Behavioral Sciences	D. Blair Justice [Owen-F.-McGrory]
[Biological-&Physical Sciences]	[Clarence-Skrovan]
Biometry	Ronald N. Forthofer Jay H. Glasser Fay M. Hemphill
Environmental Sciences	Leslie Chambers [Thomas-Gesell]
Epidemiology	[Cornelius-Askew,-Jr.] Bobbe Christensen [Robert-O.-Oseasohn]
Human Ecology	Clarence Skrovan

- (13) Revise the HEALTH SERVICE Unit list of major research topics as follows:

Major Research Topics:

Air Pollution
Cardiovascular Disease
Community Health Nursing
 Community Health Services
 Comprehensive Health Planning
Dental Health
 [Health-Manpower]
 Management Principles
Maternal and Child Health
 Personal Health Services Systems
 Quantitative Methods in Health Services Research
 [Radiation-Health]
 Violence

- (14) Revise the Staff Listing of the INTERNATIONAL HEALTH AND ETHNIC STUDIES Unit as follows:

<u>Discipline</u>	<u>International Health Staff</u>
Administrative Sciences	[Milton-P.-Siegel]
Behavioral Sciences	J. Michael Swint George M. Walker, Jr.
[Biological-&Physical Sciences]	
Biometry	Thomas Downs C. Morton Hawkins

Environmental Sciences	Irina Cechova Stanley M. Pier
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Epidemiology	Stephen W. Bennett* Beatrice Selwyn
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<u>Human Ecology</u>	
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*On leave during 1975-76 academic year

- (15) Revise the INTERNATIONAL HEALTH AND ETHNIC STUDIES Unit list of major research topics as follows:

Major Research Topics:

Development and Environmental Pollution
Health Economics
 Health Service Systems in Different Cultural Settings
Hypertension
 Migration, Stress, and Disease
 Transcultural Communication
 Trans-national Health Services Systems [~~Demonstration-Areas~~]
 Trans-national Health Planning [~~Systems~~]
 Water Resources Management

- (16) POPULATION STUDIES Unit.

The Problem: This field is concerned with interactions between population growth and community health, interpretation of population processes in relation to health, the physical, and biotic environments, [~~environment~~] and the social context in which these processes occur. Research efforts are directed at the evaluation of strategies which are intended to provide rational alternatives to unrestrained population growth. Specific studies include social demography, mathematical demography, [~~and~~] population biology, and community nutrition.

- (17) Revise the Staff Listing of the POPULATION STUDIES Unit as follows:

<u>Discipline</u>	<u>Population Studies Staff</u>
Administrative Sciences	[James-H.-Sterner]
Behavioral Sciences	Benjamin S. Bradshaw Robert E. Roberts*
[Biological-&Physical Sciences]	[Carl-G.-Hacker] [William-J.-Schull]
Biometry	Ralph [F.] Frankowski Eun Sul Lee
Environmental Sciences	[Frederick-Sargent,-II]
Epidemiology	Lewis Roht
<u>Human Ecology</u>	<u>Carl Hacker</u> <u>Jose Riumallo</u> <u>Frederick Sargent</u> <u>William J. Schull</u>

*On leave during 1975-76 academic year

- (18) Revise the POPULATION STUDIES Unit list of major research topics as follows:

Major Research Topics:

Community Nutrition
 Comparative Demography of Minority Groups
 Evaluation of Family Planning Services
 Health Effects of Pregnancy Termination
 Human Biological Variation
 International Comparative Demography
 Models of Population Dynamics
 Population Genetics

- (19) Revise the Staff Listing of the URBAN HEALTH Unit as follows:

<u>Discipline</u>	<u>Urban Health Staff</u>
Administration	<u>[Michael Gardin]</u> <u>[Virginia Kennedy]</u> <u>Marcus Key</u>
Behavioral Sciences	<u>Virginia Kennedy</u> <u>David W. Martin</u> <u>[Marjorie N. Rush]</u>
<u>[Biological & Physical Sciences]</u>	<u>[M. Lawrence Heideman]</u> <u>[Geoffrey B. Stanford]</u>
Biometry	Ronald Harrist Arthur S. Littell
Environmental Sciences	Richard Severs Michael Smolensky
Epidemiology	Reuel A. Stallones
<u>Human Ecology</u>	<u>Marjorie Rush</u> <u>Gene Schroder</u>

- (20) Revise the URBAN HEALTH Unit list of major research topics as follows:

Major Research Topics:

Air Pollution
Alcoholism
 Biological Rhythms
Cardiovascular Disease
Cerebrovascular Disease
Ecological Systems
 Health Services Systems
 Inner-city Problems and Services
 Management of Urban Environments
~~[Metropolitan Migration and Settlement Patterns]~~
Occupational Medicine
~~[Relationship between Urban Factors & the Health Status of Metropolitan Populations]~~
Urban Factors and Medicine
 Urban Design

- (21) DEGREE PROGRAMS

Master of Science Section, Paragraph 1, p. 28, revise the list of fields of concentration:

fields of concentration:

Biometry
Environmental Health
Epidemiology
Human [Medical] Ecology

- (22) Doctor of Philosophy Section, Paragraph 1, p. 29, revise the list of fields of concentration:

fields of concentration:

Behavioral Sciences
Biometry
Environmental Health
Epidemiology
Human [Medical] Ecology

- (23) OTHER SPECIAL PROGRAMS Section, pp. 31-32, add as follows:

The Community Nurse Practitioner Project is involved in developing, testing and applying a role model for the nurse working in the community. Major focus is upon the application of community development concepts by the nurse who works with the community to improve its health status. Emphasis is upon self-help with the nurse acting as a facilitator.

The Community Nurse Practitioner Project was initiated by contract from DHEW, Bureau of Health Resources Development, Division of Nursing.

- (24) THESIS OR PROJECT COMPLETION Section, Paragraphs 3-4, p. 32, revised as follows:

Students intending to graduate in June should inform the Office of Student Records by May 10 [9] about the form in which they wish their names to appear on their diplomas. Students planning to graduate at other dates should inform the Office of Student Records about the preparation of their diplomas at the time their theses or project reports are filed.

~~[Faculty advisors for those students who will graduate in June should notify the Office of Student Records of this in addition to the correct titles of student's reports by May 9.]~~

- (25) LIBRARY FACILITIES Section, Paragraph 1, p. 33, revised as follows:

The University of Texas School of Public Health Library maintains a current collection of materials relevant to public health. The collection is composed of over 11,000 [7,000] bound volumes (books/journals) and an estimated 2,000 [1,000] pamphlets. Additional materials are obtained in various media, such as conferences on audio-cassettes and the U.S. census on microfiche.

- (26) ADMISSION PROCEDURES Section, Paragraph 4, p. 34, revised as follows:

Scores obtained on the aptitude test of the Graduate Record Examination [Examinations]. This test is given six times a year at The University of Texas at Austin and some 500 other centers around the country. Further information may be obtained by writing to the Testing Center, The University of Texas, Austin, Texas, or from the Office of Student Records of this School. Generally a combined score of at least 1,000 is required for admission.

(27) TUITION AND FEES Section, p. 35, revised as follows:

In general, residence in Texas for a person over eighteen years of age is established if he has been employed within the State for a period of at least twelve months prior to registration in The University. Residence within the State primarily for the purpose of education does not entitle the student to reclassification. A student who is employed half-time or more by The University on or before the 8th class day of a quarter may pay tuition at resident rates. A student also qualifies for resident tuition rates when his/her spouse is employed by a State institution of higher learning or when he/she marries a legal resident of the State. The statute defining Texas residence includes a number of specific exemptions and should be consulted as needed.

LATE REGISTRATION FEE: A late registration fee (\$5) will be assessed on the first day of instruction [~~if registration is filed seven days or more after the first day of instruction~~].

All of the fees listed are subject to change by action of the Legislature [~~Legislature~~] or the Board of Regents without notice.

REFUND OF TUITION FEES: Any student withdrawing officially from The University of Texas Health Science Center School of Public Health shall receive full refund of fees if he withdraws during the first ten days of class. No refunds will be made after the tenth class day.

ENROLLMENT OF GRADUATE STUDENTS FROM AFFILIATED INSTITUTIONS: Through reciprocal agreements, students at other components of The University of Texas System, as well as graduate students from Rice University, Baylor College of Medicine, and the University of Houston, may take courses for credit at the School of Public Health, and graduate students in our school may take courses for credit at any of the above institutions. No tuition or registration fee is charged by these schools for attendance by our students. Students from these schools may in turn take courses at the School of Public Health with charges for tuition or registration being made by the parent institution.

(28) COURSES OF INSTRUCTION, pp. 37-54, revise as follows:

Delete PH 111 Public Administration and Public Health.

Add as follows:

PH 111 Administration and Public Health I
The Faculty in Administrative Sciences

The administrative process involves: (1) the detection and definition of operating problems in organizations, (2) the development of programs as solutions to those problems, (3) the estimation of the resources required for such programs, and (4) the development of procedures for activating programs. In this the first of a two course sequence, students will learn how to detect and define a variety of operating problems and develop programs aimed at the solutions of those problems.

Delete PH 112 Management Methods

Add as follows:

PH 112 Administration and Public Health II
The Faculty in Administrative Sciences

Study of the administrative process is concluded as students learn how to estimate the resources required for programs developed in PH 111 and to develop procedures for activating those programs.

Prerequisite: PH 111

Delete PH 113 Executive Functions

Revise PH 114 Research in the Administration Process as follows:

PH 114 Research in the Administration Process

The Faculty in Administrative Sciences [Faculty]

Prerequisites: PH 111 and PH 112

Revise PH 115 Program and Policy Planning as follows:

PH 115 Program and Policy Planning

Grimes, Loe, Skrovan [~~and Gardin~~]

Prerequisite: PH 111

Revise PH 116 Program and Policy Planning as follows:

PH 116 Program and Policy Planning

Grimes, Loe, Skrovan [~~and Gardin~~]

Prerequisite: PH 115

Delete PH 117 Agency Management

Delete PH 118 Public Health and the Legislative Process

Delete PH 119 Legal Aspects of Public Health

Revise PH 152 Environmental Health/Occupational Health as follows:

Prerequisite: PH 151

Delete PH 161 Power Structures and Community Health

Revise PH 180 Introduction to Health Services as follows:

PH 180 Introduction to Health Services

The Faculty in Health Services [~~Administration-Faculty~~]

Add as follows:

PH 181 Case Studies in Community Health Practice

The Faculty in Health Services

A case method approach to community health practice. Cases are used to involve the student in real life situations as a means of developing insights into current issues in community health programs and the knowledge and skills necessary to deal with these issues.

PH 188 Special Topics in Administration

The Faculty in Administrative Sciences

Topics will vary from quarter to quarter.

Revise PH 198 Special Topics in Community Health as follows:

PH 198 Special Topics in Community Health

The Faculty in [~~Administrative-Sciences-and~~] Health Services

Delete PH 211 Biometry

Add as follows:

PH 211 Introduction to Biometry I

The Faculty in Biometry

This course is designed for the student with little or no previous coursework in mathematics or statistics. Topics include study design, data description, elements of probability,

introduction to the distribution of random variables, applications of the binomial and normal distributions and statistical inference. Additional topics may include elementary computer applications, data management and processing, and life table techniques. Applications are selected from module research programs.

Delete PH 212 Biometry

Add as follows:

PH 212 Introduction to Biometry II
The Faculty in Biometry

This course is a continuation of PH 211. Topics include the description and application of common statistical methods to problems in public health. Topics include hypothesis testing, construction of confidence intervals, measures of association, regression analysis, and the analysis of variance. Additional topics may include use of computer-assisted statistical analysis programs, distribution-free statistical methods, and the statistical analyses of demographic data. Applications are selected from module research programs. Prerequisites: PH 211 or consent of instructor

PH 215 Introduction to Demography
Bradshaw, Lee

This course is designed for the student whose future work will require the acquisition and analysis of data from vital statistics systems. Introduction to basic concepts, substantive research, and research techniques in the field of population studies. Topics include demographic data sources; collection and processing of demographic data; measures of demographic processes, such as births, deaths, and migration; analysis of determinants and consequences of population changes, and an examination of U.S. and international population patterns and trends.

Prerequisites: PH 211 or consent of instructor

PH 216 Demographic Analysis
Bradshaw, Lee

This course is a continuation of PH 215. The course emphasizes analytic techniques in demographic research with special reference to current population problems and policy issues. Topics include fertility measurement systems, life table analysis of stationary and stable populations, population estimates and projections, and methods of estimation for areas lacking well-developed statistical reporting systems.

Prerequisites: PH 212, PH 215 or consent of instructor

Delete PH 220 Survey Sampling

Add as follows:

PH 220 Mathematical Methods in Public Health I
Harrist

This course is designed for students whose future work requires the application of intermediate mathematical methods. It is also advised for students who wish to pursue the study of intermediate or advanced work in biometric methods. Topics include review of elementary mathematic analysis, sets, functions, limits of functions and introduction to differential calculus with applications to public health.

Prerequisite: Consent of instructor

PH 221 Mathematical Methods in Public Health II
Harrist

This course is a continuation of PH 220. Continued study of applications of differential calculus, introduction to methods of integral calculus, elementary differential equations and their applications, introduction to methods of linear algebra and matrix theory. Special emphasis on application of mathematical methods to the study of epidemics and modeling of biological systems.

Prerequisite: PH 220

Delete PH 225 Distribution-Free Methods

Add as follows:

PH 225 Intermediate Biometric Methods I
Littell

This course is designed for students whose future work will require extensive data analysis in research problems of public health and the biological sciences. Topics include measurement problems, sampling distributions, comparison of samples, non-parametric methods, regression and correlation theory, and applications. Computer applications are included. Illustrations and applications are selected from module research programs.

Prerequisites: PH 212 and consent of instructor

PH 226 Intermediate Biometric Methods II
Littell

This course is a continuation of PH 225. Topics include one and two way classifications for attributes and measurements, analysis of discrete data and introduction to factorial experiments. Computer applications are included. Illustrations and applications are selected from module research programs.

Prerequisites: PH 225 or consent of instructor

PH 227 Intermediate Biometric Methods III
Littell

This course is a continuation of PH 226. Topics include multiple regression, analysis of covariance, curvilinear regression, and analysis of unbalanced designs. Additional topics may include computer processing of large-scale data files and applications of computer based statistical algorithms.

Prerequisites: PH 226 or consent of instructor

Delete PH 230 Bioassay

Add as follows:

PH 230 Operations Research, A Decision Making Process
Forthofer

A general introductory course to operations research with examples relating to health services when possible. The topics to be covered are allocation problems, inventory problems, queuing theory, PERT, and critical path, and simulation techniques. Basic methods of OR (linear programming and dynamic programming) will be introduced. The emphasis of the course will be on the formulation of problems and the OR way of approaching a problem.

Prerequisites: PH 212 or consent of instructor

PH 235 Sampling Techniques for Health Surveys
Lee

Introduction to the principles and practices of designing and analyzing sample surveys. Topics include simple random, systematic, stratified, cluster and multistage designs. Emphasis on methods of estimation and techniques for the computation of sampling error. Specific types of health surveys will be used to illustrate methods.

Prerequisites: PH 226 or consent of instructor

PH 240 Distribution-Free Statistical Methods

Hsi

Introduction to the theory and applications of distribution-free and non-parametric statistical methods. Topics include properties of distribution functions, K-S tests, runs tests, rank sum tests, non-parametric analysis of variance, rank correlation, contingency table analysis and distribution-free confidence intervals. Applications selected from module research programs.

Prerequisites: PH 226 or consent of the instructor

Delete PH 241 Demography

Delete PH 242 Demography

Delete PH 245 Operations Research, A Decision Making Process

Add as follows:

PH 245 Bioassay

Hsi

Statistical inference and experimental design for Poisson variables in counting of microorganisms or radioactivity. Topics include mixed Poisson distributions, serial dilutions, direct and indirect assays, quantal assays, and tests on response time. Examples and data analysis are based on the experience of public health laboratories.

Prerequisites: PH 227 or consent of the instructor

Delete PH 251 Biometric Methods I

Add as follows:

PH 251 Statistical Theory of Biometry I

Frankowski

A course designed primarily for students specializing in biometry. Topics include probability theory, theory of discrete and continuous probability distributions, mathematical expectation, moments of special distributions, moment generating functions, limiting distributions. Application of theory to selected research problems in public health and the biomedical sciences. Prerequisite: A working knowledge of differential and integral calculus.

Delete PH 252 Biometric Methods II

Add as follows:

PH 252 Statistical Theory of Biometry II

Frankowski

A continuation of PH 251. Topics include distributions of function of random variables, sampling distributions, elements of decision theory, estimation, theory and applications of hypothesis testing, introduction to regression and correlation theory. Applications to selected problems in public health and the biomedical sciences.

Prerequisites: PH 251 or consent of instructor

Delete PH 253 Biometric Methods III

Add as follows:

PH 253 Statistical Theory of Biometry III
Frankowski

A continuation of PH 252. Topics include experimental design, formulation of linear models, applied regression analysis, the analysis of variance and the analysis of covariance. Computer-based applications of statistical theory and methods. Applications to selected problems in public health and the biomedical sciences.

Prerequisite: PH 252

Delete PH 261 Linear Models I

Add as follows:

PH 261 Linear Models I
Forthofer

A course primarily designed for students specializing in Biometry. Topics include mathematical and statistical properties of matrices and quadratic forms, the multivariate normal distribution, classification of linear models, the general linear hypothesis, polynomial models, and computing techniques.

Prerequisites: PH 253 or consent of instructor

Delete PH 262 Linear Models II

Add as follows:

PH 262 Linear Models II
Forthofer

This course is a continuation of PH 261. Topics include regression models, analysis of variance models, unbalanced designs, incomplete block models, variance components and mixed models, and computing techniques. Applications selected from module research programs.

Prerequisite: PH 261

PH 263 Analysis of Categorical Data by Linear Models
Forthofer

A course primarily designed for students specializing in Biometry. Topics include, review of Matrix theory, contingency table analysis, chi-square, minimum-modified chi-square, and maximum likelihood test statistics, formulation of hypothesis for complex and incomplete contingency tables and computing techniques. Additional topics may include supplemented margin analysis, complex sampling, misclassification and minimum discrimination information statistics.

Prerequisites: PH 253 or consent of instructor

Revise PH 265 Quantitative Methods in Health Services as follows:

PH 265 Quantitative Methods in Health Services
Glasser [~~Forthofer~~]

Prerequisites: PH 253 or consent of instructor

Revise PH 271 Multivariate Analysis I as follows:

PH 271 Multivariate Analysis I
[~~Frankowski~~;] Downs

A course primarily designed for students specializing in Biometry. This course is an introduction [~~Introduction~~] to the theory and applications of multivariate [~~statistical~~] analysis

emphasizing geometric development of the subject matter [~~in the fields of biology and public health~~]. Topics include the use of the multivariate normal distribution as a model for data analysis; estimation and sampling distribution of parameters of the multivariate normal distribution; distributions and uses of sample correlation coefficient, the generalized T^2 -statistic and classification of observations. Applications are selected from public health and the biomedical sciences.
Prerequisites: PH 253 or consent of instructor

Revise PH 272 Multivariate Analysis II as follows:
 PH 272 Multivariate Analysis II
 [~~Frankowski,~~] Downs

This course is a [A] continuation of PH 271. Topics include Wishart distribution, generalization of univariate statistical procedures, discrimination and classification, computation and applications. Applications selected from public health and the biomedical sciences.
Prerequisite: PH 271

Revise PH 273 Multivariate Analysis III as follows:
 PH 273 Multivariate Analysis III
 [~~Frankowski,~~] Downs

The course is a [A] continuation of PH 272. Topics include computer applications, multivariate analysis of variance, principal component analysis, and canonical correlation theory. Applications selected from public health and the biomedical sciences.
Prerequisite: PH 272

Revise PH 275 Stochastic Life Table Theory as follows:
 PH 275 Stochastic Life Table Theory
 Hardy [~~Frankowski]~~

An introduction to the development of life table analysis as an application of stochastic processes. Theory and application of complete and abridged life tables, competing risk models, and analytical procedures for medical follow-up studies. Applications selected from public health and the biomedical sciences.
Prerequisites: PH 253 or consent of instructor

Delete PH 281 Analysis of Variance and Factorial Experiments I

Delete PH 282 Analysis of Variance and Factorial Experiments II

Revise PH 298 Special Topics in Biometry as follows:
 PH 298 Special Topics in Biometry
 The Faculty in Biometry

Selected topics [~~Topics will vary from quarter to quarter~~] to provide intensive study of biometric [~~selected~~] theory and applications [~~methods~~]. Topics vary from quarter to quarter. Previous topics have included statistical methods for clinical trials, sequential analysis, analysis of categorical data, stochastic processes, time series analysis, and advanced statistical theory. May be repeated for credit.

Revise PH 299 Individual Study in Biometry as follows:
 PH 299 Individual Study in Biometry
 The Faculty in Biometry

A plan of study determined by the student and supervised by a member of the biometry faculty. As a general guide courses of individual study are not recommended unless a student has

completed the appropriate introductory courses in biometry or presents evidence of experience in the field of biometry. May be repeated for credit.

Revise PH 311 Introduction to Epidemiology as follows:
 PH 311 Introduction to Epidemiology
 The Faculty in Epidemiology

The course consists of lectures [Lectures], discussion and laboratory to familiarize students with epidemiologic methods as applied within the context of the respective modules. The course will provide, in all modules, [Provides] a common frame of reference regarding epidemiologic concepts and methods, leading to further course work for those who elect further study of epidemiology.

Delete PH 312 Applied Epidemiology

Add as follows:
PH 312 Epidemiologic Methods
The Faculty in Epidemiology

This course is concerned with the methods used in epidemiologic research. Selected research papers will be discussed to illustrate the problems and major issues related to epidemiologic research. A group of exercises illustrating topics to be discussed will be assigned. Students will prepare a prospectus for a research study in an area of his/her interest.
Prerequisites: PH 311 or its equivalent or consent of instructor

Delete PH 313 Current Issues in Epidemiology

Add as follows:
PH 313 Study Design
The Faculty in Epidemiology

This course is concerned with study design in epidemiologic research. Students will design a complete protocol for a research study in an area of interest. Students will work in groups consisting of 1-3 members depending upon the subject matter and interest of students. Each group will be supervised by a member of the faculty. Protocols will be presented to and discussed by the faculty and course members.
Prerequisites: PH 311, PH 312, PH 211 or consent of instructor

Revise PH 350 The Biology of Population as follows:
 PH 350 The Biology of Population
 Hacker

The structure and dynamics of populations will be considered. ~~[Emphasis will be on vector and reservoir host populations of human disease agents.]~~ Analysis of the distribution of organisms, estimation of population size, growth of populations, life table construction and analysis, competition and host-parasite models, and elementary population genetics will be covered.

Add as follows:
PH 351 The Biology of Communities
Schroder, Hacker

The biotic and abiotic factors affecting the composition of natural communities will be considered. The classification of communities, community succession, energy flow and nutrient cycling, species interactions, and diversity and stability will be covered. The role of human intervention in natural ecosystems will be emphasized.

Revise PH 360 Human Nutrition as follows:

PH 360 Human Nutrition

Sargent

Prerequisite: Consent of instructor

Revise PH 365 Topics in Human Ecology as follows:

PH 365 Topics in Human Ecology

Sargent

Prerequisites: PH 100 and consent of instructor

Add as follows:

PH 370 Community Nutrition Intervention

Sargent

This course will examine methods of identifying nutritional problems in communities and the strategies for working toward their solution. Topics to be considered include surveillance of community nutrition, nutrition education, the role of regulatory agencies, government food programs, evaluation of nutrition programs, nutrition planning and nutrition policy.

Prerequisites: PH 360 and PH 365

PH 388 Special Topics in Population Studies

The Faculty in Population Studies

Topics will vary from quarter to quarter.

Revise PH 389 Individual Studies in Population as follows:

PH 389 Individual Studies in Population Studies

Revise PH 412 Environmental Health as follows:

PH 412 Environmental Health

The Faculty in Environmental Health

Prerequisite: PH 411 or consent of instructor

Add as follows:

PH 413 Principles of Environmental Health

The Faculty in Environmental Health

Field, laboratory, legislative, legal, and social techniques related to management of the human environment.

Prerequisites: PH 411 and PH 412

Revise PH 501 Natural History of Disease as follows:

PH 501 Natural History of Disease

The Faculty in Disease Control

Prerequisite: Consent of instructor

Add as follows:

PH 502 Natural History of Disease

The Faculty in Disease Control

Continuation of PH 501. Prevention and control of diseases. The political and socio-economic aspects of disease control. Health organizations. Management of disease control programs. Evaluation of disease control programs.

Revise PH 511 Public Health Microbiology as follows:

PH 511 Public Health Microbiology

The Faculty in Disease Control

Prerequisite: Prior course work or experience in bacteriology

Revise PH 513 Infectious Diseases in Community Health as follows:

PH 513 Infectious Diseases in Community Health

The Faculty in Disease Control

Prerequisite: Consent of instructor

Delete PH 531 Medical Entomology

Delete PH 532 Medical Entomology

Add as follows:

PH 532 The Ecology and Control of Arthropod-Borne Diseases
Scanlon, Hacker

The major arthropod-borne diseases will be discussed. The natural cycle for each will be explored, with particular emphasis on the ecological relationships of vectors, hosts and pathogens, and the relationships of these with the physical and biotic environment. Control measures will be emphasized. Laboratory for familiarization with the major arthropod groups of medical importance.

Revise PH 570 Human Parasitology as follows:

PH 570 The Ecology and Control of Parasitic Diseases [Human Parasitology]
Scanlon, Hacker

Introduction to the parasites of man, with emphasis on the ecological aspects of their transmission.

Add as follows:

PH 598 Special Topics in Disease Control
The Faculty in Disease Control

Topics will vary from quarter to quarter.

PH 599 Individual Study in Disease Control
The Faculty in Disease Control

May be repeated for credit.

Delete PH 612 Case Studies of Development of Health Services in Selected Countries

Add as follows:

PH 612 Health and Development
The Faculty in International Health

Health and Development will cover water resource problems, environment, economics, zoonoses, policy, etc. Approach of the course will be to examine the "trade-offs," or positive and negative aspects, between health and development.

PH 613 Case Studies
The Faculty in International Health

Studies of selected countries in various stages of development and their health systems and services. Their stage of development, the constraints related to the socio-political, socio-economic, and socio-cultural aspects of public health are considered. The use of data and statistics and the development of information systems and sub-systems as a management tool in the decisional processes are included.

Revise PH 710 Communication for Public Health Workers as follows:

PH 710 Communication for Public Health Workers
Justice

Theories and techniques [~~Techniques-for-discrimination~~] of [~~effective-responses-in~~] communication on social and psychological levels. Behavioral principles governing communication problems. Exercises [~~and-exercises~~] in effective communication under

problem conditions [-] and techniques for discrimination of effective responses in communication. [Exploration-of-psychosocial-factors-that-influence-communication,-particularly-with-members-of-low-income-communities.---Also,-techniques-in-clear-writing-and-discussion-of-mass-media.]

Prerequisite: Consent of instructor

Revise PH 711 Social and Behavioral Aspects of Community Health as follows:

PH 711 Social and Behavioral Aspects of Community Health
The Faculty in Behavioral Sciences [Science]

Prerequisite: Consent of instructor

Add as follows:

PH 715 Introduction to Community Mental Health Justice

Theories, practice and legislation pertaining to the nature and functions of community mental health programs and facilities; prevalence of problems, intervention strategies, manpower and evaluation issues. Speakers from local and state agencies and programs will make presentations.

Prerequisite: Consent of instructor

PH 716 Mental Health Work-Study Programs Justice

Work-study programs at community mental health facilities in Houston with work experience offered primarily in planning, evaluation, administration and direct services.

Prerequisite: PH 715

Delete PH 720 Economic Aspects of Personal Health Services

Add as follows:

PH 720 Economic Aspects of Personal Health Services The Faculty in Behavioral Sciences

Theory of microeconomic analysis and its empirical applications in the health services area. Efficiency and equity in terms of demand, supply, and productivity and the relationship between these topics and the problems of organization, delivery and financing to health services.

Prerequisite: PH 211 or equivalent

Revise PH 798 Special Topics in Behavioral Sciences, list of topics

[Community Power-Structure]

Revise PH 811 Health and Urban Ecology I as follows:

PH 811 Health and Urban Ecology I
Rush and Staff

Prerequisite: Consent of instructors

Revise PH 812 Health and Urban Ecology II as follows:

PH 812 Health and Urban Ecology II
Rush and Staff

Prerequisite: Consent of instructors

Revise PH 813 Health and Urban Ecology III as follows:

PH 813 Health and Urban Ecology III
Rush and Staff

Prerequisite: Consent of instructors

HOUSTON ALLIED HEALTH SCIENCES SCHOOL CATALOG: Approval is recommended for the following catalog for the Allied Health Sciences School for the academic year 1975-1976.

THE UNIVERSITY OF TEXAS
SCHOOL OF ALLIED HEALTH SCIENCES

M. Alton Hodges, B.S., M.Ed., Dr.P.H. Acting Dean
F. Katherine Pitre, R.T. (ARRT) Education Director
Program in Radiologic Technology Education
Gail Dial Administrative Assistant
and Registrar

Affiliated Hospitals
THE UNIVERSITY OF TEXAS M.D. ANDERSON
HOSPITAL & TUMOR INSTITUTE

Robert C. Hickey, B.S., M.D. Director
The University of Texas M.D. Anderson Hospital
& Tumor Institute

HERMANN HOSPITAL

Dan G. Kadrovach, B.S., M.S., F.A.C.H.A. Executive Director
of Hermann Hospital

School of Allied Health Sciences

Authorized by the Texas State Legislature in 1973, the School was formally activated in September of that year. Its initial charge is to plan and develop educational programs for the preparation of personnel to contribute to human health care as allies with medical, dental and other health professionals. The Program in Radiologic Technology Education is the first of several proposed programs to be implemented. Other allied health occupational education programs are in various stages of planning, with expected progressive implementation in the near future. Programs recently approved are: (1). Bachelor of Science in Community Nutrition Dietetics, (2). Bachelor of Science in Nuclear Medicine Technology, (3). Bachelor of Science in Respiratory Therapy, (4). Certificate in Respiratory Therapy Technology, (5). Certificate in Nurse Anesthesia, (6). Post-baccalaureate certificate in Biomedical Communications.

OBJECTIVES FOR THE SCHOOL OF
ALLIED HEALTH SCIENCES

The development of The University of Texas School of Allied Health Sciences at Houston is initiated with acknowledged commitment to:

1. excellence in the education of personnel for the allied health professions;
2. inter-disciplinary and inter-institutional education in the health sciences;
3. the functional realization of the health care team concept;
4. the desirability of minimizing barriers to vertical and horizontal education and occupational mobility in the health professions;

5. the need for continuation of learning and skill updating throughout the professional life of health professionals;
6. provision of quality education for qualified Texans to effectively contribute to human health care, as personnel allied with medicine and dentistry.

PROGRAM IN RADIOLOGIC TECHNOLOGY EDUCATION

A rewarding career in medicine and science awaits those who choose radiologic technology as a vocation. Radiology is a new science, one that has grown from the discovery of the x-ray to the complex science of today in only 80 years. This rapid growth created a great demand for trained men and women to fill positions as technologists.

The Hermann Hospital School of Radiologic Technology developed in the late 1940's and was granted official approval by the Joint Review Committee on Education in Radiologic Technology of the American Medical Association in 1948. The University of Texas M. D. Anderson Hospital and Tumor Institute's School of Radiologic Technology was developed and approved in the mid-1950's. At the outset these programs were twelve month certificate programs. The curricular standards and clinical requirements increased over the years to today's concentrated twenty-four month program.

The separate Schools of Radiologic Technology continued until July 1972, when they were merged. In September 1973, the School of Allied Health Sciences assumed the responsibility of the Program in Radiologic Technology Education.

PROGRAM OBJECTIVES

To provide the health community with qualified Radiologic Technologists through:

1. a programmatic scheme that fully accesses the high volume and superior quality faculty and facility resources available in the Houston environment;
2. a thorough knowledge of ionizing radiation and its effects on the environment;
3. a curriculum that functionally blends clinical and didactic learning experiences;
4. competency maintenance through continued education.

Facilities

The facilities of the Program in Radiologic Technology Education are located in the Prudential Building, sixteenth floor, and laboratories in the Speech and Hearing Institute.

The Hermann Hospital and the M.D. Anderson Hospital and Tumor Institute are the teaching hospitals of The University of Texas Program in Radiologic Technology Education at Houston.

The Hermann Hospital was founded in 1925 and has expanded since. This 623 bed metropolitan general hospital has a long standing record of distinction in teaching. It offers a broad range of standard inpatient services, as well as special units in coronary and intensive care and advanced diagnostic radiologic facilities.

Construction of a thirty-one million dollar addition to include 300 new beds was initiated in June 1972. When the renovation and new construction is completed the Hermann Hospital will have facilities to support up to 1,000 inpatients.

The M.D. Anderson Hospital and Tumor Institute is the main institution of The University of Texas System Cancer Center. This 300 bed categorical disease hospital is dedicated to the treatment of cancer and allied diseases. On its very active inpatient and outpatient services an extraordinary number of patients with malignant disease are examined and treated. The institute houses major research programs. These laboratories are devoted to the investigation of all phases of the biology of cancer.

Currently the M.D. Anderson hospital is undergoing an extensive building program which will add significantly to research capabilities and double its inpatient and outpatient capacities.

Instructional Resources

In addition to the facilities described above, several valuable instructional resources are available to students in the Texas Medical Center. A 52,000 volume library is in the M.D. Anderson Hospital and Tumor Institute.

A Medical School learning resources center located in the Freeman Building houses equipment and materials to support self-learning programs for students.

The 125,000 volume Texas Medical Center Library has made available its extraordinary resources to the students. It is a complete medical library offering a broad range of services, and makes approximately 8,000 additions to the titles annually.

ACADEMIC CALENDAR

Due to the clinical education experiences required for students of the School of Allied Health Sciences, the presence of certain individuals may be required on a scheduled holiday because of patient care and related activities.

SUMMER QUARTER 1975

June 9	Registration - classes begin
July 4	Holiday
August 27	Holiday
September 1	Holiday
September 12	Summer quarter ends

FALL QUARTER 1975

September 15	Registration - classes begin
November 27-	Thanksgiving recess
November 30	
December 12	Fall Quarter Ends

WINTER QUARTER 1976

January 5	Registration - classes begin
March 19	Winter Quarter ends

SPRING QUARTER 1976

March 29	Registration - classes begin
April 16	Holiday

May 31
June 11

Holiday
Spring Quarter ends

GENERAL INFORMATION

Estimate of Annual Costs -

- A. Tuition: \$ 33.00 per quarter for resident students (\$132 per year)
\$320.00 per quarter for nonresident students (\$1280 per year)
\$133.00 per quarter for alien students (\$532 per year)
- B. Student Service Fee: \$7.00 per student per quarter or \$21.00 per academic year (3 quarters) or \$28 per calendar year. Required of all students. Health Insurance Premium - all students are required to carry health insurance, either that offered through the Student Health Program or its equivalent. The annual premium for the Health Science Center sponsored policy is \$70.00 per calendar year, payable either in full on registration or quarterly.
- C. Books: approximately \$175.00 for the two year period.
- D. Uniforms: approximately \$150.00 for the two year period.
- E. Professional Liability Insurance per year: \$15.00.
- F. Transcripts: there is no charge for the first copy, each additional copy is \$1.00 (Note: No grades or transcript will be released for students having financial delinquencies at The University).
- G. Graduation fee: \$20.00 for second-year students at registration for the final academic quarter.

Payment of Fees - all fees are payable at the time of registration and a student is not registered until all of his fees are paid in full. Payment may be made by check, cash or money order, payable to The University of Texas. Checks are accepted subject to collection.

Note: Tuition and student fees may be changed without notice by the acts of the Texas State Legislature or The University of Texas System Board of Regents.

Refund of Tuition and Fees - A student who officially withdraws from school is entitled to a refund of tuition according to the schedule below.

	Refunds
During the first week of class	70%
During the second week of class	60%
During the third and fourth weeks of class	40%
No refunds thereafter	

In no case shall the total refund exceed 70% of the tuition and fees. No refund will be made until the expiration of 15 days after the beginning of classes. A check covering all refunds due will be mailed to the address left with the Business Office. No refund will be granted unless applied for within one year after official withdrawal.

Information and Description of Fees

Books - Books may be purchased from any of the local medical book stores.

Graduation Fee - A fee of \$20.00 must be paid at the time the applicant files for graduation (last Quarter registration before graduation). No refunds will be made after the final date for application for graduation.

Student Financial Aid

Federally insured student long-term loans are available to the students of The University of Texas Health Science Center at Houston (payment begins after a student ceases to carry a full time course work load). Students may obtain this loan directly from a bank or other commercial lender of the State of Texas.

Maximum loan - \$7,500.00 which may be obtained from a bank or other commercial lender at a rate of \$2,000.00 per academic year. The interest rate is 7% from the date of advance from the bank or other commercial lender. For students who qualify for the federal interest benefit, the federal government will pay all the interest on the loan under either program while the student is enrolled at least half-time. Repayment begins not earlier than nine (9) months nor later than twelve (12) months after the student ceases to be enrolled on at least a half-time basis at an eligible school.

Application may be obtained from the lender or from the Office of Financial Aid. The federally insured student loans are awarded on the basis of need. The interest is subsidized or paid by the government while the student continues to be at least one-half time student.

From time to time, other forms of student financial assistance may be available. Current information may be obtained from the Registrar, Ms. Gail Dial.

ACADEMIC AFFAIRS INFORMATION

Admission and Registration Information

Registrar
Room 1605, Prudential Building
P. O. Box 20036
Houston, Texas 77025
(713) 792-4468

Academic Plan - the academic plan is prepared by the Program Director and approved by the Chairman of the Advisory Committee on Radiologic Technology Education, the Dean and the appropriate accreditation/approval groups.

1. Admissions Requirements

All applicants are selected on the basis of potential ability for success in the Radiologic Technology Education Program and the profession of Radiology Technology without regard to sex, race, religion or national origin.

Applicants should be graduated from an accredited high school. Courses in Physics, Chemistry, Biology, Geometry, and Algebra in high school or college are recommended.

Applicants who did not graduate from an accredited high school may apply for admission after successful completion of a General Educational Development Test (GED). Results of the GED shall be furnished at the time of application and shall remain the property of the Program.

Persons under 18 years of age shall not be occupationally exposed to radiation. This is a state and federal law. Applicants must be 18 years of age prior to Program entrance.

Applicants may be required to take a general aptitude test as part of the admission procedure.

2. How to Apply for Admission

Each applicant is responsible for providing the following information and materials.

- a. Transcripts of high school and (where existing) college credits.
- b. Two (2) letters of character reference written by persons who have known the applicant for at least five years.
- c. Two (2) letters of academic/occupation reference from previous professors, instructors, or employers.
- d. Personal medical history.
- e. Current medical physical to include laboratory and radiology reports.
- f. Completed application form.
- g. 2" X 2" photograph taken in the prece six months.
- h. All above information must be received by Registrar by April 15 in order to be considered for entrance into the Program.

All application materials will be retained in the perspective student's permanent file.

Students are accepted into the program at the beginning of the summer quarter of each year.

Forms for all records may be obtained from the Registrar.

3. Admissions Committee

The Admissions Committee will meet on the last Friday of each month to review only the completed records of the applicants. The applicants will be notified as soon as possible the results of the Committee report.

Applicants, selected by the Admissions Committee, may be requested to appear for a personal interview.

Any applicant accepted into the Program must sign and return a statement of intent to accept appointment to the Program within ten (10) days after notification of acceptance.

No applicant will be considered for admission after April 30th of each year.

4. Admission By Transfer

The applicant for admission by transfer must be eligible to reenroll in all college or hospital programs attended and must meet the minimum academic standards required of students at The University of Texas. Only courses directly applicable to the Program in Radiologic Technology Education will be considered for possible transfer. If the applicant is enrolled in a hospital training program it is strongly suggested that he/she complete the first year of training before applying for transfer to the Program. In no case is the applicant's registration complete until all official transcripts of all credit work have been submitted and are on file.

Grades of D will not be accepted in transfer from other Programs. If the student does not present an overall C average on the courses accepted in the transfer, he must make up the grade point deficiency of work attempted at The University of Texas.

5. Falsification of Records

Students who knowingly falsify or are a party to the falsifying of any of-

ficial university record (including such records as Transcripts, Application for Admission, etc.) will be subject to disciplinary action which may include suspension from The University.

6. Course Changes and Drops

The curriculum for the 24-month program is preset. Courses may not be dropped by a student. An instructor may drop a student any time during the semester for excessive absences and/or for consistently failing to meet class assignments. The grade F is automatically assigned.

7. Withdrawals

Any student who does not intend to continue in the program of The University of Texas Health Science Center at Houston should officially withdraw, rather than simply stop attending classes, since this latter action results in unnecessary transcript entries of failing grades. A student who decides to withdraw from The University will report to the Office of the Registrar. Following an exit interview, the student will be issued a withdrawal form. He will secure clearance from the various offices noted on that form and will deposit the form with the Registrar's Office again.

8. Forced Withdrawal from The University

A student who fails to comply with the stated regulations may be required to withdraw from The University. This action will be posted to the permanent record and a statement retained in the academic file.

9. Grading System and Grade Reports

All grades are reported by letter without modification of plus (+) or minus (-). Letter grades have the following significance: A indicates excellent work; B indicates good work; C indicates fair work; D indicates passing work; F indicates failing work. WP indicates that the student has withdrawn or officially dropped from the Program while making a passing grade. WF indicates that a student has withdrawn or dropped officially from the Program while making a failing grade.

10. Repeating a Course

Courses in which a grade of A, B or C has been earned may not be repeated for credit. A student may repeat any course at The University of Texas Health Science Center at Houston in which he has earned a grade of D or F. The grade earned in the repeated course is used to assess students' fulfillment of the academic plan, though all enrollments will be shown on a student's permanent record. Any courses taken originally and passed with a grade of D or better at The University of Texas Health Science Center at Houston, then retaken at another institution will not be accepted for credit toward Certificate or Degree requirements.

11. Grade Reports

Grades are mailed from the Office of the Registrar directly to all students as soon as possible after the close of each quarter.

12. Change in Address

The student must report any changes in marital status, name, or address to the Office of the Registrar.

13. Academic Standards

Grade Point Averages are computed based on: A=4, B=3, C=2, D=1, F=0.
 Grades between zero (0) and seventy-four (74)=F.
 Grades between seventy-five (75) and seventy-nine (79)=D.
 Grades between eighty (80) and eighty-six (86)=C.
 Grades between eighty-seven (87) and ninety-three (93)=B.
 Grades between ninety-four (94) and one hundred (100)=A.
 Grade Point Averages will be computed at the end of each quarter.

Ad hoc Academic Review Committees may be appointed by the Dean to adjudicate any appeal made to the Dean by any student or faculty member concerning academic standards, course content, grading, alleged dishonesty in class-work, etc.

14. Probation, Suspension and Dismissal

Probation is a defined period of time to allow the student to ascertain fitness for the program. The student will continue all phases of his/her training during probation. Suspension is a definite period of time that a student is temporarily removed from a segment of his/her training. All time lost while on suspension will be made up before the student may graduate. Dismissal occurs when a student's name is removed from the active list. Any student who is dismissed must allow one (1) academic quarter to lapse before applying for readmission.

Probation, suspension or dismissal may be invoked on recommendation by an appropriate review board appointed by the Dean for academic, ethical, moral or other reasons deemed compromising to the individual, student body as a whole, the School, the clinical affiliates or patient welfare.

15. Scholastic Probation

If at the end of any quarter, a student's grade point average for the total number of hours attempted falls below 2.0, he will be placed on scholastic probation for the following quarter. So long as a student's grade point average falls within the range of 2.0 to 4.0, he will not be placed on scholastic probation.

16. Removal from Scholastic Probation

A student who is on scholastic probation will be removed from such probation at the conclusion of the academic quarter following the assignment of probationary status if he has achieved a grade point average of 2.0 or better. Attendance at another institution will not remove a student from scholastic probation.

17. Suspension for Failure to Remove Scholastic Probation

If at the end of any two (2) consecutive quarters a student's grade point average for the total number of hours attempted falls below the minimum, he will be suspended from The University. Suspension or dismissal will be posted to the student's academic record and will remain as a permanent entry. A student who is dropped for academic deficiency may not reenroll until the specified suspension period has passed. (See Section 14.) Should the student be admitted to another institution while on suspension, he must meet The University of Texas Health Science Center at Houston's minimum academic requirements if he applies for readmission. Work completed in another institu-

tion will not decrease the suspension period nor remove the student scholastic probation at The University of Texas Health Science Center at Houston.

Evaluation Procedures and Policies

The evaluation of student performance is not considered to be an adversary process. Rather, the purpose is to provide:

1. the faculty with information on how well the institutional educational goals are being achieved.
2. both faculty and student with a basis for helping the student to achieve his maximum potential.
3. the Program with the means by which it certifies to the governing bodies that each student has achieved a level of competency sufficient to justify the certification of graduation.

It is a basic assumption that each student admitted to the School of Allied Health Sciences is intellectually capable of completing the course of instruction. It is also a basic assumption that, in the absence of serious emotional, physical, or motivational problems, each student will do so. It is the joint responsibility of both students and faculty to insure this outcome, so long as it is consistent with the maintenance of academic and professional standards.

COURSE OUTLINE

The curriculum in radiologic technology education of this School meets and exceeds the standards set by the Joint Review Committee on Radiologic Technology Education, in collaboration with the Council on Medical Education of the American Medical Association.

The educational program encompasses a period of two calendar years and consists of eight (8) instructional quarters, each of approximately eleven (11) weeks duration. Approximately two weeks of vacation time are provided each calendar year.

Upon satisfactory completion of this program the student is eligible to write the registry examination for certification as a registered radiologic technologist by the American Registry of Radiologic Technologists.

Courses are numbered according to the year in which it is intended that they be taken. 1000 courses are for First Year students; 2000 courses are for Second Year students. The second digit of the number indicates credit hours assigned to the course. The last two digits indicate sequence order for each course.

All courses must be taken in sequence.

	Credit Hours
First Year - Summer Quarter	
1201 Introduction to Radiologic Technology	2
1210 Technical Radiographic Procedures	2
1220 Radiographic Positioning and Skeletal Anatomy	2
1422 Radiographic Positioning Laboratory	4
1150 Practicum	1
First Year - Fall Quarter	
1202 Introduction to Radiologic Technology	2
1211 Technical Radiographic Procedures	2
1221 Radiographic Positioning and Skeletal Anatomy	2
1123 Radiographic Positioning Laboratory	1
1451 Practicum	4

	Credit Hours
First Year - Winter Quarter	
1212 Technical Radiographic Procedures	2
1230 Human Anatomy and Physiology	2
1240 Diagnostic Radiographic Procedures	2
1552 Practicum	5
First Year - Spring Quarter	
1213 Technical Radiographic Procedures	2
1231 Human Anatomy and Physiology	2
1241 Diagnostic Radiographic Procedures	2
1553 Practicum	5
Second Year - Summer Quarter	
2210 Technical Radiographic Procedures	2
2240 Diagnostic Radiographic Procedures	2
2260 Applied Radiographic Physics	2
2550 Practicum	5
Second Year - Fall Quarter	
2211 Technical Radiographic Procedures	2
2241 Diagnostic Radiographic Procedures	2
2261 Applied Radiographic Physics	2
2551 Practicum	5
Second Year - Winter Quarter	
2670 Seminar in Radiologic Technology	6
2552 Practicum	5
Second Year - Spring Quarter	
2680 Radiographic Management and Education	6
2553 Practicum	5

The practicum hours in this curriculum provide the student with the required hours for certification by the American Registry of Radiologic Technologists.

The clinical instructors schedule the students during holiday periods and non-duty hours including at least 80 hours of emergency call duty. The clinical instructors also teach one film critique session per week.

Brief Course Description

The course includes content that meets or exceeds the base requirements as outlined in the Curriculum and Teacher's Syllabus for Schools of Radiologic Technology.

The course content has been designed to first introduce the student to specific subject matter and, in a subsequent course, study that subject in more depth. The multiple presentation will provide a better understanding, retention, and utilization of the content.

1201. Introduction to Radiologic Technology
An introduction to the field of radiologic technology, radiation protection, professional ethics, patient care, and departmental administration.

1202. Introduction to Radiologic Technology
Continuation of 1201. An introduction to the composition and characteristics of radiographic film, and the formation of latent image. This includes manual and automatic processing techniques, H & D curve.
1210. Technical Radiographic Procedures
Introduction to fundamentals of x-ray production, electricity and physics, radiographic equipment and accessories and a discussion of radiographic film composition, intensifying screens.
1211. Technical Radiographic Procedures
Continuation of 1210. A study of prime exposure factors, and the technical factors of film quality. Standardization of exposure factors, and principles of body section radiography and bedside radiography. The operation of energized x-ray units will be demonstrated and utilized. Students perform experiments to emphasize how Kvp, Ma. time and distance affect film quality.
1212. Technical Radiographic Procedures
Continuation of 1211. An in depth study and demonstration of control of secondary radiation, radiographic tubes, exposure timing devices, and direct roentgen enlargement technique. Students will perform experiments on phantoms to demonstrate enlargement technique.
1213. Technical Radiographic Procedures
Continuation of 1212. A study of rapid serial film and cassette changers, body section radiography, mobile-bedside radiography, and basic electronic image detector.
1220. Radiographic Positioning and Skeletal Anatomy
A study of radiographic skeletal anatomy, radiographic positioning, and the terminology used to describe radiographic projections. Standard radiographic projections of the extremities, abdominal organs lumbar spine, pelvis, sacrum, and coccyx are discussed and demonstrated.
1221. Radiographic Positioning and Skeletal Anatomy
Continuation of 1220. A study of radiographic skeletal anatomy, radiographic positioning of standard radiographic projections of the cervical and thoracic spine, ribs, sternum, scapula, clavicle, skull, and fluoroscopy.
1422. Radiographic Positioning Lab
(326 Clock Hours)
Students exercise in positioning for standard radiographic projections studied in radiographic positioning and skeletal anatomy 1220, utilizing de-energized and energized laboratory facilities.
1123. Radiographic Positioning Lab
(112 Clock Hours)
Continuation of 1422. Students exercise in positioning for standard radiographic projections studied in radiographic positioning and skeletal anatomy 1221, utilizing de-energized and energized laboratory facilities.
1230. Human Anatomy and Physiology
A study of the cell structure and the digestive, respiratory, urinary, circulatory and reproductive systems of the body and their functions.

1231. Human Anatomy and Physiology
Continuation of 1230. A study of the nervous system and detailed function; the skeletal system articulations, skeletal muscle and endocrine systems and functions.
1240. Diagnostic Radiographic Procedures
Radiographic projections of the digestive, respiratory, genitourinary, and reproductive systems are discussed and demonstrated. Related nursing procedures are studied and demonstrated.
1241. Diagnostic Radiographic Procedures
Continuation of 1240, Radiographic projections of the most common special procedures, positioning and the anatomy are demonstrated and discussed.
1150. Practicum (80 Clock Hours)
Introduction to the clinical environment at one of the affiliated hospitals. Students are rotated through the different work centers to observe and assist the operation of the x-ray department.
1451. Practicum (264 Clock Hours)
This is a continuation of 1150. Students take standard radiographs under close supervision by a qualified radiologic technologist.
1552. Practicum (370 Clock Hours)
Continuation of 1451. Students take standard radiographs of the chest and extremities under close supervision, and standard radiographs of the spine, skull, sinuses, and abdomen under close supervision by a qualified radiologic technologist.
1553. Practicum (380 Clock Hours)
Continuation of 1552. Students take all standard radiographs under supervision. They assist qualified technologists in obtaining radiographs on trauma patients. (Clinical introduction to fluoroscopic examinations).
2210. Technical Radiographic Procedures
A mathematical review of algebra, geometry, trigonometry, and calculus. A discussion of design and function of x-ray tubes and image intensification.
2211. Technical Radiographic Procedures
Continuation of 2210. This course concentrates on radiographic equipment and design. Radiographic, fluoroscopic, tomographic, and radiographic equipment is discussed, including installation, care, maintenance and calibration.
2240. Diagnostic Radiographic Procedures
A study of medical and surgical diseases with special attention to their radiographic appearance. A discussion of pediatric radiography.
2241. Diagnostic Radiographic Procedures
A discussion of contrast media, the use and reactions. A discussion of planning, design and construction of radiological facilities; general principles of supervision and administration of radiology departments.
2260. Applied Radiographic Physics
A discussion of x-ray production, structure of matter, electricity, methods of rectifications and basic x-ray circuits.

2261. Applied Radiographic Physics
Continuation of 2260. A discussion of interactions of x-rays with matter, A study of radiation therapy principles, dose-rate measurements, and radiation units; nuclear structure, radioactive decay, biological applications of radioisotope radiation detection and measurements with emphasis on radiation protection.
2550. Practicum (373 Clock Hours)
Continuation of 1553. Fluoroscopic examinations, special radiographic procedures, and special radiographic techniques. Students perform emergency call duty under the supervision of a qualified radiologic technologist.
2551. Practicum (380 Clock Hours)
Continuation of 2550. Students continue to perform all standard radiographs, fluoroscopic examinations, special radiographic procedures, and special radiographic techniques under supervision.
2552. Practicum (377 Clock Hours)
Continuation of 2551. Students will assist qualified technologists with special procedures, special radiographic techniques, and emergency call and perform all standard radiographs with limited supervision.
2553. Practicum (342 Clock Hours)
Continuation of 2552. Students will perform all standard radiographs with limited supervision; assist the radiologist with fluoroscopic examinations; perform emergency call duty. The students will be introduced to radiation therapy and radioisotope techniques.
2670. Seminar in Radiologic Technology
A discussion and review of technical radiographic procedures, radiographic positioning, human anatomy and physiology, diagnostic radiographic procedures, and applied radiographic physics. Students are given multiple examinations on these subjects with a critique following each examination.
2680. Radiographic Management and Education
A study of the psychology of human relations and management principles of radiologic departments, as well as the related sociological aspects; the organization and supervision in schools of radiologic technology.
- Radiographic Film Critique - One (1) hour class conducted each week at clinical facilities by clinical education supervisor.
Hours inclusive in clinical practicum.

Faculty

James H. Anderson, Ph.D., Assistant Professor
Yoram Ben-Menachem, M.D., Assistant Professor
Gerald D. Dodd, M.D., Professor
Barnett Finkelstein, M.D., Associate Professor
Al Garza, Instructor
Arnold Goldman, M.D., Associate Professor
Harvey Goldstein, M.D., Assistant Professor
Thomas S. Harle, M.D., Professor
James M. Hevezi, Ph.D., Assistant Professor

Barbara Elayne Hibbetts, R.T. (ARRT), Lecturer
M. Alton Hodges, Dr.P.H., Associate Professor
Lee Marsh, Instructor
Carol L. Magee, R.T. (ARRT), Lecturer
Hector Medellin-Lastra, M.D., Associate Professor
F. Katherine Pitre, R.T. (ARRT), Lecturer
Sidney Wallace, M.D., Professor
Alfonso Zermeno, Ph.D., Assistant Professor

SPEECH AND HEARING INSTITUTE CATALOG: Approval is recommended for the following catalog for the Speech and Hearing Institute for the academic year 1975-1976.

THE SPEECH AND HEARING INSTITUTE

History

The Speech and Hearing Institute, located in the Texas Medical Center, is dedicated to a three-pronged program: service, teaching and research in the area of human communication and its disorders. The service portion of the Institute was founded in 1951 with the name "Houston Speech and Hearing Center" and became a United Fund Agency. A complete diagnostic, habilitation and rehabilitation program has provided services for children and adults with hearing, speech, language and learning disabilities and maintains accreditation with the American Board of Examiners in Speech Pathology and Audiology.

In 1969, a three-story research building was constructed and attached to the clinical services building in preparation for adding research and teaching to the service division. The three-pronged program was accomplished through an affiliation with The University of Texas System in 1971. In 1972, the Houston Speech and Hearing Center was renamed Speech and Hearing Institute and became one of the seven institutions in The University of Texas Health Science Center at Houston. The Institute at that time brought research staff to the program and in December 1974 the Coordinating Board of the Texas College and University System approved the M.S. degree program in Language Sciences.

DESCRIPTION OF THE GRADUATE PROGRAM

The two-year M.S. degree program (72 credit hours) in the field of Language Sciences emphasizes the normal developmental behaviors of children in the age range birth through third grade and the handicapping conditions that can interfere with academic achievement. Students upon graduation will have competencies in eight related areas: 1) assessment of oral and written language, cognition, social skills and motor development, 2) classroom teaching techniques, 3) resource teaching, 4) parent involvement and training, 5) program development, 6) research methods, 7) program administration, 8) evaluation techniques.

Inasmuch as the Speech and Hearing Institute is not a school, the M.S. degree program is offered through the Institute with the degree being granted by the Graduate School of Biomedical Sciences of the Houston Health Science Center.

Although classroom lectures are included in the curriculum, maximum experience will be provided in tutorial practica related to each student's special interests. Facilities within the Speech and Hearing Institute, as well as facilities in the Texas Medical Center and the greater Houston area, will be utilized to meet student needs and enhance their training. A variety of educational, medical and clinical settings will provide on-the-job training for graduate students.

- . The Speech and Hearing Institute Service Program sees more than 1,000 children and adults in the diagnostic division each year. Hearing testing, hearing aid evaluations and speech and language/learning assessments provide information for appropriate habilitation and rehabilitation. The daily enrollment in group or individual training sessions averages 125 children and adults.
- . The Speech and Hearing Institute's television studio is available for video taping, editing and programming. A video tape library for students has been developed and will continue to grow. There are eleven rooms in the Speech and Hearing Institute's buildings that are equipped with both video and audio lines: test rooms, therapy rooms, classrooms, conference rooms and the cinema radiography laboratory. In the test rooms the cameras may be controlled by the diagnosticians.
- . The Lyon's Avenue Health Center, City Health Department, includes a School for Babies which was developed and staffed by the Speech and Hearing Institute. This outreach program is located in an area with a population that includes primarily Black and Mexican-American families. This program adds the educational dimension to a health center and will provide a source for studying ethnic languages.
- . Public School Districts in the surrounding area have provided and continue to provide populations for the development of new test instruments, practicum and much needed follow-through studies.
- . The University of Texas Dental Branch and the Speech and Hearing Institute developed a Cleft Palate Team fifteen years ago. The team includes dentists, speech pathologists, plastic surgeons, social workers, and other disciplines as needed for individual case studies.
- . The University of Texas Dental Branch uses consultant services of the Speech and Hearing Institute in their Maxillo-Facial Division. Students will learn the effects of surgery and prosthetic appliances upon speech, and be aware of the techniques for rehabilitation of these patients.
- . The Texas Institute of Rehabilitation and Research has utilized the services of the Speech and Hearing Institute for many years. Students will have the opportunity to attend chart rounds in a medical environment, and to test and rehabilitate patients with language dysfunctions following cerebral injury.
- . The M.D. Anderson Hospital and Tumor Institute refers all laryngectomee patients to the Speech and Hearing Institute for training in esophageal speech. The Institute also cooperates with the staff of the Anderson Rehabilitation Center to provide rehabilitation services to their patients.
- . The University of Texas Medical School, Department of Pediatrics, and the Speech and Hearing Institute have made initial plans for a Child Developmental Center. Joint staff participation in assessing children is now under way.

- . The University of Texas Medical School, Department of Neurology, and the Speech and Hearing Institute will work closely with head injury and stroke patients who demonstrate aphasia, dysarthria and/or apraxia.
- . The Sensory Sciences Center of The University of Texas Graduate School of Biomedical Sciences is housed in the Speech and Hearing Institute. Cooperative programs with the basic science staff will be possible.
- . The Speech and Hearing Institute is active in the Head Start programs.
- . The University of Texas at Houston, Education and Research Computer Center with its large CDC Cyber 7314 computer, will be available to staff and students of the Speech and Hearing Institute. The computing facility offers programming systems in statistical applications, simulation and plotting for use in language science research.
- . Library resources available to the students of the Speech and Hearing Institute reflect the advantages of the Medical Center setting. There are more than 120,000 books and bound journals and 3,200 current scientific periodicals and other serials on file in the Houston Academy of Medicine - Texas Medical Center Library and in the institutional collections within the Center. In addition, students have access to the extensive collections at Rice University, the University of Houston, the University of St. Thomas and the City of Houston libraries. The Speech and Hearing Institute maintains a small library of frequently used reference books and periodicals in the area of human communication and its disorders.

ACADEMIC CALENDAR

1975 - 1976

FALL QUARTER 1975 - 1976

September 22, 1975 -	December 5, 1975
September 15-19	Monday-Friday. Orientation for new students. Area Examinations.
September 18-19	Thursday-Friday. Registration for Fall Quarter- All Students.
September 22	Monday. Fall Quarter begins. Last day for registration without \$5.00 late fee.
October 3	Friday. Last day to add or drop courses.
November 21	Friday. Last day for final oral examinations for M.S. degree for Fall Quarter.
November 26	Wednesday. Last day of classes.
November 27-28	Thursday-Friday. Holiday (Thanksgiving).
December 1	Monday. Registration for Winter Quarter.
December 2-5	Tuesday-Friday. Fall Quarter final examinations.
December 5	Friday. Last day for registration without \$5.00 late fee. End of Fall Quarter. Christmas Holidays begin.

WINTER QUARTER 1975-1976

January 5, 1976-March 19, 1976

January 5	Monday.	Winter Quarter begins.
January 16	Friday.	Last day to add or drop courses.
March 5	Friday.	Last day for final oral examinations for M.S. degree for Winter Quarter. Last day of classes.
March 15	Monday	Registration for Spring Quarter.
March 16-19	Tuesday-Friday.	Winter Quarter final examinations.
March 19	Friday.	Last day for registration without \$5.00 late fee. Spring recess begins.

SPRING QUARTER 1975-1976

March 29, 1976-June 11, 1976

March 29	Monday	Spring Quarter begins.
April 9	Friday.	Last day to add or drop courses.
April 16	Friday.	Holiday (Good Friday).
May 21	Friday.	Last day for final oral examinations for M.S. degree for Spring Quarter.
May 31	Friday.	Last day of classes.
June 7-11	Monday-Friday.	Spring Quarter final examinations.
June 11	Friday.	End of Spring Quarter. Summer recess begins.

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT HOUSTON

SPEECH AND HEARING INSTITUTE
1343 Moursund Avenue
Houston, Texas 77025

APPLICATION FOR ADMISSION*

1. A completed application form (enclosed) and the following supplemental material should be mailed to the Speech and Hearing Institute.
2. One complete certified transcript of all college and/or university work. This is to be sent directly to the Speech and Hearing Institute by the college or university at the applicant's request.
3. The results of the Graduate Record Examination. The examinations are administered by the Educational Testing Service of Princeton, New Jersey, 08549, and Berkeley, California, 94704, and are taken at the applicant's expense. The applicant must specifically request that the results be forwarded directly to the Graduate School of Biomedical Sciences** using institutional code #R6908-0. Further information including dates and places of administration may be obtained from most Registrar's offices or may be obtained separately from the Office of the Registrar or from the Testing Service.
4. A formal letter of application. A letter to the Director of the Speech and Hearing Institute should be written by the applicant stating professional goals, the fields of study of greatest interest and the number of years post masters that the applicant plans to be employed in the profession. The applicant should also state if he/she will be available for an interview. In some cases, interviews in other cities may be arranged.
5. Medical History/Medical Examination Form (enclosed).
6. Three letters of recommendation. The applicant should arrange to have submitted directly to the Speech and Hearing Institute three letters of recommendation from persons well qualified to evaluate the applicant's general scholastic performance, previous employment experience, research interest, motivation and personal attributes such as character and personality.
7. Completed Abstract (enclosed).
8. Ten dollars (\$10.00) non-refundable application fee.

The applicant should be reminded that the submission of some of these items, such as the transcripts, GRE examinations and letters of recommendation will take time and the application for admissions must be complete before it will be considered.

* The Speech and Hearing Institute's Master of Science Degree in Language Sciences is granted through the Graduate School of Biomedical Sciences, The University of Texas Health Science Center at Houston.

** The University of Texas Health Science Center at Houston
Graduate School of Biomedical Sciences
Suite I, Hermann Professional Building Annex
Houston, Texas 77025

COURSES OF INSTRUCTION

COURSE OFFERINGS

Language Systems

- S.01.3 Phonetics
- S.02.3 Phonology/Morphosyntax
- S.03.3 Psycholinguistics
- S.04.3 Child Language
- S.05.2 Reading and Its Disorders
- S.06.3 *Experimental Phonetics
- S.07.1 *Manual Language
- S.08.1 *Braille

Developmental Assessment

- S.09.3 Human Nervous System
- S.10.2 Learning and Teaching Theories
- S.11.1 *Genetics and Genetic Counselling
- S.12.3 Auditory Systems and Disorders
- S.13.3 *Physiological and Psychological Acoustics
- S.14.3 Audiology I
- S.15.3 *Audiology II
- S.16.3 Oral and Vocal Mechanism and Disorders
- S.17.3 Abnormal and Deviant Behavior
- S.18.3 Disorders of Central Nervous System
- S.19.3 Visual Systems: Image Processing
- S.20.3 *Aphasia

Research Utilization and Design

- S.21.3 Experimental Design
- S.22.3 Quantitative Methods I
- S.23.3 *Quantitative Methods II
- S.24.2 *Computer Modeling and Data Analysis
- S.25.2 *Instrumentation
- S.26.3 Evaluation Design
- S.27.X Mini Thesis

Administrative Procedure

- S.28.2 Administration

Tutorial Practicum

- S.29.3 Diagnostic Procedures I
- S.30.2 Diagnostic Procedures II
- S.31.3 Curriculum Design I
- S.32.1 Curriculum Design II
- S.33.1 Materials and Media
- S.34.1 Prostheses
- S.35.1 Observation Systems
- S.36.2 Video Taping as a Diagnostic and Teaching Aid
- S.37.X *Directed Study, Special Projects

* Electives

Electives

Physiological and Psychological Acoustics
 Audiology II
 Experimental Phonetics
 Quantitative Methods II
 Instrumentation
 Computer Modeling and Data Analysis
 Genetics and Genetic Counselling
 Aphasia
 Manual Language
 Braille
 Directed Study and Special Projects

COURSE DESCRIPTIONS

Faculty is composed of Speech and Hearing Institute staff, plus adjunct staff from other Health Science Center institutions.

Course numbers are in the general form 0.00.0. The first letter indicates the general program area, the next two the course number within that program, and the final digit the number of quarter hours credit given. An (X) indicates that credit will be arranged.

S.01.3 Phonetics. Fall annually.

Articulatory phonetics: the speech tract; speech sounds, competing transcription systems. Transcription practice in English and other languages as well as in child language, defective speech and non-standard language.

S.02.3 Phonology/Morphosyntax. Fall annually.

Phonetics/phonemics in a generative grammar; phonological and syntactic rules; some syntactic processes of English; field linguistics; analysis of deviation from standard phonology/syntax. Competence/performance and deep structure/surface structure distinctions also discussed.

S.03.3 Psycholinguistics. Winter annually.

Major topics in the psychology/sociology of language, e.g., language acquisition - - pre-modern and modern theories including Skinner vs Chomsky; bilingualism; language in education and the psychology of reading/spelling.

S.04.3 Child Language. Winter annually. Prerequisite: S.03.3.

Studies of child language development. Past and present theories (e.g., Piaget, Slobin, Brown/Bellugi, etc.) and much observation and mini-experimental work.

S.05.2 Reading and Its Disorders. Winter, 1976 annually. Prerequisites: S.02.3, S.04.3, S.10.2, S.29.3, S.30.2 or consent of instructor.

Basic skills in the reading process with attention to causes of reading failure.

- S.06.3 Experimental Phonetics. Summer, 1976 annually.
Prerequisite: S.01.3.

Generation, transmission, detection, and analysis of the speech signal will be discussed. Emphasis will be given to the physiological correlates of the acoustic output. Models of speech production are examined in light of recent empirical studies. Biomedical techniques used in studying speech communication will compose a laboratory portion of this course.

- S.07.1 Manual Language. Winter, 1976 annually. Prerequisite: S.02.3.

Methods of communication in a language of signs and dactylology and current research in methodologies.

- S.08.1 Braille. Winter. To be announced.

A methods course in using the Braille-writer and teaching the blind to read Braille.

- S.09.3 Human Nervous System. Winter annually.

Development and growth of the nervous system. Basic anatomy and neuro-physiology of the brain, spinal cord, peripheral and autonomic nervous system.

- S.10.2 Learning and Teaching Theories. Fall annually.

Major theories of behavior/cognition/perception acquisition and change (S-R, Gestalt and newer cognitive formulations); application of these concepts to educational practice from the standpoint of both student and teacher. Some discussion of programmed instruction included.

- S.11.1 Genetics and Genetic Counselling. To be announced.

An overview of the genetic makeup of the human organism and a review of genetic studies related to language/learning disorders will be discussed as well as concepts of genetic counselling.

- S.12.3 Auditory Systems and Disorders. Spring, 1976 annually.
Prerequisite: S.09.3.

The mechanism and function of the auditory system as it relates to human communication. Analysis of disorders including external, middle, cochlear, and retrocochlear impairment.

- S.13.3 Physiological and Psychological Acoustics. Summer, 1976 annually. Prerequisite: S.09.3.

A detailed analysis of auditory phenomena and their underlying physiological and psychological mechanisms.

- S.14.3 Audiology I. Fall, 1976 annually.

Measurement and evaluation of hearing loss by means of pure tone techniques and speech audiometry. The interpretation of auditory measurement with consideration to the problems of the hearing impaired. Practicum included.

S.15.3 Audiology II. Winter, 1976 annually. Prerequisite: S.14.3.

Differential audiology with emphasis on advanced testing, instrumentation, and amplification techniques. Practicum included.

S.16.3 Oral and Vocal Mechanism and Disorders. Fall, 1976 annually.

The sensory and motor aspects of speech including the respiratory system; anatomy and physiology of the larynx, the velopharyngeal mechanism, the resonating cavities and the structures of articulation. Diagnostic techniques and therapeutic implications of cleft palate, voice disorders, laryngectomy speech and articulatory disorders (including dysarthria and apraxia).

S.17.3 Abnormal and Deviant Behavior. Spring, 1977 annually.

Various ways of studying and dealing with maladaptive and abnormal behavior, emotional disturbance, etc. Both adult and child problems will be discussed; other topics according to student needs and interests (e.g. alcoholism, drug problems, adolescent problems, etc.).

S.18.3 Disorders of Central Nervous System. Spring, 1977 annually. Prerequisite: S.09.3.

Basic principles and descriptions of techniques of neurodiagnosis with particular emphasis on disorders resulting in language/learning problems such as cerebral palsy, mental retardation, aphasia, head injury, etc.

S.19.3 Visual Systems: Image Processing. Winter, 1976 annually. Prerequisite: S.09.3.

This course covers evidence from optics, anatomy, physiology, pathology and psychology on normal and disordered image formation and the localization of objects in space. These are the processes related to reading skills.

S.20.3 Aphasia. Winter, 1976 annually. Prerequisites: S.02.3, S.09.3.

Significant theories from linguistics, neurology, and speech pathology regarding aphasia; its diagnosis, prognosis, and potential for rehabilitation. Describes apraxia and dysarthria versus aphasia. Relationship of aphasia to language disorders in children.

S.21.3 Experimental Design. Spring, 1976 annually.

The experimental methods: specification of the problem to be investigated, hypotheses, and variables. Practicum in designing one or more studies will be provided.

S.22.3 Quantitative Methods I. Fall, annually.

Review of mathematical concepts. Descriptive statistics, presentation of data, measures of variability, elementary probability, binomial and normal distributions. Statistical inference, estimation, and hypothesis testing, linear regression and correlation. Emphasis on application to problems in human communication and its disorders.

- S.23.3 Quantitative Methods II. Summer, 1976 annually.
Prerequisite: S.22.3.

Continuation of Quantitative Methods I. Multiple linear regression, curvilinear regression, and analysis of variance designs. Multivariate techniques including multivariate analysis of variance, discriminant analysis, and profile analysis will also be discussed.

- S.24.2 Computer Modeling and Data Analysis. Winter, 1976 annually.
Prerequisite: S.22.3.

Basic theory of computer technology will be presented. User-oriented systems for analysis of experimental data will be discussed. Students will be required to gain actual experience with elementary programming techniques as well as on-line tele-processing systems.

- S.25.2 Instrumentation. Winter, 1976 annually.

A course and practicum for students who desire to gain a working knowledge of the principles of electronic instrumentation as they apply to research in communication disorders. Elementary as well as advanced systems of experimental apparatus will be discussed.

- S.26.3 Evaluation Design. Fall, 1976 annually. Prerequisites: S.22.3, S.29.3, S.30.2, S.31.3, S.32.1.

A procedure for building accountability into an educational program; will include a needs assessment, writing learner objectives, pre and post testing, analysis of data and dissemination of information.

- S.27.X Mini Thesis. Four quarters. Prerequisite: consent of instructor.

Three mini theses will be required, one of which will be submitted for publication or presentation to a professional group.

- S.28.2 Administration. Spring, 1977, annually. Prerequisites: consent of instructor.

A course for students who will be involved with budgets, grants, personnel, volunteers, boards and public relations.

- S.29.3 Diagnostic Procedures I. All quarters, annually. Prerequisite: consent of instructor.

A survey of tests related to oral and written language and cognitive skills. Proficiency in the selection of appropriate tests, administration, interpretation and report writing will be emphasized.

- S.30.2 Diagnostic Procedures II. All quarters, annually. Prerequisite: S.29.3 or consent of instructor.

Clinical Practicum - Interviewing techniques for obtaining case history data will be studied and practiced in a clinical environment. Methods of reporting findings to the client will be included.

- S.31.3 Curriculum Design I. All quarters, annually. Prerequisite: S.10.2 and consent of instructor.

Information obtained through the appraisal process will be translated into an educational plan based on sequential behavior objectives. Individualized instructional plans will include child's identified weaknesses and strengths, skills to be mastered, content areas to be emphasized, methods to be employed, materials to be utilized and appropriate classroom management.

- S.32.1 Curriculum Design II. All quarters, annually. Prerequisites: S.31.3, S.35.1.

Family involvement - Clinical practicum plus ways of involving families of handicapped children so that beneficial activities will be carried over into the home. Role playing will be used as a tool to learn about the feelings involved in parent-clinician relationships. Video taping sessions of parents will be a key device for improving their skills.

- S.33.1 Materials and Media. Winter, 1976, annually. Prerequisite: S.31.3.

Criteria for selection of appropriate materials related to learner objectives, experience in making and using teacher made materials, setting up and operating a media center for storage and retrieval of materials, designing a catalogue. Included will be knowledge of appropriate equipment for specific handicapping conditions and instruction in the operation of audio-visual equipment.

- S.34.1 Prostheses. Fall, 1976 annually.

Students will gain a working knowledge of prosthetic appliances, e.g. hearing aids, oral pharyngeal obturators, braces, wheel chairs.

- S.35.1 Video Taping as a Diagnostic and Teaching Aid. Fall annually.

Ways of measuring diagnostic and teaching techniques will be accomplished through the use of video taping sessions. Emphasis will be placed on video taping techniques and editing.

- S.36.2 Observation Systems. Fall, 1976 annually. Prerequisite: S.35.1.

A study and application of observation systems will include the following: on-site observations, audio tape recordings, video taping. Data collection techniques will include Flanders Interaction Analysis Observation System and Teacher Self-Appraisal Observation System.

- S.37.X Directed Study, Special Projects. Four quarters annually. Prerequisite: Consent of instructor.

Interim Session

The summer quarter is free of required courses, hence lending itself to electives, directed study, special projects and tutorial practicum.

RECIPROCAL ENROLLMENT PRIVILEGES

Through reciprocal agreements, students at other components of The University of Texas System, as well as graduate students from Rice University, Baylor College of Medicine and the University of Houston, may take courses for credit at the Speech and Hearing Institute, and graduate students from the Institute may take courses for credit at any of the above institutions. No tuition or registration fee is charged by these schools for attendance by our students, charges for tuition or registration being made by the parent institution.

FEES AND EXPENSES

Tuition

Students are not entitled to enter class or laboratory until fees have been paid. All fees are payable in full at the time of registration. For tuition purposes, there are three categories of students: Texas residents, non-residents, and foreign nationals (alien). All students will pay tuition and fees according to the following schedule.

Quarter Hours	Texas Residents	Non-Residents	Aliens
12 Hours	\$33.00	\$320.00	\$133.00
11 Hours	33.00	293.00	133.00
10 Hours	33.00	267.00	133.00
9 Hours	33.00	240.00	133.00
8 Hours	33.00	213.00	133.00
7 Hours	33.00	187.00	133.00
6 Hours	33.00	160.00	133.00
5 Hours	33.00	133.00	133.00
4 Hours	33.00	107.00	133.00
3 Hours	33.00	80.00	133.00
2 Hours	33.00	53.00	133.00
1 Hour	33.00	26.67	133.00

The non-resident student is required to register for all courses set forth by his/her advisory committee at \$26.67 per quarter hour. There is no minimum. Resident students who register for more than 12 quarter hours will pay \$2.67 per quarter hour above the minimum. Alien students who register for more than 12 quarter hours will pay \$9.33 per quarter hour above the minimum.

Fees and Charges (per quarter)

Course Audit Fee	\$ 5.00
Late Registration Fee	5.00
Registration in Absentia:	
Resident	15.00
Non-resident	18.50
Alien	18.50
Transcripts (each)	1.00
Graduation fee	32.25

Refund of Tuition Fees

Upon presentation to the Registrar of a receipt showing payment of fee(s), any student withdrawing officially from The University of Texas Health Science Center Speech and Hearing Institute will receive a refund of fees on the following basis:

During the first week of class work	60%
During the second week of class work	50%
Thereafter	none

A check covering the amount due will be mailed to the student's forwarding address.

FINANCIAL SUPPORT

A limited number of scholarships are offered to cover the cost of tuition. Application for financial support should be made to the Director of the Speech and Hearing Institute

GENERAL REGULATIONS

Full-Time and Part-Time Students

Twelve full-time students will be admitted to the program in September, 1975. Additional part-time students will be accepted upon approval of the Institute's Sub-Committee on Admissions.

Minimum and Maximum Course Load

The normal maximum course load for a graduate student is fifteen quarter hours. Registration for more than fifteen quarter hours must have the special consent of the Sub-Committee on Admissions, and will be permitted only under exceptional circumstances. A minimum course load for a student to be classified as a full-time student is twelve quarter hours.

Grading System

In lieu of applying a specified number of credit hours from other universities toward the M.S. degree, students, upon request, may be pre-tested on any course or tutorial practicum. If successfully passed, credit will be entered on the student's transcript. If the pre-test reflects partial competency, the entry level of the course will be determined by the student's Graduate Advisory Committee.

Grades will be assigned on a pass-fail basis, and the M.S. degree will be awarded when appropriate credit hours have accrued. The following symbols will be used:

- P pass
- F fail
- X assignments not completed by conclusion of course. This X is valid for one quarter. At the end of this time, the student must complete the required work to receive a P. Otherwise, an F is recorded on the transcript.
- Q course dropped after registration. A student may, with the approval of the instructor and Graduate Advisory Committee, drop a course at any time during the first four weeks of classwork.
- W withdrawal from course with the consent of the instructor and satisfactory course performance to date of withdrawal.
- WF withdrawal from course with unsatisfactory course performance to date of withdrawal.

After registration courses may be added only during the first four class days of the quarter.

Theses

In lieu of the traditional M.S. thesis, students will write three related or unrelated mini theses to be completed at the end of specified quarters. These mini theses will demonstrate proficiency in search of the literature, data collection, experimental design, data analysis and written format. At least one mini thesis will be submitted for publication and/or presentation at a professional meeting, thus preparing students to disseminate information to professional audiences and the literature.

GRADUATION

Degrees are awarded at the end of each quarter, but formal public ceremonies are held only at the spring commencement. All candidates, including those actually awarded their degrees in the preceding three quarters, are urged to attend commencement exercises.

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

Board of Regents' Meeting June 5, 1975

CLINICAL FACULTY AND OTHER ACADEMIC APPOINTMENTS
WITHOUT SALARY AND WITHOUT TENUREHOUSTON MEDICAL SCHOOLInternal Medicine

- Assistant Professor
1. Victor J. Lanzotti, M.D.
(effective April 1, 1975)
- Clinical Associate
1. Michael Gagliardi, M.D.
(effective May 1, 1975)

Neurology

- Clinical Associate
1. Noreen A. Lemak, M.D.
(effective April 1, 1975)

Ophthalmology

- Clinical Instructor
1. Sue Ellen Young, M.D.
(effective April 1, 1975)

PUBLIC HEALTH SCHOOLPopulation Studies

- Adjunct Assistant Professor
1. J. Douglas Uzzell, Ph.D.
(effective May 1, 1975)
2. Kenneth C. W. Leiter, Ph.D.
(effective May 1, 1975)

Surgery - General

- Assistant Professor
1. Marion J. McMurtrey, M.D.
(effective April 1, 1975)
2. Robert M. Byers, M.D.
(effective April 1, 1975)

Surgery - Urology

- Clinical Associates
1. Michael K. O'Heeron, M.D.
(effective April 15, 1975)
2. Newton F. McDonald, M.D.
(effective April 15, 1975)
3. James Morneau, M.D.
(effective April 15, 1975)
4. Marvin G. Rape, M.D.
(effective April 15, 1975)

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

Amendments to the 1974-75 Operating Budget
Board of Regents' Meeting June 5, 1975

Approval is respectfully requested for the following amendments to the 1974-75 operating budget.

Vice President for Operations and Planning

1. Create the position of Secretary III in the Health Science Center-General, Office of the Vice President for Operations and Planning at an annual salary rate of \$8,928.00, effective April 1, 1975. Funds needed are to come from Health Science Center-General, Unallocated Appropriations-Maintenance and Operation. (RBC-419)

Data Processing

2. Create the position of Key punch Operator III in the Health Science Center-General, Department of Data Processing at an annual salary rate of \$7,896.00, effective September 1, 1974. Funds needed are to come from Unallocated Appropriations (\$4,628) and from Departmental Classified Salaries (\$3,268). (RBC-292)

Contracts and Grants Management

3. Transfer \$4,200.00 from Health Science Center-General, Unallocated Appropriations-Maintenance and Operation to Contracts and Grants Management-Classified Salaries, to cover classified position salary increases and overlapping appointments. (RBC-376)

Security

4. Transfer \$3,500.00 from Health Science Center-General, Department of Security-Classified Salaries to Travel. This transfer is requested to provide funds for travel of police officers to Austin, Texas, for training to obtain commissions from the Texas Commission on Law Enforcement Officers' Standards and Education. (RBC-385)

HOUSTON MEDICAL SCHOOLSpace Rental

1. Transfer \$43,000.00 from Medical School Unallocated Appropriations-Faculty Salaries to Space Rental to cover the lease cost of additional space in the Hermann Professional Building for use by the Medical School until such time as the Medical School Phase II Building is available for occupancy. (RBC-372)

Instructional Equipment Fund

2. Transfer \$35,000.00 from Medical School Unallocated Appropriations-Faculty Salaries to the Medical School Instructional Equipment Fund-Equipment Purchases for the purchase of furniture and furnishings for new faculty recruits. (RBC-371)

ANALYTIC SCIENCESPhysiology

3. Appoint Alec C. Chou as Research Associate, part-time (20%), in the Medical School Department of Physiology at an annual salary rate of \$12,000.00, effective February 1, 1975 through May 31, 1975. Funds needed are to come from HEW Grant 2 R01 AA-00194-04. (RBC-364)

HOUSTON MEDICAL SCHOOL (Continued)Physiology (Continued)

4. Appoint Putezhath Divakaran as Research Associate in the Medical School Department of Physiology at an annual salary rate of \$8,000.00, effective February 24, 1975. Funds needed are to come from Public Health Service Grant AM 18083. (RBC-379)
5. Change the status of Chun-Ping (Doris) Huang from Research Assistant, part-time (95%), in the Graduate School of Biomedical Sciences, Medical Genetics Center at an annual salary rate of \$11,648.08, to Research Associate, part-time (95%), in the Medical School Department of Physiology at the same annual rate, effective February 10, 1975. Funds needed are to come from Alcohol Grant R01 AA-00194-01. (RBC-386)

CLINICAL SCIENCESAnesthesiology

6. Appoint Audrey F. Posey (non-tenure) as Professor of Clinical Anesthesiology in the Medical School Department of Anesthesiology at an annual salary rate of \$40,000.00, effective April 1, 1975. Funds needed are to come from Medical School Unallocated Faculty Salaries. (RBC-423)

Dermatology

7. Create the position of Secretary III, part-time (60%), in the Medical School Department of Dermatology at an annual salary rate of \$8,160.00, effective March 1, 1975. Funds needed are to come from Medical School Unallocated Instructional Salaries. (RBC-391)
8. Create the position of Administrative Assistant I, part-time (60%), in the Medical School Department of Dermatology at an annual salary rate of \$12,168.00, effective March 1, 1975. Funds needed are to come from Medical School Unallocated Instructional Salaries. (RBC-392)

Internal Medicine - General

9. Appoint Guillermo A. Nottebohm (non-tenure) as Assistant Professor in the Medical School Department of Internal Medicine-General at an annual salary rate of \$30,000.00, effective February 1, 1975. Funds needed are to come from Medical School Unallocated Faculty Salaries. (RBC-369)
10. Appoint Soad Bekheit-Saad (non-tenure) as Assistant Professor in the Medical School Department of Internal Medicine-General at an annual salary rate of \$29,000.00, effective March 1, 1975. Funds needed are to come from Unallocated Appropriations-Faculty Salaries. (RBC-383)

Internal Medicine - Infectious Diseases

11. Appoint Richard H. Conklin as Teaching Fellow in the Medical School Department of Internal Medicine-Infectious Diseases at an annual salary rate of \$11,880.00, effective February 1, 1975 through June 30, 1975. Funds needed are to come from Various Grant Sponsors. (RBC-368)
12. Create the position of Research Technician II in the Medical School Department of Internal Medicine-Infectious Diseases at an annual salary rate of \$7,896.00, effective October 1, 1974. Funds needed are to come from Medical School Unallocated Instructional Salaries. (RBC-402)

HOUSTON MEDICAL SCHOOL (Continued)Pathology

13. Appoint Mohammad Akhtar (non-tenure) as Assistant Professor in the Medical School Department of Pathology at an annual salary rate of \$29,000.00, effective March 1, 1975. Funds needed are to come from Medical School Unallocated Faculty Salaries. (RBC-375)
14. Create the position of Clerk-Typist II in the Medical School Department of Pathology at an annual salary rate of \$6,672.00, effective March 10, 1975. Funds needed are to come from Medical School Unallocated Instructional Salaries. (RBC-407)
15. Accept the resignation of Wilson G. Brown as Clinical Professor, part-time (67%), in the Medical School Department of Pathology (MSRDP funds), at an annual salary rate of \$35,988.00, effective March 31, 1975. (RBC-413)
16. Accept the resignation of Walter G. Olin as Clinical Associate Professor, part-time (67%), in the Medical School Department of Pathology (MSRDP funds), at an annual salary rate of \$31,888.00, effective March 31, 1975. (RBC-416)
17. Accept the resignation of John R. Thomas as Clinical Associate Professor, part-time (67%), in the Medical School Department of Pathology (MSRDP funds), at an annual salary rate of \$29,788.00, effective March 31, 1975. (RBC-417)
18. Accept the resignation of Elaine V. Shalek as Clinical Assistant Professor in the Medical School Department of Pathology (MSRDP funds), at an annual salary rate of \$24,312.00, effective April 1, 1975. (RBC-418)

Psychiatry

19. Transfer \$1,850.00 from Medical School Unallocated Instructional Salaries to the Department of Psychiatry-Classified Salaries. This transfer is requested to provide funds for miscellaneous classified salary increases during the fiscal year 1974-75. (RBC-401)

Reproductive Biology and Reproductive Endocrinology

20. Accept the resignation of Hans R. Roll as Research Associate in the Medical School Department of Reproductive Biology and Reproductive Endocrinology, effective April 9, 1975. (RBC-377)
21. Appoint H. Edward Grotjan, Jr. as Research Associate in the Medical School Department of Reproductive Biology and Reproductive Endocrinology at an annual salary rate of \$9,000.00, effective February 15, 1975. Funds needed are to come from HEW Grant 1 P01 HD-08338-01. (RBC-384)
22. Accept the resignation of Mary L. Campbell as Technical Writer, part-time (50%), in the Medical School Department of Reproductive Biology and Reproductive Endocrinology at an annual salary rate of \$11,268.00, effective March 15, 1975. (RBC-398)

Surgery - General

23. Transfer \$2,900.00 from Medical School Unallocated Instructional Salaries to Surgery-General-Classified Salaries for classified miscellaneous salary increases and temporary appointments during the 1974-75 fiscal year. Funds needed are to come from Medical School Unallocated Instructional Salaries. (RBC-408)

HOUSTON MEDICAL SCHOOL (Continued)COMMUNITY HEALTH SCIENCESFamily Practice

24. Appoint Robert H. Barr (non-tenure) as Clinical Associate Professor, part-time (50%), in the Medical School Department of Family Practice at an annual salary rate of \$32,000.00, effective February 1, 1975. Funds needed are to come from Medical School Unallocated Appropriations-Faculty Salaries. Doctor Barr is also appointed as Clinical Associate Professor, without salary and without tenure, in the Medical School Department of Obstetrics and Gynecology, effective February 1, 1975. (RBC-378)

Health Services Administration

25. Transfer \$2,000.00 from the Medical School Office of the Associate Dean for Health Affairs and Planning-Maintenance and Operation to Health Services Administration-Maintenance and Operation. This transfer is requested to provide funds for increased xerox and telephone expenses for the fiscal year 1974-75. (RBC-397)

OTHER INSTRUCTIONAL PROGRAMSBiomedical Communications

26. Transfer \$1,216.23 from Medical School Central Learning Resources-Maintenance and Operation to the Department of Biomedical Communications-Maintenance and Operation to provide operating funds for the balance of fiscal year 1974-75. (RBC-396)

27. Create the position of Television Technical Supervisor in the Medical School Department of Biomedical Communications at an annual salary rate of \$9,528.00, effective February 17, 1975. Funds needed are to come from Central Learning Resources-Administrative and Professional Salaries. (RBC-405)

28. Create the position of Secretary II in the Medical School Department of Biomedical Communications at an annual salary rate of \$6,672.00, effective January 20, 1975. Funds needed are to come from Medical School Unallocated Instructional Salaries. (RBC-406)

HOUSTON DENTAL BRANCHOffice of the Dean

1. Transfer \$700,260.00 from Health Professions Capitation Grant-Restricted Funds to Office of the Dean, Capitation Grant-Instructional Support to the various budget categories listed below. This transfer is requested to provide operating funds in the needed budgetary categories for the Office of the Dean, Capitation Grant-Instructional Support. (RBC-370)

Personnel	\$ 9,200.00
Fringe Benefits	800.00
Consumable Supplies	55,000.00
Other Expenses	65,000.00
Renovation	45,000.00
Equipment	520,000.00
Travel-Domestic	5,260.00
	<hr/>
TOTAL	<u>\$700,260.00</u>

HOUSTON DENTAL BRANCH (Continued)Office of the Dean (Continued)

2. Transfer \$20,098.00 from Office of the Dean, NIH General Research Support Grant-Restricted Funds to the accounts listed below. This transfer is requested to provide funds for the projects indicated in accordance with the approval and request of Dr. John V. Olson, Dean. (RBC-380)

Oral Surgery	SUR-01-75-01	Supplies	\$	500.00
Orthodontics	ORTH-02-75-01	Supplies		98.00
Dental Science Institute	DSI-03-75-01	Personnel		17,808.00
Dental Science Institute	DSI-03-75-01	Fringe Benefits		<u>1,692.00</u>
		TOTAL	\$	<u>20,098.00</u>

Anatomy - Dental Anatomy and Histology

3. Transfer \$4,000.00 from the Dental Branch Instructional Program Fund-Maintenance and Operation to Anatomy-Dental Anatomy and Histology-Maintenance and Operation to provide sufficient funds for the remainder of the 1974-75 fiscal year. (RBC-404)

Anatomy - General and Microscopic

4. Appoint Hector A. Cuellar (non-tenure) as Assistant Professor in the Dental Branch Department of Anatomy-General and Microscopic at an annual salary rate of \$17,000.00, effective March 1, 1975. Funds needed are to come from Dental Branch Unallocated Faculty Salaries. (RBC-412)

5. Accept the resignation of Sitthi S. Srisopark as Research Fellow in the Dental Branch Department of Anatomy-General and Microscopic at an annual salary rate of \$11,688.00, effective April 14, 1975. (RBC-414)

General Practice

6. Create the position of Administrative Clerk in the Dental Branch Department of General Practice at an annual salary rate of \$6,036.00, effective September 1, 1974. Funds needed are to come from Dental Branch Unallocated Faculty Salaries. (RBC-388)

Medicine - Periodontics

7. Accept the resignation of Naokuni Ijuhin as Research Associate in the Dental Branch Department of Medicine-Periodontics at an annual salary rate of \$13,368.00, effective April 14, 1975. (RBC-411)

Dental Science Institute

8. Reappoint and change the status of Bruce F. Mackler (non-tenure) from Associate Professor in the Dental Science Institute at an annual salary rate of \$20,388.00, to Associate Professor in the Dental Science Institute at the same annual rate, and Associate Professor in the Dental Branch Department of Pathology-General Pathology, without salary, effective February 1, 1975. (RBC-373)

Library

9. Accept the resignation of Craig W. Crocker as Librarian in the Dental Branch Library at an annual salary rate of \$11,868.00, effective April 1, 1975. (RBC-415)

PUBLIC HEALTH SCHOOLLibrary

1. Increase the salary of Stephanie Z. Normann, Librarian in the Public Health School Library, from an annual rate of \$13,868.00, to an annual rate of \$14,868.00, effective March 1, 1975. Funds needed are to come from Departmental Administrative and Professional Salaries. (RBC-332)

Disease Control

2. Reappoint and change the status of Dorothy M. Tuttle, Ph.D. in the Public Health School Department of Disease Control from Associate Research Health Planner, part-time (50%), at an annual salary rate of \$23,868.00, to Assistant Professor of Health Services Administration (non-tenure), full-time, at the same annual rate, effective February 1, 1975. Additional funds needed are to come from Departmental Faculty Salaries. (RBC-381)

Environmental Health

3. Increase the salary of Marcus M. Key, M.D. (non-tenure), Professor of Occupational Medicine in the Public Health School Department of Environmental Health, from an annual rate of \$38,500.00 to an annual rate of \$40,450.00, effective April 1, 1975. Additional funds needed are to come from Public Health School Office of the Associate Dean for Student Affairs-Administrative and Professional Salaries. (RBC-400)

Unallocated Appropriations

4. Lapse \$250,327.53 from Public Health School unfilled Faculty Salary positions as indicated to Public Health School Unallocated Appropriations-Faculty Salaries (\$189,857.81) and to Public Health School Unallocated Appropriations-Administrative and Professional Salaries (\$60,469.72). (RBC-382)

Disease Control	\$ 82,415.36
Environmental Health	12,450.40
Health Services Adm.	25,151.11
International Health	37,125.04
Nutrition	39,500.04
Population Studies	43,850.33
Urban Health	<u>9,835.25</u>
TOTAL	\$ <u>250,327.53</u>

DIVISION OF CONTINUING EDUCATIONGeneral Instruction

1. Transfer \$6,000.00 from Division of Continuing Education, Office of the Dean-Maintenance and Operation to Department of General Instruction-Maintenance and Operation, to provide additional operating funds for the balance of the 1974-75 fiscal year. (RBC-390)

Communications

2. Transfer \$5,000.00 from Division of Continuing Education, Department of Communications-Administrative and Professional Salaries, to Maintenance and Operation to provide operating funds for the balance of the 1974-75 fiscal year. (RBC-389)



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The University of Texas
Health Science Center at San Antonio
7703 Floyd Curl Drive
San Antonio, Texas 78284

Office of the President

Phone: (512) 696-6105

May 14, 1975

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June 5, 1975 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 "Frank Harrison".

Frank Harrison
President

FH:js

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO

TRAVEL FOR FACULTY AND STAFF: The following travel is reported in accordance with Section 13.33 of Chapter III, Part Two of the Regents Rules and Regulations of the Board of Regents for government of The University of Texas System:

San Antonio Health Science Center

1. Dr. Harry A. Wilmer, Professor in Psychiatry, May 4, 1975 to June 5, 1975 to Los Angeles, California, Zurich, Seitzerland and London, England to attend American Psychiatric Association meeting, a lecture at University of Zurich and C. G. Jung Institute and a meeting regarding International Film Festival. Expenses to be paid from the Waddell Fund.

AMENDMENTS TO SCHOOL CATALOG: Approval is requested for the following amendments to the Medical School catalog as reflected in the April 28, 1975 Docket, page HS-130:

As a means of curricular and student evaluation, examinations of the National Board of Medical Examiners are required to be taken by all students of The University of Texas Medical School at San Antonio. Passage of Part I only is required for graduation.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is requested for the following:

San Antonio Health Science Center

San Antonio Area Foundation
201 North St. Mary's Street
San Antonio, Texas 78205

Change in Grant Previously Approved:

1. Research Grant
Pineal Function in Blind Humans
Dr. Russel J. Reiter, Department of Anatomy
Dr. George Meyer, Department of Psychiatry
No additional funds
Extension of time to December 31, 1975

The Hogg Foundation for Mental Health
The University of Texas
Austin, Texas 78712

2. Grant
Summer Work-Study Program in Mental Health for Minority Medical Students
Dr. Cervando Martinez, Department of Psychiatry
\$1,700.00
June 1, 1975 - May 31, 1976

The Robert A. Welch Foundation
2010 Bank of the Southwest Building
Houston, Texas 77002

Change in Grant Previously Approved:

3. Supplemental Grant No. AQ-465-1-325
Compact Configuration of Nucleohistone
Dr. Allan W. Rees, Department of Biochemistry
Additional funds in the amount of \$1,500.00
June 1, 1975 - May 31, 1976

Change in Grant Previously Approved:

4. Supplemental Grant No. AQ-456-1-319
Purification of an Estradiol Binding Protein
Dr. William L. McGuire, Department of Medicine
Additional funds in the amount of \$1,800.00
June 1, 1975 - May 31, 1976

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

Change in Grant Previously Approved:

5. Supplemental Grant No. AQ-458-1-320
The Relationship of the Structure of Coenzyme A to its Biological Activity
 Dr. Jonathan S. Nishimura, Department of Biochemistry
 Additional funds of \$1,800.00
 June 1, 1975 - May 31, 1976

Change in Grant Previously Approved:

6. Supplemental Grant No. AQ-462-1-322
Characterization of a Naturally Occurring Anti-Inflammatory Reactant in Pregnancy
 Dr. Robert H. Persellin, Department of Medicine
 Additional funds in the amount of \$1,500.00
 June 1, 1975 - May 31, 1976

Change in Grant Previously Approved:

7. Supplemental Grant No. AQ-541-1-366
Chemical Studies on the Spatial Arrangement of Ribosomal Components
 Dr. John C. Lee, Department of Biochemistry
 Additional funds in the amount of \$1,800.00
 June 1, 1975 - May 31, 1976

Bristol Laboratories
 P. O. Box 657
 Syracuse, New York 13201

8. Drug Study BC ⁶2527
A Double Blind Evaluation of Butorphanol in Patients Suffering Moderate to Severe Postoperative Pain
 Dr. Howard Zauder, Department of Anesthesiology
 \$60,000.00
 April 1, 1975 - September 30, 1975

The Upjohn Company
 Kalamazoo, Michigan 49001

9. Grant
Effects of Methylprednisolone on Subendocradial Flow During Low Perfusion Pressure, Normothermia, and Ventricular Fibrillation
 Dr. J. Kent Trinkle, Department of Surgery
 \$1,000.00

Warner-Lambert Research Institute
 Medical Research Division
 Morris Plains, New Jersey 07950

10. Grant
Efficacy of 1% Griseoderm Lotion (W5789) In Treating Tinea Pedis
 Dr. Darl E. Vander Ploeg, Department of Medicine
 \$10,500.00

The Presbyterian Medical Services
 P. O. Box 2384
 Santa Fe, New Mexico 87501

11. Agreement
Data Processing and Evaluation Services
 Dr. Harold D. Dickson, Department of Psychiatry
 \$52,000.00
 March 1, 1975 - February 29, 1976

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

San Antonio Union Junior College District
1300 San Pedro
San Antonio, Texas

12. Agreement

Data Processing Services

A minimum monthly fee of \$500.00
Effective March 12, 1975

American Heart Association
P. O. Box 15186
Austin, Texas 78761

13. Research Grant

Prosthesis for Correction of Single Ventricle

Dr. Kit V. Arom, Department of Surgery
\$6,000.00
July 1, 1975 - June 30, 1976

deaf

GRANTS, CONTRACTS AND AGREEMENTS (OTHER): Approval is requested for the following:

Bexar County Board of Trustees for
Mental Health Mental Retardation Services
San Antonio, Texas

1. Agreement

Psychiatric Consultation Services to Residents of the Southeast and Southwest Catchment Areas

Dr. Robert L. Leon, Department of Psychiatry
\$15,731.00
December 1, 1974 - November 30, 1975

Bexar County Hospital District
4502 Medical Drive
San Antonio, Texas 78284

Change in Contract Previously Approved:

2. Contract #9

Change the amount of BCHD Contract #9 ending December 31, 1975
from \$565,842.34 to \$583,098.12

deaf

GRANTS, CONTRACTS AND AGREEMENTS (STATE): Approval is requested for the following:

The University of Texas System
Cancer Center
Texas Medical Center
Houston, Texas 77025

Change in Contract Previously Approved:

1. Modification No. 1 of Contract N01-CN-45150
Cancer Control Radiologic Physics Subcenters
Additional funds of \$7,442.00
No extension of time

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER
AT SAN ANTONIO

FEDERAL GRANTS AND CONTRACTS

June 5, 1975 Meeting

DO
S

San Antonio Health Science Center

Department of Health, Education and Welfare

Public Health Service

1. Grant 06L480045-75 BHL10
Health Professions Student Loan
To increase the total amount of the grant from \$175,131.00 to \$203,113.00
New Money: \$27,982.00
Dr. Frank Harrison, President's Office
Bexar County, Texas

2. Research Grant 2 R01 NS09693-05
Ultrastructural Aspects of Injured Cerebral Cortex
A proposed study to determine the ultrastructural changes which accompany failure to recover from acute episodes of total cerebral ischemia induced by hypovolemic hypotension and analyze cerebral structures which might contribute to the generation or propagation of convulsive discharges in animals in which freeze lesions have been produced.
Dr. Vick Williams, Department of Anatomy
May 1, 1975 - April 30, 1976
\$14,168.00
Bexar County, Texas

3. Research Grant 1 R01 AI12863-01
Studies of Varicella-Zoster Virus Infection
An investigation to determine the most effecient methods of producing products of varicella-zoster infected cells.
Dr. Philip A. Brunell, Department of Pediatrics
June 1, 1975 - May 31, 1976
\$32,129.00
Bexar County, Texas

4. Research Grant 2 R01 AM18485-02
Mechanism of Sodium Retention in Edematous States
Five types of studies, 1) free flow micropuncture, 2) hemodynamic, 3) oliguric renal failure, 4) radioactive microsphere method utilized in pregnant rabbits, 5) characteristics of K⁺ transport in the distal tubule and collecting duct of the rat.
Dr. Jay H. Stein, Department of Medicine
June 1, 1975 - May 31, 1976
\$80,970.00
Bexar County, Texas

5. Research Grant 1 R01 HD09151-01
Ultrastructure of the Developing Baboon Placenta
A study of the normal structure of the baboon placenta in two basic areas.
Dr. Marshall L. Housotn, Department of Obstetrics and Gynecology
May 1, 1975 - April 30, 1976
\$14,887.00
Bexar County, Texas

GRANTS AND CONTRACTS (FEDERAL) (continued)

6. Research Grant 5 R01 AM16840-02
Stimulation and Mechanisms of Intestinal Transport
Continued study of intestinal transport
Dr. Ernest Urban, Department of Physiology
March 1, 1975 - February 29, 1976
\$27,768.00
Bexar County, Texas
7. Research Grant 2 R01 AM12583-07
Immunocytologic Studies on Pituitary Gonadotrophins
Continuation of studies on pituitary gonadotrophic cells
Dr. Edward G. Rennels, Department of Anatomy
May 1, 1975 - April 30, 1976
\$31,650.00
Bexar County, Texas
8. General Research Support Grant 5 S01 RR05654-08
General Research Support Grant
Dr. Frank Harrison, President's Office
January 1, 1975 - December 31, 1975
\$146,292.00
Bexar County, Texas
9. Research Grant 1 R01 HL18080-01
Extrinsic Control of Intestinal Microcirculation
Study of intestinal blood flow in both normal and pathological states
Dr. Albert P. Shepherd, Jr., Department of Physiology
June 1, 1975 - May 31, 1976
\$36,029.00
Bexar County, Texas
10. Research Grant 1 R01 HL17890-01
Determinants of Lung Bacterial Clearance
Study of antibacterial defenses of the lung by exposing animals to aerosolized bacteria and determining the rate of decrease of viable bacteria remaining in the lungs with time.
Dr. Waldemar G. Johanson, Jr., Department of Medicine
May 1, 1975 - April 30, 1976
\$51,906.00
Bexar County, Texas
11. Research Grant 1 R01 CA16831-01A1
Parenteral Nutrition and Cancer Therapy
A study of intravenous feeding done on normal and tumor bearing rats to establish what happens to the organs, tissues and tumor growth
Dr. Ivan L. Cameron, Department of Anatomy
May 1, 1975 - April 30, 1976
\$37,964.00
Bexar County, Texas
12. Contract N01-CB-23862, Modification No. 4
Biochemical Mechanism of Endocrine Induced Breast Cancer Regression
Supplemental agreement to change the total award from \$394,200.00 to \$529,200.00
Dr. William L. McGuire, Department of Medicine
Extension of time to May 31, 1976
New Money: \$135,000.00
Bexar County, Texas

GRANTS AND CONTRACTS (FEDERAL) (continued)

13. Grant 06-D-000066-01-0, Revised
Special Health Career Opportunity Grant
 Dr. Miguel A. Medina, Department of Pharmacology
 Extension of time to July 31, 1975
 No additional funds

National Science Foundation

- Change in Grant Previously Approved:
 14. Grant BMS74-06276 A01
Endocrine Functions of the Pineal Gland
 Dr. Russel J. Reiter, Department of Anatomy
 Extension of time to October 31, 1976
 New Money: \$55,000.00
 Bexar County, Texas

National Aeronautics and Space Administration

- Change in Grant Previously Approved:
 15. Grant NGR 44-094-003, Supplement No. 4
The Role of Systemic and Renal Hemodynamics as Determinants of Sodium Excretion and Volume Regulation
 Dr. Laurence E. Earley, Department of Medicine
 Extension of time to July 1, 1976
 New Money: \$45,000.00
 Bexar County, Texas

Veterans Administration

16. Contract V671P-99-75
Scarce Medical Specialist Services (Anesthesiologists)
 Dr. Howard L. Zauder, Department of Anesthesiology
 \$162,000.00
 July 1, 1975 - June 30, 1976

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO
AMENDMENTS TO THE 1974-75 OPERATING BUDGET
 June 5, 1975 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. Accept the resignation of Dr. William Weston, III as Coordinator of Continuing Medical Education, at an annual salary rate of \$28,088 effective at the close of business March 31, 1975. Dr. Weston also served as Associate Professor (50% time) in the Department of Pediatrics at an annual salary rate of \$28,088. (RBC 322)

Medicine

2. Reappoint Dr. Francisco B. Garcia (non tenure) as Instructor, at an annual salary rate of \$16,368, for the period of March 1, 1975 through March 5, 1975. Funds needed for this reappointment in the amount of \$220.01 will be transferred from Unallocated Resident Instruction. (RBC 313)

3. Appoint Dr. Roger M. Lyons (non tenure) as Assistant Professor (37.5% time) at an annual salary rate of \$24,900 effective April 1, 1975. Dr. Lyons will also serve as staff member (62.5% time) in the Department of Medicine at the Veterans Administration Hospital. Funds needed for this appointment in the amount of \$3,890.85 will be transferred from Unallocated Resident Instruction. (RBC 328)

Obstetrics and Gynecology

4. Appoint Dr. Mohammad M. Ahmad (non tenure) as Associate Professor at an annual salary rate of \$29,000 (Paid 69% from Bexar County Hospital District Contract #9 and 31% from Teaching Salaries) effective March 1, 1975. Funds needed for this appointment in the amount of \$4,500 will be transferred from Unallocated Resident Instruction. (RBC 317)

5. Grant a leave of absence (without salary) for Dr. Allan J. White (non tenure) Assistant Professor, at an annual salary rate of \$30,088 for the period of April 1, 1975 through August 31, 1975. Transfer unused teaching salaries in the amount of \$12,536.69 to Unallocated Resident Instruction. (RBC 323)

Pediatrics

6. Accept the resignation of Dr. Fernando A. Guerra (non tenure) as Clinical Instructor (10% time) at an annual salary rate of \$22,563 effective at the close of business February 28, 1975. Transfer unused teaching salaries in the amount of \$1,128.00 to Unallocated Resident Instruction. (RBC 310)

7. Accept the resignation of Dr. Richard A. Riojas (non tenure) as Clinical Instructor (10% time) at an annual salary rate of \$22,563 effective at the close of business February 28, 1975. Transfer unused teaching salaries in the amount of \$1,128.00 to Unallocated Resident Instruction. (RBC 311)

8. Increase the per cent of time of Dr. Eleanor A. Eller (non tenure) as Clinical Assistant Professor at an annual salary rate of \$24,634 from 40% time to 50% time effective March 1, 1975. Funds needed for this increase in the amount of \$1,231.50 will be transferred from Unallocated Resident Instruction. (RBC 312)

AMENDMENTS TO THE 1974-75 OPERATING BUDGET (Continued)

9. Accept the resignation of Dr. William Weston, III (tenure) as Associate Professor (50% time) at an annual salary rate of \$28,088, effective at the close of business March 31, 1975. Dr. Weston also served as Coordinator of Continuing Medical Education, Office of the Dean of the Medical School (50% time) at an annual salary rate of \$28,088. Transfer unused teaching salaries in the amount of \$5,851.69 to Unallocated Resident Instruction. (RBC 321)

Radiology

10. Appoint Dr. Wassel H. Beal (non tenure) as Assistant Professor (95% time) at an annual salary rate of \$22,000, effective February 5, 1975. Dr. Beal will also serve as Assistant Professor (5% time) in Graduate School Instruction. Funds needed for this appointment in the amount of \$8,459.42 will be transferred from Unallocated Resident Instruction. (RBC 307)

Surgery

11. Appoint Dr. Jack H. Henry (non tenure) as Clinical Assistant Professor (12.5% time) at an annual salary rate of \$30,000 effective January 19, 1975. Dr. Henry will also serve as staff member (12.5% time) in the Department of Surgery at the Veterans Administration Hospital. Funds needed for this appointment in the amount of \$2,318.56 will be transferred from Unallocated Resident Instruction. (RBC 309)

Pathology

12. Appoint Dr. Samuel J. Corman (non tenure) as Assistant Professor at an annual salary rate of \$30,000 effective April 1, 1975. Funds needed for this appointment in the amount of \$12,500 will be transferred from Unallocated Resident Instruction. (RBC 324)

Pharmacology

13. Appoint Dr. Norman W. Robie (non tenure) as Assistant Professor at an annual salary rate of \$19,000 effective March 1, 1975. Funds needed for this appointment in the amount of \$9,499.98 will be transferred from Unallocated Resident Instruction. (RBC 319)

14. Appoint Dr. Henry O. Stinnett (non tenure) as Assistant Instructor at an annual salary rate of \$11,300 effective April 1, 1975. Funds needed for this appointment in the amount of \$4,708.35 will be transferred from Unallocated Resident Instruction. (RBC 329)

Office of the Dean of the Dental School

15. Appoint Dr. Kenneth D. Rudd (non tenure) as Coordinator of Continuing Education (50% time) at an annual salary rate of \$32,000 effective April 1, 1975. Dr. Rudd will also serve as Professor (with tenure) (50% time) in the Department of Prosthodontics at an annual salary rate of \$32,000. (RBC 326)

Dental Anatomy

16. Appoint Dr. Jose M. Garcia (non tenure) as Acting Chairman effective February 1, 1975. Dr. Garcia will continue to serve as Clinical Associate Professor (80% time) in Dental Anatomy at an annual salary rate of \$30,088. (RBC 304)

Orthodontics

17. Promote Dr. Dan C. Peavy (non tenure) from Clinical Assistant Professor and Acting Chairman (without salary) to Clinical Associate Professor and Acting Chairman (without salary) effective April 1, 1975. (RBC 327)

AMENDMENTS TO THE 1974-75 OPERATING BUDGET (Continued)Periodontics

18. Appoint Dr. G. Terry Soesbe (non tenure) as Assistant Professor (without salary) effective January 5, 1975. Dr. Soesbe will also serve as full time staff member in the Department of Periodontics at the Veterans Administration Hospital. (RBC-315)

Prosthodontics

19. Appoint Dr. Donald E. Schwartz (non-tenure) as Clinical Associate Professor (20% time) at an annual salary rate of \$28,000 effective March 1, 1975. Funds needed for this appointment in the amount of \$2,800.02 will be transferred from Unallocated-Resident Instruction. (RBC-316)

20. Appoint Dr. Kenneth D. Rudd (tenure) as Professor (50% time), at an annual salary rate of \$32,000 effective April 1, 1975. Dr. Rudd will also serve as Coordinator of Continuing Education, Office of the Dean of the Dental School, (50% time, without tenure), at an annual salary rate of \$32,000. Funds needed for this appointment in the amount of \$6,666.70 will be transferred from Unallocated Resident Instruction. (RBC-325)

Graduate School Instruction

21. Appoint Dr. Wassel H. Beal (non tenure) as Assistant Professor (5% time) at an annual salary rate of \$22,000 effective February 5, 1975. Dr. Beal will also serve as Assistant Professor (95% time) in the Department of Radiology. Funds needed for this appointment in the amount of \$445.25 will be transferred from Unallocated Resident Instruction. (RBC-308)

AMENDMENTS TO THE 1974-75 OPERATING BUDGET (Continued)TRANSFER OF FUNDSSan Antonio Health Science Center

1. Amount of Transfer	\$250,000.00
From: Physical Plant (Dental School Building) Start-Up Costs	250,000.00
To: Building Maintenance - Classified Salaries	29,768.00
Grounds Maintenance - Classified Salaries	3,408.00
Grounds Maintenance - Wages	560.00
Custodial Services - Classified Salaries	38,632.00
Custodial Services - Wages	1,200.00
Utilities - Classified Salaries	11,468.00
Institutional Safety - Maintenance and Operation	14,238.00
Telephone Service - Maintenance and Operation	16,756.00
General Services - Maintenance and Operation	2,755.00
Building Maintenance - Maintenance and Operation	12,485.00
Grounds Maintenance - Maintenance and Operation	1,100.00
Custodial Services - Maintenance and Operation	9,470.00
Utilities - Maintenance and Operation	2,620.00
Utilities	105,540.00
For: To budget for Physical Plant expenditures necessary for start-up costs incurred by the opening of the new Dental School. (RBC-314)	
2. Amount of Adjustment (Library Services)	\$ 20,000.00
From: Sales and Services	15,000.00
Unallocated	5,000.00
To: Maintenance, Operation & Equipment	20,000.00
For: To adjust anticipated income to actual and budget same for needed expenditures to meet that income. (RBC-318)	

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO

AMENDMENTS TO THE 1974-75 OPERATING BUDGET (Continued)

TRANSFER OF FUNDS

3. Amount of Transfer:		\$44,068.60
From:	Unallocated - General Administration	12,057.30
	Mail Service - Classified Salaries	3,900.00
	Medicine - Classified Salaries	1,280.67
	Dean of the Dental School - Wages	600.00
	Community Dentistry - Maintenance and Operation	700.00
	Dental Anatomy - Maintenance and Operation	2,935.69
	Diagnosis & Roentgenology - Maintenance and Operation	1,400.00
	Periodontics - Wages	1,036.76
	Periodontics - Maintenance and Operation	400.00
	Unallocated Resident Instruction	19,758.18
To:	Purchasing - Equipment	478.00
	Personnel - Classified Salaries	5,279.30
	Personnel - Maintenance and Operation	3,850.00
	Personnel - Equipment	2,450.00
	Institutional Safety Program - Administrative & Professional Salaries	583.34
	Mail Service - Equipment	3,900.00
	Anesthesiology - Teaching Salaries	1,043.96
	Medicine - Administrative & Professional Salaries	1,280.67
	Surgery - Teaching Salaries	152.25
	Dean of the Dental School - Travel	600.00
	Community Dentistry - Travel	700.00
	Dental Anatomy - Classified Salaries	2,935.69
	Diagnosis & Roentgenology - Travel	1,400.00
	Periodontics - Classified Salaries	1,036.76
	Periodontics - Maintenance and Operation	1,600.00
	Periodontics - Travel	400.00
	Graduate School Instruction - Teaching Salaries	.31
	Bioengineering - Classified Salaries	6,892.32
	Computer Center - Classified Salaries	8,086.00
	Computer Center - Travel	1,400.00
For:	Transfer funds to provide for new positions and to cover operating costs necessitated by increased work load. (RBC-320)	

OTHER FISCAL ITEMS

Schedule of Additional or Changes in
Funding of Construction Projects

<u>Project Number</u>	<u>Project Title</u>	<u>Source of Funds</u>		<u>Amount</u>
		<u>From</u>	<u>To</u>	
403-314	Cafeteria		TRB	\$400,000

Legend: TRB - Tuition Revenue Bond Proceeds



THE UNIVERSITY OF TEXAS SYSTEM
CANCER CENTER

Texas Medical Center Houston, Texas 77025



May 9, 1975

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June 5, 1975 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely yours,

for Joe E. Boyd, Jr.
R. Lee Clark, M.D.
President

RLC:sd

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

DOCKET

BOARD OF REGENTS MEETING JUNE 5, 1975

GIFTS: 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>
1. The Honorable A. Garcia Cortina Sierra Tarahumara 620 Mexico 10 D.F., Mexico	Expansion of M.D. Anderson Hospital. Final payment on \$15,000 pledge.	\$ 5,000.00*
2. Anonymous	Expansion of M.D. Anderson Hospital.	100,000.00*
3. Anonymous	Expansion of M.D. Anderson Hospital.	100,000.00*
4. Mr. Peter F. Zoch, III 1600 the 600 Building Corpus Christi, Texas 78401	Unallocated Gift Funds	5,000.00*

*No letter of transmittal

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

GRANTS AND CONTRACTS (FEDERAL)

BOARD OF REGENTS MEETING JUNE 5, 1975

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-CM-43801 (RFP# NCI-CM-RFP-74-01)
Modification #2

Project Title: Phase I Studies of New Anticancer Agents

Principal Investigator: Jeffrey A. Gottlieb, M.D.

New Funds: None

Current Budget Period: April 16, 1975 through June 23, 1975

Total Project Period: June 24, 1974 through June 23, 1975

Description: To conduct clinical studies with new anticancer drugs sponsored, National Cancer Institute and/or studies with new combination of drugs. Pharmacological studies of new drugs or regimens shall be performed wherever feasible.

County of Expenditure: Harris
2. Agency: Department of Health, Education, and Welfare
National Cancer Institute

Grant No.: 5 R01 CA15086-02 PC

Project Title: Nucleolar Synthesis and Modification of RNA

Principal Investigator: Ming C. Liaw, Ph.D.

New Funds \$39,678

Current Budget Period: May 1, 1975 through April 30, 1976

Total Project Period: May 1, 1974 through April 30, 1977

Description: To utilize isolated nucleoli of the Novikoff ascites tumor and other rat tissues for study of the synthesis and processing of ribosomal RNA and ribosomes in vitro.

County of Expenditure: Harris
3. Agency: Department of Health, Education, and Welfare
National Cancer Institute

Contract No. N01-CM-53832 (RFP #74-41)

- Project Title: Quantitative Evaluation of Protected Environment
- Principal Investigator: Gerald P. Bodey, M.D.
- New Funds: \$550,000
- Current Budget Period: April 1, 1975 through March 31, 1976
- Total Project Period: April 1, 1975 through March 31, 1976
- Description: Investigate role of protected environments and prophylactic antibiotics as adjuvants to remission induction chemotherapy of non-Hodgkin's lymphomas and metastatic soft-tissue sarcomas in adults.
- County of Expenditure: Harris
4. Agency: Department of Health, Education, and Welfare
National Cancer Institute
- Grant No.: 5 R01-CA07746-11 PC Revised
- Project Title: Proteins of the Cell Nucleus
- Principal Investigator: Lumbomir S. Hnilica, Ph.D.
- New Funds: \$48,000
- Current Budget Period: May 1, 1974 through April 30, 1975
- Total Project Period: May 1, 1973 through April 30, 1978
- Description: Revision represents a cash adjustment between the actual balance as reported on the 10th year expenditure report and the estimated balance applied on the 11th year award statement. Isolation of specific gene repressors or activators from eucaryotic organisms.
- County of Expenditure: Harris
5. Agency: Department of Health, Education, and Welfare
National Cancer Institute
- Grant No.: 5 T01 CA05099-13 CAN Revised
- Project Title: Training in Radiation Research on Cancer
- Principal Investigator: Gilbert H. Fletcher, M.D.
- New Funds: \$285,433
- Current Budget Period: July 1, 1974 through June 30, 1975
- Total Project Period: July 1, 1971 through June 30, 1976
- Description: Revised to authorize a carry-over of Direct Cost and Indirect Cost from the 12th year to the 13th year. The program is to provide training for radiation therapists and for basic science graduates in the areas of radiological physics, biophysics, and radiation biology.

- County of Expenditure: Harris
6. Agency: Department of Health, Education, and Welfare
National Cancer Institute
- Grant No.: 5 R26 CA 15438-03 SRC
- Project Title: Study of Oncogenic Viruses in Human Prostate
Cancer
- Principal Investigator: Leon Dmochowski, M.D.
- New Funds: \$80,900
- Current Budget Period: June 1, 1975 through May 31, 1976
- Total Project Period: June 1, 1973 through May 31, 1978
- Description: To establish the viral etiology of human
prostate cancer with emphasis on identifica-
tion of RNA tumor virus expression.
- County of Expenditure: Harris
7. Agency: Department of Health, Education, and Welfare
National Cancer Institute
- Grant No.: 2 R01 CA05654-15 RAD
- Project Title: Evaluation of Supervoltage Therapy
- Principal Investigator: Gilbert H. Fletcher, M.D.
- New Funds: \$47,093
- Current Budget Period: May 1, 1975 through April 30, 1976
- Total Project Period: May 1, 1975 through April 30, 1980
- Description: To study what can be achieved for cancer patients
treated with megavoltage therapy alone or in
combined programs with surgery or chemotherapy
which will enable modification of treatment to
improve end results.
- County of Expenditure: Harris
8. Agency: Department of Health, Education, and Welfare
National Cancer Institute
- Subcontract No.: NIH-NCI-C-73-3713
Amendment No. 3
- Project Title: Subcontract - University of Arizona "Anderson
Myeloma Case Analysis Program"
- Principal Investigator: Raymond Alexanian, M.D.
- New Funds: \$1,020
- Current Budget Period: February 10, 1975 through March 9, 1975
- Total Project Period: January 1, 1973 through March 9, 1975

- Description: One month extension for participation in the Computer System Program on Myeloma case analysis.
- County of Expenditure: Harris
9. Agency: Department of Health, Education, and Welfare
National Cancer Institute
- Contract No.: N01-CM-33737
Modification No. 8
- Project Title: Therapy of Patients with Bronchogenic Carcinoma
- Principal Investigator: Clifton F. Mountain, M.D.
- New Funds: \$280,636
- Current Budget Period: April 1, 1975 through March 31, 1976
- Total Project Period: April 2, 1973 through March 31, 1976
- Description: Provide necessary support for studies of intensive multidisciplinary therapy, determine the efficacy of therapeutic approaches, possible relationship to morphological cancer and clinical stage and influence of concomitant pathology to prolong longevity of patients.
- County of Expenditure: Harris
10. Agency: Department of Health, Education, and Welfare
National Cancer Institute
- Grant No.: 5 R26 CA16763-02 SRC
- Project Title: Effect of Antitumor Agents on Colon Carcinoma Cells
- Principal Investigator: Benjamin Drewinko, M.D.
- New Funds: \$29,018
- Current Budget Period: June 1, 1975 through May 31, 1976
- Total Project Period: June 1, 1974 through May 31, 1976
- Description: This project intends to analyze the lethal effects of ionizing radiations and chemotherapeutic drugs on an established human colon carcinoma cell line in order to provide useful information relevant to the rational design of chemo- and radio- therapeutic clinical trials.
- County of Expenditure: Harris
11. Agency: Department of Health, Education, and Welfare
National Cancer Institute
- Grant No.: 5 R01 CA04484-17 RAD
- Project Title: Relationship of Repair and Recovery in Mammalian Cells

Principal Investigator: Ronald M. Humphrey, Ph.D.

New Funds: \$76,395

Current Budget Period: April 1, 1975 through March 31, 1976

Total Project Period: April 1, 1974 through March 31, 1977

Description: To determine at the molecular level the details of the mechanism by which mammalian cells bypass ultraviolet light induced damage in their DNA during DNA replication and to investigate whether this repair process is applicable to other types of damage such as lesions produced by ionizing radiation and mutagenic and/or carcinogenic chemicals.

County of Expenditure: Harris

12. Agency: Department of Health, Education, and Welfare
National Cancer Institute

Contract No.: N01-CN-45150
Modification No. 2

Project Title: Cancer Control Radiologic Physics Centers

Principal Investigator: Robert J. Shalek, Ph.D.

New Funds: \$37,086

Current Budget Period: March 26, 1975 through June 27, 1975

Total Project Period: June 28, 1974 through June 27, 1975

Description: Quality review of medical physics relating to Cancer Control Programs. To directly and indirectly involve the majority of the medical physicists in the area. That will upgrade the quality of the physical aspects of therapeutic, diagnostic, radiology; and nuclear medicine generally as well as cancer control programs.

County of Expenditure: Harris

13. Agency: Department of Health, Education, and Welfare
General Research Support Program
Division of Research Resources

Grant No.: 5 S01-RR05511-13

Project Title: General Research Support Grant

Principal Investigator: R. Lee Clark, M.D.

New Funds: \$255,345

Current Budget Period: January 1, 1975 through December 31, 1975

Total Project Period: January 1, 1975 through December 31, 1975

Description: Supplemental funds, support for general research.

County of Expenditure: Harris

14. Agency: Department of Health, Education and Welfare
National Cancer Institute
- Grant No.: GM 19513-03 (Sub-Grant from University of
Texas Health Science Center at Houston)
- Project Title: Study of Human Genetics
- Principal Investigator: Travis E. Stubblefield, Ph.D.; David E.
Anderson, Ph.D.; Joseph R. Shaeffer, Ph.D.
- New Funds: \$26,072
- Current Budget Period: June 1, 1974 through September 30, 1975
Award allocated to Drs. Stubblefield and
Anderson. June 1, 1974 through August 31,
1974 Award allocated to Dr. Shaeffer.
- Total Project Period: June 1, 1972 through May 31, 1977
- Description: To conduct a cooperative research project
between The University of Texas Health
Science Center at Houston Graduate School of
Biomedical Sciences and The University of
Texas System Cancer Center M.D. Anderson Hospital
and Tumor Institute for the Study of Human
Genetics.
- County of Expenditure: Harris
15. Agency: The United States of America
U. S. Energy Research and Development Administration
- Contract No.: AT(38-1)-526
Modification No. 7
- Project Title: Evaluation of Californium-252 Neutron Emitter
of Interstitial and Intracavitary Radiation
Therapy.
- Principal Investigator: Alfred R. Smith, Ph.D.
- New Funds: None
- Period of Performance: October 15, 1968 through January 31, 1976
- Description: Evaluate the use of ²⁵²Cf sources provided by
ERDA for treatment of Cancer
- County of Expenditure: Harris
16. Agency: Department of Health, Education, and Welfare
National Cancer Institute
- Grant No.: 5 R26 CA14140-03 LB Revised
- Project Title: National Large Bowel Cancer Project
- Principal Investigator: Murray M. Copeland, M.D.
- New Funds: \$271,482
- Current Budget Period: October 1, 1974 through September 30, 1975

Total Project Period: August 1, 1972 through September 30, 1977

Description: Revision of continuation and expansion of research programs on the biology and control of large bowel cancer to develop the means to reduce the incidence, morbidity and mortality of cancer in humans.

County of Expenditure: Harris

17. Agency: Department of Health, Education, and Welfare
National Cancer Institute

Contract No.: N01-CM-12094
Modification No. 9

Project Title: Quantitative Evaluation of Protected Environment and Prophylactic Antibiotics for Remission Induction and Maintenance Therapy of Adult Acute Leukemia and Solid Tumors.

Principal Investigator: Gerald P. Bodey, M.D.

New Funds: None

Current Budget Period: February 1, 1975 through March 31, 1975

Total Project Period: June 16, 1971 through March 31, 1975

Description: Extension of two months. Determine if the PEPA program reduces the risks of serious infections in patients with normal bone marrow undergoing chemotherapy for non-Hodgkin's lymphoma; if it permits the administration of higher doses of chemotherapy without concomitant in risk of infection; if higher doses of chemotherapy result in higher response rates in non-Hodgkin's lymphoma; if higher doses of chemotherapy result in longer duration of response and longer duration of survival.

County of Expenditure: Harris

10 x 7

GRANT (NON-GOVERNMENTAL): The following grant was awarded and is submitted for formal approval of the Board of Regents.

M. D. Anderson

1. Agency: American Cancer Society, Inc.
 Grant No.: R-80 (Revised from R-82)
 Project Title: The Pharmacology of Continuous ara-C Administration in Leukemia Patients
 Principal Investigator: Dah Hsi Wang Ho, Ph.D.
 New Funds: \$93,750
 Current Budget Period: January 1, 1975 through December 31, 1975
 Total Project Period: January 1, 1975 through December 31, 1975
 Description: The clinical pharmacology of continuous ara-C administration to ambulatory leukemia patients will be investigated using a recently developed Liquid Infusion System.
 County of Expenditure: Harris

10 x 7

BUSINESS CONTRACT: The following contract has been negotiated by the Business Manager and has been approved by the System Comptroller, and the Deputy Chancellor for Administration. I recommend your approval and ratification of signatures.

M. D. Anderson

1. Lease Agreement between the Center Pavilion Hospital, Inc., Lessor and The University of Texas System Cancer Center, Lessee for an additional 2,369 square feet of space in the Center Pavilion Building for the period of May 1, 1975 through August 31, 1976, with payment to be made from federal grant funds. The cost of this space is fifty-five cents per square foot per month, for a total of \$1,302.95 per month.

400

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER
 AMENDMENTS TO THE 1974-75 OPERATING BUDGET
 BOARD OF REGENTS MEETING JUNE 5, 1975

M. D. Anderson

General Administration

Business Manager's Office

1. Transfer and Change in Title
 George F. Budd
 From: Patient Accounts Supervisor-Other Staff
 Business Office Patient Accounts
 To: Staff Assistant for Patient Accounting-Other Staff
 Full-time rate of \$16,368 per annum
 Effective March 14, 1975
 Source of funds: General Budget-Reserve for Professional Salaries
 (RBC 272)

Patient Accounts

2. Appointment
 Joseph T. Molitoris
 To: Patient Accounts Supervisor-Other Staff
 Full-time rate of \$16,000 per annum
 Effective March 14, 1975
 Source of funds: General Budget-Budgeted position for Patient
 Accounts Supervisor and the Reserve for Professional Salaries
 (RBC 271)

The Tumor Institute

Medical Staff

Medicine

3. Resignation
 Evaristo Buznego, M.D. - without tenure
 To: Clinical Assistant Internist in Medicine
 75 per cent time rate of \$20,766 per annum (Full-time rate of
 \$27,688 per annum)
 Effective Close of Business April 8, 1975
 Source of funds: Dr. Buznego has been paid from the Department of
 Medicine-General Funds
 (RBC 274)
4. Resignation
 William J. Reeves, M.D. - without tenure
 To: Assistant Internist in Medicine
 Full-time rate of \$25,068
 Effective Close of Business March 21, 1975
 Source of funds: Dr. Reeves has been paid from the Department of
 Medicine-General Funds
 (RBC 264)

The Tumor Institute (Cont'd)

Medical Staff

Diagnostic Radiology

5. Change in source of funds
 David D. Paulus, M.D. - without tenure
 To: Associate Radiologist and Assistant Professor of Radiology
 From: Full-time rate of \$30,000 per annum Diagnostic Radiology-
 General Fund
 To: 65 percent time rate of \$19,500 per annum Diagnostic Radiology-
 General Fund and 35 percent time rate of \$10,500 per annum Contract
 N01-CB-43993
 Effective September 1, 1974
 Source of funds: General Budget-Budgeted position and available
 grant funds
 (RBC 267)

Anesthesiology

6. Appointment
 Barnett J. Junker, M.D. - without tenure
 To: Anesthesiologist and Assistant Professor of Anesthesiology
 Full-time rate of \$34,000 per annum
 Effective April 1, 1975
 Source of funds: General Budget-Reserve for Professional Salaries
 (RBC 282)

Research

Developmental Therapeutics

7. Appointment
 Karel A. Dicke, M.D. - without tenure
 To: Visiting Professor in Developmental Therapeutics
 Full-time rate of \$28,000 per annum
 Effective March 1, 1975
 Source of funds: Available grant funds ACS-IM-57C
 (RBC 265)

Epidemiology

8. Correction in change of status
 John B. Arthaud, M.D. - without tenure
 To: Associate Epidemiologist in Epidemiology
 From: 80 percent time rate of \$28,000 per annum
 (Full-time rate of \$35,000 per annum)
 March 1, 1975 through August 31, 1975
 To: 73 percent time rate of \$19,781 per annum
 (Full-time rate of \$27,199 per annum)
 He will also be paid at the 27 percent time rate of \$7,418
 per annum from The University of Texas Health Science Center.
 For the period March 1, 1975 through August 31, 1975
 Source of funds: General Budget-Budgeted position-Reserve for
 Professional Salaries
 (RBC 269)

Epidemiology (Cont'd)

9. Appointment
 Dorothy G. Wellington, Ph.D. - without tenure
 To: Research Associate in Epidemiology
 50 percent time rate of \$10,000 per annum (Full-time rate of \$20,000 per annum)
 Effective March 1, 1974
 Source of funds: Available grant funds-Council for Tobacco Research-USA, Inc.
 (RBC 270)

Computer Science Laboratory of the Institute of Biomathematics

10. Resignation
 Joseph J. Murdock
 Biomedical Computer Engineer-Other Staff, Computer Science Laboratory-Institute of Biomathematics
 Full-time rate of \$13,868 per annum
 Effective Close of Business April 21, 1975
 Source of funds: Mr. Murdock has been paid from the Computer Science Laboratory-Institute of Biomathematics-General Budget
 (RBC 273)

Patient Care Activities

Appointments

11. Appointment
 Kathryn D. Messinger
 To: Senior Clerk-Classified
 Full-time rate of \$6,888 per annum
 (\$6,168 Base and \$720 Shift Differential)
 Effective April 14, 1975
 Source of funds: General Budget-Reserve for Classified Salaries
 (RBC 285)
12. Appointment
 Lou A. Chapman
 To: Senior Clerk-Classified
 Full-time rate of \$6,163 per annum
 Effective April 7, 1975
 Source of funds: General Budget-Reserve for Classified Salaries
 (RBC 280)

Respiratory Therapy

13. Transfer of funds
 From: Reserve for Maintenance and Operation
 To: Respiratory Therapy, Maintenance and Operation Appropriation
 Transfer in the amount of \$5,000
 To provide for the M. D. Anderson Hospital portion of the training program for Respiratory Therapy Technicians to be administered by The University of Texas School of Allied Health Sciences at Houston for the period January 1, 1975 through December 31, 1975.
 (RBC 244)

Medical Records

14. Appointment
 Hazel A. Lewis
 To: Medical Records Audit Supervisor-Classified
 Full-time rate of \$10,656 per annum
 Effective April 1, 1975
 Source of funds: General Budget-Reserve for Classified Salaries
 (RBC 276)

Patient Care Activities (Cont'd)

Radiotherapy Service

15. Appointment
 Cara J. Smith
 To: Radiotherapy Technician-Classified
 Full-time rate of \$10,548 per annum
 Effective April 1, 1975
 Source of funds: General Budget-Reserve for Classified Salaries
 (RBC 278)

General Services

Purchasing

16. Appointment
 Lillian Ruiz
 To: Clerk-Typist II-Classified
 Full-time rate of \$5,964 per annum
 Effective April 1, 1975
 Source of funds: General Budget-Reserve for Classified Salaries
 (RBC 277)

Anderson/Mayfair

17. Appointment
 Joseph S. Allday
 To: Night Manager, Auditor-Other Staff
 Full-time rate of \$14,200 per annum (with apartment)
 Effective April 1, 1975
 Source of funds: General Budget-Available Anderson/Mayfair Funds
 (RBC 281)
18. Separation due to death
 Peggy O. Wilson
 From: Assistant Manager, General Services
 Full-time rate of \$12,768 per annum
 Effective Close of Business March 27, 1975
 Source of funds: Mrs. Wilson has been paid from General Budget-
 Available Anderson/Mayfair Funds
 (RBC 263)

Transfer of Funds

19. Transfer funds as indicated to various departmental Maintenance and Operations appropriations to provide funds for expenditures not previously anticipated.

Transfer to:

<u>Department</u>	<u>Appropriation Item/Title</u>	<u>Page No.</u>	<u>Amount</u>
Business Office - General Accounting	Maintenance & Operation	10	3,500
Business Office - Patient Account	"	14	6,000
Business Office - Payroll	"	15	2,000
Personnel	"	19	20,000
Office of Research	"	54	12,000
Cell Biology	"	60	6,000
Environmental Biology	"	62	7,000
Developmental Therapeutics	"	89	20,000
Research Seminars	"	108	500
Research Medical Library	"	116	10,000
Office of Associate Director - Clinics	"	120	5,000
Clinic Administration	"	122	3,500
Cardio-Pulmonary Function Service	"	130	5,000
Clinic Outpatient Services	"	131	40,000

Transfer of Funds (Cont'd)

<u>Department</u>	<u>Appropriation Item/Title</u>	<u>Page No.</u>	<u>Amount</u>
Food Service	Maintenance & Operation	134	15,000
Medical Records	"	139	35,000
Director of Nursing Office	"	160	3,500
Hospital Inpatient Services-General	"	174	5,000
Surgical Services	"	172	7,500
Patient Care Activities Travel Fund	Travel	176	2,500
Annex & Rehabilitation Center			
Building Services	Maintenance & Operation	181	12,000
Food Service	"	182	7,500
Physical Plant	"	185	40,000
Special Projects	"	193	6,000
Communications	"	194	45,000
Development Office	"	195	5,000
Purchasing	"	203	3,500
Central Stores and Transportation	"	205	5,000
Reserves	Reserve for Maintenance & Opera-	220	250,000
(RBC 284)	tion		
	TOTAL		\$583,000



OFFICE OF THE PRESIDENT

THE UNIVERSITY OF TEXAS
SYSTEM SCHOOL OF NURSING
AUSTIN, TEXAS 78712

May 9, 1975

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the June 5, 1975 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 "Marilyn D. Willman".

Marilyn D. Willman
President

MDW/jg

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

June 5, 1975

GIFTS TO THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Handwritten initials/signature

The following gift has been received. I recommend acceptance and that the thanks and appreciation of the Board be sent to the donor by the Secretary.

A single asterisk preceding the name of the donor indicates no letter of transmittal from the donor.

<u>Donor</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
*1. Sue E. Comer St. Anthony's Center Room 830 6301 Alameda Houston, Texas 77021	Addition to the John G. Comer Memorial Scholarship and Faculty Development Fund	\$5,000

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

June 5, 1975



GRANTS, CONTRACTS AND AGREEMENTS (State)

Austin Nursing School

1. IAC (76-77)-0001 between The University of Texas System School of Nursing and The University of Texas at Austin, for the period September 1, 1975 through August 31, 1976, whereby The University of Texas at Austin furnishes custodial service, grounds maintenance, transportation, trash collection, lock, key and safety service, security, building maintenance, purchasing, registration, accounting, stenographic supplies, reproductions, telephone service, etc. to the Austin Nursing School. The amount of this contract will not exceed \$189,720.00.

Galveston Nursing School

2. Amendment No. 1 to IAC (74-75)-1203 between The University of Texas System School of Nursing and The University of Texas Medical Branch at Galveston for the period March 1, 1975 through August 31, 1975, whereby the Galveston Medical Branch leases an additional 6,975 square feet of space to the System Nursing School for classroom and office space used by the Galveston Nursing School. This increases the total amount of the contract to \$53,971.50.

San Antonio Nursing School

3. Amendment No. 1 to IAC (74-75)-1127 between The University of Texas System School of Nursing and The University of Texas at San Antonio for the period April 1, 1975 through August 31, 1975, whereby the University of Texas System School of Nursing decreases the amount of space leased to The University of Texas at San Antonio from 744 square feet to 278.4 square feet. This decreases the amount of this contract to \$1,650.00.

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

June 5, 1975

AKA

GRANTS, CONTRACTS AND AGREEMENTS (Federal)

1. The Department of Health, Education, and Welfare, Public Health Service Grant 06L480034-75 BHL83 provides an additional \$60,612.00 for Baccalaureate Degree Student Loans. The period of support is from July 1, 1974 through June 30, 1975. The funds will be expended in Travis County.
2. The Department of Health, Education, and Welfare, Public Health Service Grant 06L480040-75 BHL84 provides an additional \$1,469.00 for Graduate Degree Student Loans. The period of support is from July 1, 1974 through June 30, 1975. The funds will be expended in Travis County.
3. The Department of Health, Education, and Welfare, Office of Education, provides \$29,076.00 for the period July 1, 1975 through June 30, 1976 for support of the College Work Study Program. The funds will be expended in Travis County.

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

June 5, 1975

RECOMMENDED AMENDMENTS TO THE 1974-75 BUDGET

System Nursing School

1. Transfer of Funds:

From: Austin Nursing School		
Teaching Salaries		\$ 43,045.00
El Paso Nursing School		
Teaching Salaries		10,335.00
Library - Classified Salaries		468.00
Fort Worth Nursing School		
Teaching Salaries		3,529.00
Galveston Nursing School		
Teaching Salaries		22,215.00
Library - Other Expenses		960.00
San Antonio Nursing School		
Teaching Salaries		56,489.00
Total		<u>\$137,041.00</u>

To: System Offices		
Classified Salaries		\$ 4,800.00
Wages		500.00
Maintenance and Operation		20,000.00
Austin Nursing School		
Summer Session Teaching Salaries		11,100.00
Maintenance and Operation		7,416.00
Travel		2,000.00
El Paso Nursing School		
Summer Session Teaching Salaries		3,125.00
Classified Salaries		1,750.00
Maintenance and Operation		9,415.00
Fort Worth Nursing School		
Summer Session Teaching Salaries		4,300.00
Maintenance and Operation		8,415.00
Travel		1,000.00
Galveston Nursing School		
Summer Session Teaching Salaries		6,117.00
Maintenance and Operation		7,415.00
Travel		2,000.00
Houston Nursing School		
Summer Session Teaching Salaries		2,908.00
Maintenance and Operation		8,415.00
Travel		1,000.00
Library Expenses		2,900.00
San Antonio Nursing School		
Summer Session Teaching Salaries		17,800.00
Classified Salaries		3,650.00
Maintenance and Operation		7,415.00
Travel		2,000.00

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

June 5, 1975

RECOMMENDED AMENDMENTS TO THE 1974-75 BUDGET
(Continued)System Nursing School (Continued)

Division of Continuing Education	\$ 1,600.00
Total	<u>\$137,041.00</u>

For: To lapse unencumbered balances in salary and library expense accounts and reallocate these funds. (RBC# N-387)

El Paso Nursing School

2. Transfer of Funds:

From: Physical Plant	
Maintenance, Operation and Equipment	\$ 1,350.00
To: Physical Plant	
Classified Salaries	350.00
Wages	1,000.00

For: To provide funds for salaries and wages. (RBC# N-386)

3. Appoint Elizabeth S. Davis, Assistant Instructor, (non-tenure), at a 9 months rate of \$10,726 for the period June 1, 1975 through July 15, 1975. Source of Funds: Psychomotor Skill Modules in Nursing. (RBC# N-391)

4. Appoint Sharon L. Pontious, Instructor, (non-tenure), at a 9 months rate of \$12,026 for the period June 1, 1975 through July 15, 1975. Source of Funds: Psychomotor Skill Modules in Nursing. (RBC# N-392)

5. Appoint Marie D. Stenrose, Assistant Professor, (non-tenure), 50% time, at a 9 months rate of \$14,061 for the period June 1, 1975 through July 15, 1975. Source of Funds: Psychomotor Skill Modules in Nursing. (RBC# N-390)

Houston Nursing School

6. Appoint Mickey J. Stovall, Instructor, (non-tenure), at a 9 months rate of \$12,000 for the period February 1, 1975 through May 31, 1975. Source of Funds: Teaching Salaries. (RBC# N-383)

San Antonio Nursing School

7. Appoint Suellen B. Reed, Assistant Professor, (non-tenure), at a 9 months rate of \$16,350 for the period June 1, 1975 through July 15, 1975. Source of Funds: 2/3 from Project Outreach. (RBC# N-400), 1/3 from Summer Session Teaching Salaries. (RBC# N-401)

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

June 5, 1975

AMENDMENTS TO 1974-75 CATALOGUE

1. Add paragraph to section entitled Policy:

Family Educational Rights and Privacy Act of 1974

The provisions of the "Family Educational Rights and Privacy Act of 1974" require that all students be notified of the rights accorded them by that Act. In compliance with that requirement, a copy of the Act is available in the Dean's Office on each campus of the System School of Nursing. Also available is a statement setting forth the type of records maintained by the institution, the name and locations of the person responsible for maintaining them, and the procedures established for access to and reviewing and expunging those records.

2. Add paragraph to section entitled Student Financial Aid:

Hinson-Hazelwood College Student Loan Program

Only legal residents of Texas qualify for this loan. The program requires that an applicant be enrolled or accepted for at least one-half the normal course load.

Students may borrow up to \$1,500 per academic year provided the total amount does not exceed \$7,500 at any time. Summer loans not to exceed \$500 may be made in addition to loans made for the nine-month academic year.

Funds will be available approximately eight weeks after an application has been approved.

3. Add paragraph to section entitled Organizations:

STUDENT ROUNDTABLES

The UTSSN Undergraduate and Graduate Student Roundtables are composed of at least two representatives from each of the six undergraduate campuses and three graduate campuses and meet twice yearly during general faculty meetings. The purpose of both groups is to stimulate more and better communication among students, to provide student feedback to faculty members and to represent the interests of all UTSSN students.

4. Amend tuition and fee schedule as follows:

Houston Campus	
Tuition	\$100.00
Library fee	20.00
Laboratory fees	16.00
[Health-service-fee] <u>Physical examination and immunization</u>	
(paid by student directly to physician--approximate)	30.00
<u>Student health service fee</u>	<u>21.00</u>
Total:	[\$166.00]
	<u>\$187.00</u>
San Antonio Campus	
Tuition	\$100.00
Health service fee	[34.00]
	60.00
Miscellaneous fees (approximate)	[10.00]
	12.00
Laboratory fees	16.00
Total:	[\$160.00]
	<u>\$188.00</u>

5. Add paragraph to section entitled Tuition and Fees:

LATE REGISTRATION FEE

A late registration fee of \$5.00 will be charged for the first day of late registration and an additional \$2.50 per day thereafter with the maximum amount being \$15.00 for any one semester. This fee may be waived only in extenuating circumstances by the Dean or the Dean's delegate. The late registration fee is not refundable.

6. Add paragraph to section entitled Tuition and Fees:

FEE FOR CREDIT BY EXAMINATION

A fee of \$25.00 per examination will be required of students who seek credit by examination. Procedures are set forth in the Credit by Examination section.

7. Amend as indicated below section entitled Student Health Services, Fort Worth Campus (Page 32):

Services provided are ~~[physical examinations;]~~ immunizations other than those required prior to admission, tuberculin testing, and routine laboratory studies ~~[as well as]~~ and chest roentgen ray examinations ~~[at the time of entry and at periodic intervals thereafter]~~ if needed. ~~[With each examination, a nose and throat culture will be done.]~~ All students enrolled in nursing courses are to have annual physical examinations.

8. Amend as indicated below section entitled Galveston Campus (Page 33):

All entering students ~~[not covered under an individual or group policy with Blue Cross]~~ will automatically be covered by our group policy upon payment of tuition and fees. Those entering students already covered under a Blue Cross policy have the option of ~~[either]~~ keeping their own policy ~~[or joining our group]~~; however, the Health Service Fee is not optional.

9. Amend as indicated below section entitled San Antonio Campus (Page 33):

~~[Services provided are physical examinations, immunizations other than those required prior to admission, tuberculin testing, and routine studies as well as roentgen ray examinations at the time of entry and at periodic intervals thereafter.]~~ All students enrolled are to have a complete physical examination and laboratory tests by a personal physician prior to entry. Yearly physical examinations are required while enrolled.

10. Amend as indicated below section entitled Assignment of Students to Campuses (Page 34):

Applications are considered according to the time at which ~~[the 60 hours of]~~ prerequisite courses are completed and official transcripts received. ~~[Prospective students should be aware, however, that, at the present time, there are more applicants for each of the six campuses than can be accommodated in any given semester. Therefore,]~~ In some cases applicants ~~[are having to]~~ may wait ~~[at least]~~ one semester ~~[and, in some cases, two semesters]~~ after completion of prerequisite courses before admission into the School of Nursing.

11. Add paragraph to section entitled Dropping Courses:

Dropping refers to the procedure by which a student removes himself from one or more of the courses in which he is enrolled, while continuing in the remainder of his courses.

12. Delete the following (Page 38):

~~[SUMMONS TO ADMINISTRATIVE OFFICES~~

~~A summons to the office of any administrative officer is imperative and must be heeded at the times set in preference to other duties. Failure to heed such summons will render the student liable to suspension.]~~

13. Delete the following (Page 38):

[OFFICE-HOURS

~~Students must attend to their business with school officials during office hours. If it is impossible for them to come during office hours, or if they have forgotten to come they should send a letter at once through the United States or campus mails or report by telephone. In using the mails the student should always give his name and address and state plainly all the relevant items connected with the business in hand.]~~

14. Amend as indicated below section entitled Withdrawal (Page 39):

Withdrawal refers to the procedure by which a student removes himself from all courses in which he is enrolled. A student wishing to withdraw from the School of Nursing for the remainder of a particular session should apply to his Dean for permission. [If he is a minor he must present to the Dean a written statement from his parent, guardian, or sponsor indicating that the responsible party has knowledge of the student's intent to withdraw.] The Dean's permit to withdraw will be sent to the System Offices, where an order will be given for the return of such fees as are returnable by the rules. No fees will be repaid to anyone other than the payor, except on his/her written order.

If an undergraduate student withdraws from The University of Texas System School of Nursing, with proper permission, after the first four weeks of a regular semester or the first two weeks of a summer session, [he will receive a WQ in] the symbol W will be recorded for courses in which he is passing [at the time of withdrawal] and [a WF in] the symbol F in those which he is failing. If he withdraws from a clinical course [with a WF] while failing he may [repeat] re-enroll for the course only once.

15. Add new section (Page 39):

RESIDENCE REQUIREMENT

To receive the Bachelor of Science Degree in Nursing, a student must complete in residence the last 36 hours of the nursing major at the upper division level in The University of Texas System School of Nursing.

16. Amend as indicated below section entitled Correspondence Work by Resident Students (Page 39):

Not more than 9 hours required for the degree may be taken by correspondence. ~~[and/or extension.]~~

17. Add new section (Page 39):

RESERVATION OF WORK BY UNDERGRADUATES FOR GRADUATE CREDIT

Undergraduate students in The System School of Nursing may be admitted to graduate courses in nursing only in the last semester of the senior year and hours thus taken may not be counted toward the undergraduate degree in nursing.

Courses taken by undergraduate students which are to be reserved for graduate credit may be applied toward the graduate degree only after the student has been admitted to and is enrolled in the graduate program.

18. Amend as indicated below section entitled Credit By Examination (Page 39):

[Students who have a formal course or experience in the content area of a particular course are urged to seek credit toward the Bachelor of Science in Nursing degree in The University of Texas System School of Nursing by examination. These examinations are given according to schedules which vary from one campus to another.] In keeping with the School's stated philosophy of learning, the faculty recognizes the many potential avenues for acquisition of the knowledge, attitudes, and skills which are deemed appropriate for a baccalaureate nursing practitioner. Furthermore, the faculty believes that student experiences in formal educational endeavors should build on the student's present level of achievement in an effort to maximize enhancement of the "actualization of individual potential." Therefore, the faculty subscribes to the principle of validation of the candidate's competencies and the awarding of credit based upon satisfactory achievement on examinations. The candidate is thus allowed to matriculate into the curricular pattern at a level appropriate for his/her demonstrated level of achievement.

1. To petition for such an examination, an individual must have met all requirements for admission to upper division courses in the School of Nursing.
2. The ~~[student]~~ candidate should consult the Dean on the campus on which he plans to take the examination regarding applications, policies and scheduling.
3. A student may not take an examination for credit in a course which he has completed with either a passing or failing grade. ~~[He may, however, petition for an examination in a course in which he is currently enrolled.]~~
4. A student who is enrolled in the course must be in good standing in the course in order to take the examination.
5. A candidate for "credit by examination" may obtain the course material which would be given to a student enrolling in the course.
6. A candidate for "credit by examination" will have access to any and all materials in campus learning centers, but will not receive tutoring by The University of Texas System School of Nursing faculty in preparation for the examination.
7. A candidate for "credit by examination" may audit any or all of the lecture portion of any course in The University of Texas System School of Nursing (subject to University audit fees).
8. A candidate for examination will be assigned a faculty advisor, teaching in the course to be challenged, whose function will be to clarify the intent of the examination and to provide feedback on the results.
9. A fee of \$25.00 will be assessed each candidate writing the examination.
10. Fifty-one semester credit hours can be awarded by "credit by examination."
11. Only after the student is registered in the degree program, ~~[credit]~~ will credit be granted for a grade of C or higher on the examination.
12. The student may elect to have the credit recorded as a "pass" or as the actual grade achieved. In the latter event, the grade is included in computing the cumulative grade point average. No notation appears on the permanent record when the examination is failed. ~~[These examinations may not be repeated.]~~
13. Credit earned by examination shall not reduce by a corresponding amount courses which may be taken on a pass-fail basis.
14. A candidate may not retake any examination on any level. ~~[Credit earned by examination may be applied to meet the requirement that a student complete in residence a minimum of 24 of the last 30 semester hours of the nursing major at the upper division level in The University of Texas System School of Nursing.]~~

19. Delete the following under Examinations (Page 40):

~~[Students are expected (a) to remain in the examination room during the examination or quiz periods; (b) to refrain from talking or smoking; and (c) to leave all notes and books where they will not be accessible during the examination or quiz unless otherwise directed by the instructor.]~~

20. Amend as indicated below section entitled Symbol X: Incomplete Class or Laboratory Work (Page 43):

6. ~~[The]~~ Incomplete work must be made up within four months after the symbol X is recorded, provided the student does not wish to progress immediately to the next course.

7. If a student wishes to enroll in the next required course, under special circumstances removal of an incomplete in the prerequisite to the succeeding nursing course may be delayed up to the 12th class day of the following semester providing that this action has been recommended by the faculty in the prerequisite course and approved by the faculty of the succeeding course. The conditions of this action will be given in writing to the student, as recommended by the faculty giving the grade of X.

[7] 8. Unless a grade has been reported in the meantime by the instructor or unless the work is made up within the time limit indicated, the symbol X shall be changed to a grade of F and the course must be repeated if credit for the work is desired.

9. Policies for incompletes for graduate students differ from those for undergraduates in that there is not a designated period of time within which a grade of incomplete must be removed from the record.

21. Delete the following section (Page 43):

[~~Effect-of-a-Semester-Grade-of-F~~
~~In-most-year-courses-a-student-may-not-continue-after-receiving-a-grade-of-F-in-the-first-half~~]

22. Amend as indicated below section entitled Student Employment (Page 44):

A student's combined employment and semester-hour load should not exceed 40 hours per week in either long-session semesters or summer terms.

[~~Exceptions-may-be-approved-by-the-Dean~~] Students may be employed as nursing aides, performing functions for which they have been trained by the institution and for which the institution has a clearly discernible policy either in writing or by precedent, defining the scope of these functions. Any individual not licensed in the State of Texas to practice professional nursing, and who engages in such practice, is doing so illegally and may be prosecuted accordingly. Supervision by a professional, licensed nurse does not provide protection to the student or make the student's actions legal.

Students should be aware that 1) the School of Nursing assumes no responsibility for their activities as an employee of an agency; 2) they are personally responsible and liable for any activity they participate in while employed; 3) professional liability insurance purchased by students through the School of Nursing is only valid in their student role, not their employment role; 4) individuals who practice illegally may jeopardize their future since persons who are convicted of violation of the Nurse Practice Act may not be eligible to write State Board examinations and subsequently receive licensure.

Students employed in an agency have responsibility, personally and professionally, to engage in only those activities which fall within their job description as nonprofessional workers (i.e. aides). They have a responsibility to refuse to participate in activities which they have not been legally licensed to perform (i.e. giving medications, assuming total responsibility for a division, etc.).

23. Amend title of section entitled Commencement Exercises (Page 45):

[~~Commencement-Exercises~~] Convocations

24. Amend as indicated below section entitled Bachelor of Science in Nursing Philosophy (Page 46):

The University of Texas System School of Nursing, an integral part of The University of Texas System, [~~has-the-obligation-to-promote~~] believes in the promotion and support of excellence in professional nursing through teaching, research, and public service.

Individuals are unique and complex beings with biological psychological and sociological needs and methods of communication. Their development is determined by the interaction of genetic and cultural background and their total environment. People have inherent dignity and worth and the right and responsibility to actively participate, as they are able, in making decisions which affect their state of health.

Optimum health care is the right of every individual and is provided through the cooperative efforts of a wide range of professionals and disciplines. Nursing, which evolves its practice in response to societal needs, is one of the interdependent helping professions committed to the prevention of illness and promotion of health.

Professional nursing practice involves assessing health needs, and planning, providing, [administering] directing, and evaluating nursing care for individuals and groups in a variety of settings. It is a [deliberative; interactive] scientifically-based process devoted to helping individuals, families, and groups make maximum use of their [internal-and-environmental] resources in meeting their respective health needs. It further incorporates the individualities of [practitioner] nurse and patient/client and is most effective when the thoughts, feelings, and values of both are recognized; therefore, a high degree of communication skill [keen-sense-perception] and sensitivity [to-behavioral-exe] in interpersonal situations is required. The obligation to improve nursing practice encompasses [the-acquisition; utilization;-augmentation-and-promotion] the use of knowledge and skills [and] as well as the systematic study of the effects of this practice on human health.

Undergraduate education in nursing, which provides a foundation for continuing personal, [and] professional and educational development [and-for graduate-study;-derives-from-a-broad-educational-base-in] includes study of the arts, sciences, and humanities. [Learning-experiences-begin-at-the-lower-division-and-provide-the-student-with-a-view-of-man-as-a-holistic-being through-study-of-the-arts,-sciences,-and-humanities.-The-nursing-major-begins-in-the-upper-division-and-brings-holistic-man-into-focus-in-a-dynamic-nurse-client-interactive-bio-psycho-social-linguistic-process.-The-student-is encouraged-to-pursue-personal-interests-and-career-goals-through-individual choice-of-electives-in-both-lower--and-upper-division.-Nursing-electives (or-independent-study)-provide-an-opportunity-for-students-to-explore-special interests-beyond-the-requirements-in-nursing.] The baccalaureate program is designed to produce a competent, self-directed, general nurse practitioner, who, in a variety of settings [exerts] can assume leadership in planning, providing, and evaluating nursing care of individuals and groups; who participates in the determination of the goals of the nursing profession; and who actively searches for knowledge in nursing and related fields essential to the [evolution] development and application of nursing science.

The faculty believes that learning is a life long process which is independent and self-initiated and [which-is-manifested] results in a change or reorganization of behavior. The teaching-learning process [should-include] includes [opportunity-for] teacher-student interaction in setting goals, selecting and evaluating learning experiences, and in appraising instructional methods and student progress. Learning experiences [should-be] are planned to achieve intergration, sequence, and continuity of the knowledges, skills, and attitudes defined by the educational objectives.

The School is dedicated to the proposition of equal educational opportunity for all. The faculty believes that each student [as-a-bio-psycho-social-linguistic-being;-has-individual-attributes] has dignity and worth [Recognizing-that-the-student-brings-with-him] and a background and experiences which are unique [the-faculty-believes-that] . The student shares [with-them] in the responsibility for creating an educational climate which reflects democratic values, fosters intellectual inquiry and creativity, and encourages [actualization-of] the development of each individual's potential. [The-school-is-dedicated-to-the-proposition-of-equal-educational opportunity-for-all.]

25. Replace as indicated below section entitled Objectives of the Bachelor of Science in Nursing (Page 47):

[Objectives-of-the-Bachelor-of-Science-in-Nursing

On-completion-of-the-upper-division-educational-experiences-in-nursing; the-student:

- 1.--Evaluates-his-own-nursing-process-using-BPSL-theory-in-meeting-health needs-of-individuals;-families-and-groups.
- 2.--Evaluates-utilization-of-theories-and-models-from-the-natural sciences;-behavioral-sciences-and-humanities-in-relation-to-the-nursing process-for-individuals;-families-and-groups.
- 3.--Evaluates-utilization-of-theories-and-models-from-natural-sciences; behavioral-sciences-and-humanities-which-relate-to-BPSL-theory.
- 4.--Analyses-use-of-scientific-methods-of-inquiry-in-gaining-and applying-knowledge-to-the-nursing-care-of-individuals;-families-and-groups.
- 5.--Compares-teaching-learning-theories-as-to-effectiveness-in-nursing practice-for-individuals;-families;-and-groups.

- 6. --Evaluates own role as a professional person in nursing.
- 7. --Evaluates own progress in self-development.
- 8. --Evaluates effectiveness of management principles when applied to nursing care of individuals, families, and groups.
- 9. --Evaluates relationship of pathological processes creating disequilibrium in functional and/or structural integrity and their effect on nursing care of individuals, families, and groups.
- 10. --Consistently acts to further professional development.]

The Baccalaureate Graduate

The educational program prepares a graduate with the following characteristics:

I. Beliefs and Knowledge

- A. People are biological, psychological, and sociological beings unique in nature who through their behaviors are constantly adapting to their internal and external environment.
- B. Professional nursing is a deliberative process of interacting with individuals, groups or families for the expressed purpose of identifying needs and then assisting the individual, families or groups to meet these needs.
- C. Professional nurses identify normal stages of development and states of health, with variations from normal in both, as a basis for nursing intervention.
- D. Professional nurses are knowledgeable about common disease processes and disorders, special needs of individuals with these diseases and disorders, and specific nursing intervention, including skills and techniques, directed toward assisting individuals to meet these needs.
- E. Professional nursing utilizes theoretical and empirical knowledge from the physical and behavioral sciences and the humanities as a source of making decisions relative to the nursing care delivered to individuals, families and groups.
- F. Professional nursing utilizes scientific methods of inquiry; i.e., epidemiology, nursing process, research.
- G. The health care delivery system is an integral part of the total society. Professional nursing functions within this framework, and therefore is influenced by social and scientific trends.

II. Application of Knowledge Base to Patient/Client Care

Under supervision the new graduate is able to practice nursing in a variety of settings with individuals, families, and groups, using the following skills:

A. Assessment

- 1. Uses interviewing skills to obtain nursing history and to determine the needs of individuals, families, groups and communities.
- 2. Uses observational skills to identify signs of wellness and illness and to determine needs for care and teaching in the areas of promotion of wellness and prevention of illness, support and treatment during wellness and/or disease and rehabilitation.
- 3. Uses physical evaluation skills to assist in determining the state of health of the individual.

B. Planning

- 1. Develops nursing plan for care and teaching.
- 2. Collaborates, coordinates, and consults with other health professionals.
- 3. Sets priorities based on patient-client needs.
- 4. Assists patients, clients, and families in setting goals.

C. Implementation

- 1. Participates in providing care as a member of a health team.
- 2. Assumes responsibility for performing nursing functions.
- 3. Implements care and teaching according to previously set goals.
- 4. Performs nursing skills consistent with safe practice in generalized settings (as opposed to specialized settings).
- 5. Manages care of groups of patients using a variety of personnel and resources.
- 6. Maintains accurate and informative records.

D. Evaluation

1. Evaluates care and teaching given according to previously set goals and accepted professional standards.
2. Assesses effective use of the health care delivery system.
3. Continues care to assist individuals and families to achieve and maintain health goals with appropriate referrals.

III. Professional Practice

The new graduate is expected to:

- A. Accept responsibility for continued personal and professional growth.
- B. Exhibit an awareness of present and emerging roles of the professional nurse with regard to past trends, current practice and future directions.
- C. Demonstrate a sense of responsibility in relation to contemporary, social and health issues.
- D. Practice nursing within a framework of legal, ethical and professional standards.

26. Amend as indicated below section entitled Prescribed Work (Page 48):

Natural Sciences	Hours
Anatomy and Physiology	3
Microbiology	3
<u>Chemistry</u>	<u>3</u> ¹
Electives	6
	<u>[12]</u>
	<u>15</u>
Other	
History and Government	12 ²
Statistics	3
English	6
<u>Nutrition</u>	<u>3</u>
	<u>[21]</u>
	<u>24</u>
Free electives	<u>[18]</u>
	<u>12</u> ³

[²Chemistry-is-recommended-if-not-taken-in-high-school.]

[³] ² House Bill 935, passed by the Sixtieth Legislature, provides that no person may receive an undergraduate degree unless he has taken and passed six semester hours in American government and six semester hours in United States history. No more than three semester hours of credit by advanced standing examination in government and three in history may be used to satisfy this requirement.

[⁴] ³ Only university-parallel courses taken in an accredited college or university may be accepted as free electives. Neither nursing nor required physical education courses may be accepted as free electives. [~~Normal nutrition-is-recommended-as-one-of-the-elective-courses.~~]

[⁵] ⁴ A minimum of three elective hours must be in nursing.

27. Delete course descriptions as indicated below listed under Undergraduate Course Descriptions (Page 49):

[~~620--Studies-in-Nursing--Topics-in-specialized-areas-of-nursing. Registration-may-be-repeated-with-varied-topics--Prerequisite--Junior-or-senior-standing-and-consent-of-instructor--Six-semester-hours--~~

~~621--Studies-in-Nursing--Topics-in-specialized-areas-of-nursing. Registration-may-be-repeated-with-varied-topics--Prerequisite--Junior-or-senior-standing-and-consent-of-instructor--Six-semester-hours.]~~

28. Amend as indicated below section entitled Undergraduate Course Descriptions (Page 49):

N. 730, 831. Nursing Process: Care of Well Individuals (Minor threat, minor disequilibrium to dynamic equilibrium)

These two [~~course-must-be-taken-concurrently~~] numbers reflect one course. The focus is on the [~~bio-psyche-social-linguistic-behaviors~~] biological, psychological, social and linguistic components of the behavior of [man] individuals as indicators of [his] their level of wellness. The clients/

patients with whom the student deals are individuals seeking or requiring minimal assistance in seeking health care resources; are self-sufficient or require minimal assistance in providing for their physical and emotional health; have insight into health care problems and request assistance of health care professionals. The individuals and their significant others have the ability to adapt, enjoy the present, and plan for the future. Individuals can use previous modes of health care problem-solving to maintain and promote health.

Student [behaviors] learning experiences include [learning-to-assess] assessing and [care] caring for the client/patient through a deliberative interactive process and assisting the individual and his family in health care decision-making with the resources available.

[Concepts-and-processes-basic-to-professional-nursing-are-introduced.] Students, with faculty assistance, begin examining: the concept of wellness; the characteristics of healthy patterns of living along the age continuum using nursing process, communication skills and physical assessment skills acquired during the course; and application of same in the client/patient situation. Also [a-systematic-approach-to-nursing-and] beginning concepts of professionalism in nursing are introduced. Prerequisite: 60 hours of required lower division courses. Nine lecture and eighteen laboratory hours [a] average per week per semester.*⁵ Fifteen semester hours. Laboratory fee \$8.

N.635, 636. Nursing of Individuals and Families with Minor Health Problems (Minor threat, minor disequilibrium)

These two [courses-must-be-taken-concurrently] numbers reflect one course. The focus is on the nursing process as utilized in the care of selected individuals and families experiencing minor disruptions in their health status. The individuals and families with whom the student deals [are-individuals-and-families-requiring] require assistance in seeking health care, and require deliberative nursing intervention in regaining physically and emotionally healthy living patterns. Disruption to normal individual and family-significant others due to impairment of health is temporary and self-limiting; some adjustments to usual patterns of living and life style and life space are required by those with whom the student works.

Student learning experiences include: examining the ill individual in light of his relationships with family and other groups and deviations from healthy living patterns along the age continuum; recognizing and demonstrating needs for health teaching of the individual and family to regain some, if not all, healthy patterns of living; and applying same in patient care settings. Also the student identifies pertinent research studies and, with assistance, applies findings to patient care situations. Prerequisite: Nursing 730 and 831. Six lecture and eighteen laboratory hours [a] average per week per semester.*⁶ Twelve semester hours. Laboratory fee \$8.

N640, 641. Nursing Intervention in Major Health Problems (Major threat, major disequilibrium)

These two [courses-must-be-taken-concurrently] numbers reflect one course. The focus is on the [implementation-of-the] nursing process [in relation-to] as utilized in the care of selected individuals, families, and groups experiencing health alterations resulting in major problems for that individual, family or group. The clients/patients with whom the student deals are individuals, families, or groups having limited ability or total dependence in decision-making regarding seeking health care; require intervention and observation by another to sustain life or promote a comfortable death. The individual, family or group is unable to cope with additional stresses imposed at a given point in time and/or resources available to the individual, family or group are inadequate to meet the needs of the individual, family or group. Distortion and confusion of individual, family, or group roles and relationships occurs.

Student learning experiences include: recognizing and acting upon acquired knowledge in pathology; utilizing the communication skills necessary in potential and real life-threatening situations with individuals, families, and groups; examining the influences of major health problems on roles and relationships within the family; and applying nursing skills in a crisis-producing situation in the patient care setting. Also the student reviews research studies in nursing [are-reviewed] in terms of their relevance to improvement of health care of individuals and groups. Various types of health care settings are studied in terms of their effect on nursing's contribution to health care. Prerequisite: Nursing [730-and-831] 635 and 636. Six lecture and eighteen laboratory hours [a] average per week per semester.*⁶ Twelve semester hours, Laboratory fee \$8.

N.645, 646. Nursing in Health Care Systems

(Minor threat, dynamic equilibrium to major threat, major disequilibrium)

~~These two [courses-must-be-taken-concurrently] numbers reflect one course.~~
The focus is on the nursing process involving interdisciplinary approaches to care and on leadership and innovative functions of the nurse. The student deals with individuals, families and groups located within the health care system who are dependent upon interaction of health professionals to promote or regain their former healthy status of living and interaction. [The health care system may be ineffective, inefficient, or unattainable to meet the needs of the individual, family, or group.]

Student learning experiences include: applying concepts of wellness and illness in a variety of health care systems; utilizing relationships among health professionals in order to restore more healthy patterns of living to individuals and families; analyzing existing health care systems and patterns of health [service] delivery [are analyzed] in terms of the changing needs of society; examining the health care issues with which professional nursing must become involved. Prerequisite: Nursing [635-and-636] 640 and 641. Six lecture and eighteen laboratory hours [a] average per week per semester.*⁶ Twelve semester hours. Laboratory fee \$8.

29. Add footnotes pertaining to section entitled Undergraduate Course Descriptions (Page 49):

⁵The nine lecture hours and eighteen laboratory hours are calculated on the basis of fifty minute clock hours. Nine lecture hours are equivalent to seven and one-half clock hours. Eighteen laboratory hours are equivalent to fifteen clock hours.

⁶The six lecture hours and eighteen laboratory hours are calculated on the basis of fifty minute clock hours. Six lecture hours are equivalent to five clock hours. Eighteen laboratory hours are equivalent to fifteen clock hours.

30. Amend course descriptions in section entitled Undergraduate Course Descriptions (Page 50):

N.147, 247, 347. Specialized Topics in Nursing.--Courses dealing with areas of special interest. Registration may be repeated with varied topics. Prerequisite: Junior standing and Nursing 730 and 831. One, two or three semester hours.

N.147A, 247A, 347A. These courses include those related to nursing in the broad practice area of Psychiatric-Mental Health Nursing and Human Relations as applied to Nursing. Courses focus on a variety of clients/patients and a variety of practice situations.

N.347A1. Group Dynamics. This course is directed toward helping students understand group dynamics as they relate to the process of socialization and the achievement of group goals. Seminars are devoted to discussion of theoretical concepts of group structure, group properties, and interactions in groups. Group participating sessions are directed toward helping students achieve an increased sensitivity to and acceptance of themselves and others in the human situation. Enrollment in the course is usually limited to 10-12 students. Prerequisite: N. 730-831. Two class hours and three laboratory hours average per week per semester. Three semester hours.

N.347A2. Crisis Intervention I. This course provides an opportunity to study crisis theory and to begin its application to real and potential crisis situations. The course includes introduction to crisis theory, therapeutic communication, crisis intervention techniques, and application of crisis theory. Prerequisites: N.730-831. Two class hours and three laboratory hours average per week per semester. Three semester hours.

N.347A3. Therapeutic Strategies for Mental Health. This course focuses on mental health concepts as applied to therapeutic strategies in one-to-one counseling. The specific strategies to be considered are: Client-centered Therapy, Reality Therapy, Gestalt Therapy, Transactional Analysis and Peplau's Basic Principles of Patient Counseling. Prerequisite: N.635-636 and consent of instructor. Two hours seminar and three hours laboratory average per week per semester. Three semester hours.

N347A4. Therapeutic Communications. This course is designed to provide for the continued development of the student's understanding of and skill in the use of communication as a therapeutic tool. Prerequisite: N.730-831. One class hour and six laboratory hours average per week per semester. Three semester hours.

N147B, N247B, N.347B. These courses include those related to nursing in the broad practice area of nursing of patients requiring surgical and/or medical intervention. Courses focus on a variety of types of patients and a wide range of practice situations.

N.347B1. Operating Room - Continuous Care Experience. This course is designed to provide clinical experience with patients who require surgical intervention. Focus is placed on the complete cycle of care: preoperative teaching, the intraoperative segment, and postoperative care. Prerequisite: N.635, 636 and consent of instructor. One class hour and six laboratory hours average per week per semester. Three semester hours.

N.347B2. Emergency Nursing. In this course, the focus is on the application of the nursing process to the care of patients experiencing medical or surgical emergencies, or traumatic injuries. Nursing problems related to selected emergency situations are studied in depth. Students assume responsibility for care of selected patients, and have the opportunity to utilize a variety of nursing skills. One class hour and six laboratory hours average per week per semester. Prerequisite: N.640-641 and consent of instructor. Three semester hours.

N.347B3. Care of the Chronically Ill. This course is designed to assist the student in analyzing the problems of the client/patient with selected chronic diseases. Using this information as a basis, the student will design, implement and evaluate nursing care of the client/patient. There will be involvement with nursing and health team members in assisting the client/patient and the family to better cope with manifestations of selected chronic health problems. Prerequisite: N.730-831. One class hour and six laboratory hours average per week per semester. Three semester hours.

N.147C, N.247C, N.347C. This topic area includes courses related to nursing in the broad practice area of Maternal/Parent-Child Nursing.

N.147D, N.247D, N.347D. This topic includes courses related to the broad areas of functional aspects of health care delivery from either a nursing or interdisciplinary health professions perspective.

N.347D1. Rural Health Nursing. The major emphasis for this course is health maintenance in the rural area. Through assessing health needs, possible solutions for rural health care are explored. A preceptor is required for the clinical portion, and the course is designed to meet individual student needs. Prerequisite: N.730-831. Nine laboratory hours average per week per semester. Three semester hours.

N.147E, N.247E, N.347E. This topic includes courses related to the broad areas of nursing in health promotion as differentiated from nursing in situations where there is an identified illness. The focus of these courses includes individuals and/or groups through the life cycle who are not subsumed by the maternal/parent child focus of topic 347.3.

N.347E1. Human Sexuality. This course focuses on the participants as persons and the development of an understanding and acceptance of their own sexuality and its role in satisfactory interaction. Rather than promoting one value system or moral stand, the students are encouraged to openly discuss their views and express their feelings in an atmosphere of trust. Biological, psychological and sociological aspects of sexuality are considered. Prerequisite: N.730-831. Three class hours average per week per semester. Three semester hours.

31. Amend as indicated below section entitled Graduate Program, subsection entitled Admission Requirements (Page 52):

The requirements for admission to the graduate program:

1. A minimum of baccalaureate degree in nursing. An applicant holding a baccalaureate degree in [another-field-may-qualify-by-successful-completion-of-special-examinations] a field other than nursing may qualify by passing the advanced standing examinations for each of the four required upper division courses in the UTSSN undergraduate curriculum.
2. A basic statistics course which must be completed prior to enrolling or during the first semester of graduate study.
3. [Licensure] Evidence of current licensure as a registered nurse.
4. A minimum average of B for all upper-division and graduate courses undertaken.
5. A satisfactory score on the Aptitude Test of the Graduate Record Examinations or on the Miller Analogies Test. Scores more than five years old will not be accepted.
6. Satisfactory academic and professional references.
7. Approval of the applicant by the Admissions Subcommittee of the Council on Graduate Education.

32. Add section following Conditional Admission (Page 53):

Doctoral Applicants With Baccalaureate and/or Masters Degrees in Fields Other Than Nursing

The student seeking the doctorate who holds a baccalaureate degree in nursing and a master's degree in another field shall be required as a condition of admission to satisfactorily complete Core I, Core II and at least three semester hours in a clinical nursing course.

The student seeking the doctorate who holds both the baccalaureate and master's degree in fields other than nursing shall be required as a condition of admission to pass the four advanced standing examinations for the required nursing courses in the baccalaureate program, and to satisfactorily complete Core I, Core II, and eight hours in a clinical area of his choice. These hours shall not be counted toward the 57 hours for the doctorate.

33. Add section following The Graduate Record Examinations Aptitude Test (Page 43):

The Miller Analogies Test

The M.A.T. may be taken as an alternative to the G.R.E. if applicants prefer. The test consists of 100 items stated in the form of analogies. An information booklet which lists the available testing centers can be obtained from The Psychological Corporation, 304 East 45th Street, New York, N.Y. 10017. Many university testing centers administer the M.A.T. frequently and scores are usually reported within two weeks.

34. Replace last statement of subsection entitled Admission to Doctoral Study in Nursing as follows (Page 54):

[It-is-expected-that-these-students-will-be-nearing-the-completion-of-a-minimum-of-24-credit-hours-of-graduate-study.] Students may take the examination when they are nearing completion of a minimum of 24 hours of graduate study (Master's level) or prior to the completion of a maximum of 18 hours of post-master's study.

35. Add statement as follows to section entitled Qualifying Examination, first paragraph (Page 54):

Content of the exam has relevance to the theory and practice of nursing in the health care system and social and ethical problems related to professional issues.

36. Add paragraph as follows to section entitled Qualifying Examination (Page 54):

When a student fails the Qualifying Examination and is allowed the option to re-take, he may continue to enroll in graduate courses but must retake the exam within one calendar year following notification of the option to retake and before the completion of a maximum total of twenty-seven (27) semester hours of post masters courses. If the examination is not retaken and successfully passed on his/her retake within the stated limit, the option to re-take is forfeited and the student may not continue.

37. Amend section entitled Degree Requirements for the Master of Science in Nursing as follows (Page 55):

The program leading to the Master of Science in Nursing degree is offered in three regular semesters. While selected graduate courses may be offered during summer sessions, students should not anticipate completing the program in less than three regular semesters of full time study. The curriculum is organized into five areas: (1) core courses, (2) research, (3) specialized clinical content courses, (4) functional content courses in teaching, administration, or clinical specialization, and (5) electives. The student may complete a clinical and/or functional ~~[major]~~ concentration or he may elect a general program meeting the minimum requirements for the degree.

For this degree, a minimum of 36 semester hours of upper-division and graduate courses are required, including at least 18 semester hours taken in the School of Nursing, six of which may be for thesis. The maximum number of semester hours of upper-division level course work which may be included is nine. Completion of from two to three courses (8-9 semester hours) in a selected clinical area constitutes a clinical ~~[major]~~ concentration, and completion of two courses (6-8 semester hours) in a functional area constitutes a functional ~~[major]~~ concentration. Clinical areas offered include medical-surgical, psychiatric, and ~~[maternity]~~ maternal/parent-child health nursing. Elective courses may be taken outside the School of Nursing.

38. Replace section entitled Transfer of Credit as follows (Page 55):

Transfer of Credit

~~[A student may transfer from institutions outside The University of Texas System a maximum of six semester hours of credit for approved graduate courses counted toward the Master of Science in Nursing. The decision regarding the transfer of credit by individual students will be made by the Council on Graduate Education. The transfer of credit will be authorized only after the student is enrolled in the master's program at The University of Texas System School of Nursing. Courses in which a grade of C has been earned will not be authorized for transfer.]~~

All academic work for a graduate degree is usually completed within the University of Texas System. However, a student may transfer from accredited institutions outside the System, a maximum of six (6) semester hours of graduate credit applicable to a course of study leading toward a graduate degree. Additional general education graduate courses may be transferred from other accredited institutions upon the approval of the Council on Graduate Education, with the number not to exceed an additional six hours for each degree.

For the approval of transfer of credit:

1. The student must be enrolled in the University of Texas System School of Nursing.
2. The enrolled student must submit:
 - a. title and number of course(s) to be considered
 - b. official catalogue containing the course title(s), number(s) and course description(s)
 - c. rationale for taking the course(s)
 - d. reason for requesting the waiver.
3. Course credits under consideration must be a part of a planned program of study approved by the Council on Graduate Education.

All courses must have been completed no more than six years before the degree is awarded. Courses in which a grade of 'C' or less has been earned will not be authorized for transfer.

39. Add section following Transfer of Credit (Page 56):

Courses Taken In Other U.T. Institutions

All students who have been admitted to the University of Texas System School of Nursing (UTSSN) Graduate Program and plan to take courses applicable to a nursing degree in a University of Texas component other than the System School of Nursing must obtain approval from a UTSSN campus advisor prior to taking such courses and supply a transcript to the Graduate Admissions Office immediately upon completion of the course(s).

40. Replace section entitled Time Limits as follows (Page 56):

Time Limits

~~[All requirements for a master's degree must be completed within one six year period. Work over six years old is lost and can be reinstated only upon recommendation of the Council on Graduate Education.]~~

The requirements for a single graduate degree must be completed within five years. The requirements for the combined master's and doctoral degrees from the UTSSN must be completed within eight years.

41. Amend section entitled Degree Requirements for the Doctor of Philosophy in Nursing (Page 56):

A minimum of 57 semester hours beyond the master's degree is required. The basic plan as described below will be followed by all students:

- A. Core program--24 semester hours required of all students

	Semester Hours
Nursing--General	6
N 380K	
N 380L	
Research	12
N 397K	
Methodology (two courses [] from those listed under N397L)	
Advanced Statistics (one course [] , a course which includes an indepth study of at least one of the following topics: <u>correlational methods or multivariate methods, or non-parametric methods.</u>)	
Health Programs Planning and Implementation	6

42. Delete section entitled Enrollment in Graduate Courses Without Admission to Graduate Program (Page 56):

~~[Enrollment-in-Graduate-Courses-Without-Admission-to-Graduate-Program~~

~~A student who does not wish to enter the graduate program or who has been denied admission may seek permission to register as a special student in the System School of Nursing. As a special student he is eligible to take any course for which he has the prerequisites, including graduate level courses, provided he has the approval of the instructor and the graduate adviser. An individual will not receive credit toward a graduate degree for courses taken while registered as a special student.~~

~~Students who are fully eligible for admission to the graduate program, but who wish to pursue courses without becoming candidates for advanced degrees may register in the System School of Nursing in a "not-a-degree candidate" status.]~~

43. Delete the following section (Page 57):

~~[Reservation-of-Work-by-Undergraduates-for-Graduate-Credit~~

~~Courses taken by undergraduate students which are to be reserved for graduate credit may be applied toward the graduate degree only after the student has been admitted to and is enrolled in the graduate program.]~~

44. Amend section entitled Grades and Grade-Point Average as follows (Page 58):

Grades and Grade-Point Average

A maximum of six semester hours of the electives [within the program] applicable to each graduate degree may be taken on a credit-no credit basis and/or pass-fail basis. If the course is taken on credit-no credit basis and is passed, the symbol 'CR' will appear on the transcript. If failed, no notation will appear on the transcript. Courses taken on a credit-no credit basis are not computed in the grade-point average. If the course is taken on a pass-fail basis and is passed, the symbol P will appear on the transcript, but is not computed in the grade-point average; if failed, the symbol F appears on the transcript and is computed as a zero (0) in the grade-point average.

45. Add section as follows (Page 58):

Important Dates

	<u>Fall 1975</u>	<u>Spring 1976</u>	<u>Summer 1976</u>
<u>Deadline for completed applications for graduate program</u>	<u>August 1</u>	<u>December 12</u>	<u>May 3</u>
<u>Deadline for graduating M.S.N. and Ph.D. student to submit diploma name card, transcript and application for candidacy to student office</u>	<u>October 1</u>	<u>February 2</u>	<u>July 23</u>
<u>Last day for doctoral students to submit application to take qualifying examination</u>	<u>October 3</u>	<u>March 1</u>	

Important Dates (continued)

	<u>Fall 1975</u>	<u>Spring 1976</u>	<u>Summer 1976</u>
<u>Doctoral Qualifying Examination</u>	<u>November 3-4</u>	<u>March 29-30</u>	
<u>Last day to submit thesis or dissertation</u>	<u>December 5</u>	<u>April 16</u>	<u>July 30</u>

46. Amend section entitled Graduate Course Descriptions as follows (Page 58):

Advanced courses are considered doctoral level.

280. Core III. Professional Nursing--Influences and Issues.--Provides a forum for exploration and evaluation of concerns germane to contemporary nursing. Prerequisite: Graduate standing. Required of all Master's students. May be taken concurrently with Nursing 480K or Nursing 480L. Two seminar hours [a] per week. Two semester hours.

380K. Issues and Problems.--Assessment of current issues and problems in relation to meeting health needs on all levels, their relevance to current nursing theories, the need for new theories in nursing, and the development and evaluation of nursing programs to meet health needs of society. Prerequisite: Graduate standing and consent of instructor. Required of all doctoral students. Three class hours [a] per week. Three semester hours.

380L. Theory Development in Nursing.--Introduction to the nature of scientific explanation and inquiry. Critique of theoretical conceptualization in nursing. Examination of strategies for theory development. Analysis of the role of theory in nursing as a practice discipline. Prerequisite: Graduate standing and consent of instructor. Required of all doctoral students. Three class hours [a] per week. Three semester hours.

380M. Historical and Philosophical Study of Nursing.

Topic 1, Philosophical Aspects of Nursing.--Introduction to the analysis of nursing language: [~~applying-definitional-criteria~~] defining terms, detecting logical fallacies, analyzing meanings, and recognizing descriptive and normative aspects of judgments. Prerequisite: Graduate standing and consent of instructor. Three class hours [a] per week. Three semester hours.

Topic 3, Philosophy of Nursing Theory.--Advanced seminar in [~~applying-~~] philosophical [~~approaches-to~~] aspects of nursing theory. Prerequisite: Graduate standing, N. 380L, and consent of instructor. Three class hours [a] per week. Three semester hours.

480K. Core I. Theoretical Foundations of Nursing Process.--Relates philosophical and theoretical base to concepts and operations inherent in nursing process. Considers theories from the behavioral, natural and applied sciences with the aim of synthesis in the development and application of nursing process. Prerequisite: Graduate standing. Required of all master's students. Three class hours and three practicum hours [a] per week. Four semester hours.

480L. Core II. Nursing Process in Clinical Situations.--Focuses on critical analysis of nursing process with selected patients. Expands and strengthens concepts and operations in the nursing process through systematic inquiry. Students choose patients for care and content of the course arises from both theory and the nursing situation presented by the patients selected. Prerequisite: Graduate standing and Nursing 480K. Required of all master's students. Two class hours and six laboratory hours [a] per week. Four semester hours.

381M. Adult Health Nursing.

Topic 1, Seminar in Adult Health Nursing.--Advanced seminar focusing on implementation of approaches aimed at solution of problems in the care of adults through the use of consultation, interdisciplinary collaboration, and community, regional, or national action. Prerequisite: Graduate standing and consent of instructor. Three class hours [a] per week. Three semester hours.

Topic 2, Special Problems of Adult Health.--Advanced seminar may be repeated as subjects vary. Prerequisite: Graduate standing and consent of instructor. Class and/or practicum hours to be arranged. Three semester hours.

Topic 3, Special Health Problems in Aging.--Advanced course focusing on research findings and clinical data applied to [~~bio-psycho-social-linguistic alterations-in-the-systems-of-men~~] the biological, psychological, social and linguistic alterations in individuals occurring with aging. Fieldwork with aging patients in a variety of settings--hospitals, extended care facilities, old age homes, retirements communities. Prerequisite: Graduate standing and consent of instructor. Class and/or practicum hours to be arranged. Three semester hours.

Topic 4, Comparative Health Care of the Aged.--Advanced course focusing on analysis of approaches to care for aged in different regions of the U.S. and in other countries. Effects of socio-economic level, cultural background, and technological and developing economies upon care of the elderly, including innovations in gerontological nursing. Identification of resources needed to effect change in health care of the aged. Prerequisite: Graduate standing and consent of instructor. Class and/or practicum hours to be arranged. Three semester hours.

383L. Seminar in Curriculum and Teaching in Nursing Education.--Advanced seminar focusing on study of problems and issues in curriculum and teaching relevant to content, organization, and planning in nursing programs in colleges and universities. Prerequisite: Graduate standing and consent of instructor. Three class hours [a] per week. Three semester hours.

383M. Seminar on Health Teaching.--Advanced seminar focusing on analysis of relevant literature and clinical data pertinent to patient teaching. Study of educational methodologies appropriate for health teaching of individuals and groups of patients. Design and execution of small research study relevant to a particular problem in patient teaching. Prerequisite: Graduate standing and consent of instructor. Three class hours [a] per week. Three semester hours.

383N. Aspects of Instructional Technology.--Designed to give the learner a broad perspective of areas of instructional technology as they relate to the health science area. Topics: Overview of instructional technology, research related to instructional technology, selection and utilization of media in nursing curricula, evaluation of learning materials, management of media centers (selecting equipment, space utilization, simulation laboratory set up, library functions). Prerequisite: Two graduate courses in Curriculum and Instruction. (Open to both masters and doctoral level students.) Three class hours per week. Three semester hours.

383P. Instructional Technology: Basic Skills.--Basic production techniques of projected and nonprojected audio visual materials including transparencies, slides, audiotapes, video tapes and graphics as well as operation of audio visual equipment. (Open to both masters and doctoral level students.) Three class hours per week. Three semester hours.

383Q. Instructional Technology: Advanced Instructional Materials Production.--Development of skills in the design and production of video tapes, audiotapes, and tape-slide combinations in instructional packages applicable to nursing care situations. Prerequisite: 383P. Three class hours per week. Three semester hours.

383R. Clinical Simulation.--Application of varied media techniques in planning, developing, implementing and evaluating learning experiences of a clinical nursing nature in the simulated laboratory. Development of learning experiences at all levels within the nursing curriculum including clinical skills, nurse-patient clinical situations, nurse-patient interactions, and management skills. Prerequisites: 383N, 383P, 383Q and a course in evaluation methods. Three class hours per week. Three semester hours.

383S. Instructional Design and Development.--Designing, planning and producing mediated instructional modules as they relate to the nursing curriculum (writing objectives, sequencing instruction, producing materials, implementing the program and evaluating program effectiveness). Prerequisites: 383N, 383P, 383Q and a course in evaluation methods or consent of instructor. Primarily for doctoral students. Three class hours per week. Three semester hours.

385J. Psychiatric--Mental Health Nursing.

Topic 1, Motivational Problems Related to Illness and Therapy.--Advanced study of motivational factors relating to a) progression or retardation of psychopathology and b) enhancement or hindrance of therapy. Practicum directed toward operationalizing nursing therapy in relation to motivational support. Prerequisite: Graduate standing, [and] consent of instructor, N.385K and N.385L or equivalents. Class and/or practicum hours to be arranged. Three semester hours.

Topic 2, Individual Therapy Adaptations to Group and Systems Therapy.--Advanced practice development focused on applying principles and techniques of individual therapy to varied groups and systems. Prerequisite: Graduate standing, [and] consent of instructor, N.385K and N.385L or equivalents. Class and/or practicum hours to be arranged. Three semester hours.

Topic 3, Milieu Therapy.--Advanced theory building and practice development directed toward operationalizing therapy principles to routine nursing care. Prerequisite: Graduate standing, [and] consent of instructor and N.385K and N.385L or equivalents. Class and practicum hours to be arranged. Three semester hours.

Topic 4, Nursing Therapy Development from Non-Sullivanian Theories.--Advanced study and practice development directed toward making operational nursing therapies from behavioral theories comparable to those of Sullivan. Prerequisite: Graduate standing, [and] consent of instructor, N. 385K, N.385L and Ed.P.381 at U.T. Austin, presently entitled Theories of Counseling and Psychotherapy or equivalents. Ed.P.381.8 may be taken concurrently.

Topic 5, Preventive Psychiatric--Mental Health Nursing.--Advanced development of direct prevention or intervention techniques to minimize the production of psychopathology. Prerequisite: Graduate standing, [and] consent of instructor, N.385K and N.385L or equivalents. Class and/or practicum hours to be arranged. Three semester hours.

385L. Nursing Therapy for Groups and Families.--Theory and Clinical practice relating to psychiatric groups and families including a patient member. Prerequisite: Graduate standing and Nursing 385K, or may be taken concurrently with N.385K. One [lecture] class and [eight] six laboratory hours [a] per week. Three semester hours.

386J. Leadership Roles in Nursing.

Courses may be repeated as topic varies. [The-practicum-is-not-required.]

Topic 2, Administration of Patient Service Agencies.--Advanced course focusing on study of the development of health care systems. Designed to meet the needs and career goals of the individual student. Prerequisite: Graduate standing and graduate level preparation in nursing administration or consent of instructor. Three class hours [a] per week. Three semester hours.

390. Community Mental Health Nursing.--Designed to acquaint the graduate student with community mental health and to assist the student in defining the role of nursing in the mental health movement. Prerequisite: Graduate standing. Nursing 385K [or] and consent of instructor. One and one-half lecture and five laboratory hours [a] per week. Three semester hours.

390K. Community Health Nursing.

Topic 1, Seminar on Social Issues Related to Health Care.--Advanced seminar may be repeated as subjects vary. Prerequisite: Graduate standing and consent of instructor. Three class hours [a] per week. Three semester hours.

Topic 2, Comparative Health Care Delivery Systems.--Advanced course focusing on an analysis of the health care delivery systems of different nations, their origins, assets, deficits, and their effects upon the level of health care. The role of nursing in these systems. Prerequisite: Graduate standing and consent of instructor. Three class hours [a] per week. Three semester hours.

Topic 3, Seminar on International Health Problems.--Advanced seminar focusing on major international health problems including those of both economically developed and developing countries. The role of national and international agencies, such as U.N. and W.H.O. [A-F-D.] Field work with a national or international agency if possible. Prerequisite: Graduate standing and consent of instructor. Class and/or practicum hours to be arranged. Three semester hours.

391. Nursing Intervention in Alcoholism and Other Drug Addictions.-- To assist the graduate student to gain knowledges and skills relevant to case finding, referral, and treatment of alcoholism and other addictions. Prerequisite: Graduate standing. Nursing 385K [or] and consent of instructor. One and one-half [~~lecture~~] class and five laboratory hours [a] per week. Three semester hours.

392K. Overview of Maternal[Child] /Parent-Child Health.--Readings, discussion, and selected experiences designed to provide a broad understanding of the field of maternal child health. Prerequisite: Graduate standing or consent of instructor. Two class and three laboratory hours [a] per week. Three semester hours.

392L. Theoretical Aspects of [Maternity] Maternal/Parent-Child Nursing.-- Seminar on the physiological and psychological bases of reproduction and parenting. May be repeated as topics vary. Prerequisite: Graduate standing and Nursing 392K or consent of instructor. One and one-half seminar and four and one-half laboratory hours per week. Three semester hours.

392M. Community Aspects of [Maternity-Nursing] Maternal/Parent-Child Health.--Seminar and experiences in the assessment, planning, delivery, and evaluation of community health services to maternity clients. Prerequisite: Graduate standing, Nursing 392K, or consent of instructor. One and one-half seminar and four and one-half laboratory hours per week. Three semester hours.

392N. Special Problems in Maternal/Parent-Child Health Care.--The purpose of this course is to offer an opportunity for students to study in-depth a selected aspect of parent child health care. Students may choose to work intensively with clients with a special need or they may choose to concentrate on a particular aspect of the nurse role. Examples of areas of study are maternal intensive care, nutritional problems of the pregnant woman, mental health of adolescents, children with cardiac problems, program planning for maternal-parent-child care, etc. Prerequisite: N.393K or consent of instructor. Two class hours per week and six laboratory hours per week. Four semester hours.

393K. [Parent-Education:] Maternal/Parent-Child Health Care Topics Seminar and experience in assessment, planning, implementation and evaluation of parent education, including critical review of resource materials. Readings, discussion and selected experiences designed to provide a physiological, psychological, and sociological basis for nursing practice in the areas of reproduction, parenting and child health. May be repeated as topics vary. Prerequisite: Graduate standing and Nursing 392K or consent of instructor. One and one-half [seminar] class hours and four and one-half laboratory hours per week. Three semester hours.

Topic 1, Health Promotion and Maintenance of Expectant Family.--Analysis of theories and concepts basic to promoting and maintaining high level wellness for families experiencing a first or subsequent pregnancy. Special attention is given to the interrelationships between preconceptual health, intergestational health status and their influence upon human reproduction and its outcome, as well as on health maintenance routines.

Topic 2, Maternal Intensive Care.--Analysis of the conceptual and theoretical bases for nursing management of the expectant family at risk with emphasis on knowledge and skill necessary to provide intensive nursing care to woman experiencing complications arising from or aggravated by her pregnancy.

Topic 3, Neonatal Intensive Care.--Analysis of the theoretical and conceptual foundations for nursing management of the newborn infant as a new member of a family. Emphasis is on the acquisition of knowledge and skill necessary to provide intensive nursing care to the neonate at risk, based on his holistic responses to stressors from parental, fetal and environmental origins.

Topic 4, Nursing of Children with Acute or Chronic Illness.--Survey of the basic concepts of the nature of illness; the perception of illness and hospitalization held by the health professional, the child, his family, and community; comparison of the concept of wellness and deviation from wellness; physiological, psychological, and sociological aspects of a child who is ill; and nursing assessment and intervention with selected clients.

Topic 5, Child Health in the Family Setting.--This course considers the planning and management of health care for children in the context of their family setting. Content will include family dynamics, theory on behavior change, planning theory, assessment of coping abilities of families, and study of the role of various community agencies in providing health care to the child in the family setting.

Topic 6, Nursing in School Health.--This course is designed to aid students in developing expertise in the assessment of health needs of school-age children and in nursing intervention within the scope of the school health program. Consideration is given to current issues and trends in school health; administrative patterns and policies; consultation with school, health agency, and community personnel; and health counseling with individuals, groups of students, and families. Studies relevant to school health are examined and opportunity is provided for student participation in research or the application of research findings.

Topic 7, Parent Education.--Seminar and experience in assessment, planning, implementation and evaluation of parent education, including critical review of resource materials.

393M. [~~Maternal-Child-Nursing.~~] Maternal/Parent-Child Nursing.

Topic 1, Seminar on Parenthood and Family Life.--Advanced seminar on theory and research related to parenthood and family life. May be repeated as topics vary. Prerequisite: Graduate standing and consent of instructor. Class and/or laboratory hours to be arranged. Three semester hours.

Topic 2, Seminar in Child Health Nursing.--Focus is on implementation of approaches aimed at solution of problems in the care of children through the use of consultation, interdisciplinary collaboration, and community, regional, or national action. Prerequisite: Graduate standing and consent of instructor. Primarily for doctoral students. Three class hours [a] per week. Three semester hours.

Topic 3, Child Health Nursing in Other Cultures.--Study of the care of children in different cultural environments. Individual research projects will be required, based upon the medical problems in such environments and the plan for nursing intervention. Special attention will focus upon biological, cognitive, and social management of relationships with the environment. Prerequisite: Graduate standing and consent of instructor. Primarily for doctoral students. Three class hours [a] per week. Three semester hours.

194, 294, 394, 494. Independent Study in Nursing.--Detailed or indepth study in a specific topic area. Topic and mode of study are agreed upon by student(s) and instructor. May be repeated for credit when topics vary. Prerequisite: Graduate standing and consent of instructor. Hours to be arranged. One, two, three or four semester hours.

397K. Advanced Research in Nursing.--Advanced study and experience in research methodologies and design applied to the conceptualization, design, and conduct of studies in patient care and nursing education. Prerequisite: Graduate standing and consent of instructor. Required of all doctoral students. Three class hours [a] per week. Three semester hours.

397L. Research Methodology.

Topic 1, Critique of Research Design and [~~Evelation~~] Evaluation Models and Their Applications in Nursing.--Review and critique of existing evaluation models. Application of both research design and the models to theory-oriented problems. Prerequisite: Graduate standing and consent of instructor. Three class hours [a] per week. Three semester hours.

698. Thesis.--First registration for the thesis is for 698R. Students who require more than one semester to complete the thesis must register for 698W for any subsequent semesters. Prerequisite: Graduate standing, Nursing 397, and consent of instructor. Six semester hours. Assigned advisers.

699. Dissertation.--First registration for the dissertation is for 699R. Subsequent registration is for 699W. Prerequisite: Admission to candidacy for the doctoral degree.

47. Amend mailing address for Division of Continuing Education listed in section entitled Continuing Education Program as follows (Page 66):

Requests for programs may be directed to the [~~Continuing-Education Coordinator~~] Director of Continuing Education on any of the School's campuses.

48. Update section entitled Statistical Summaries as follows (Page 66):

Degrees Conferred, Diplomas Awarded, 1892-1975

	1975			Total		
	Men	Women	Both	Men	Women	Both
Graduate in Nursing, Diploma (1892-1960)	0	0	0	1	1,298	1,299
Bachelor of Science, Nursing Education (1948-1958)	0	0	0	0	120	120
Bachelor of Science in Nursing (1947-197 4 <u>5</u>)	[37] <u>69</u>	[446] <u>544</u>	[483] <u>613</u>	[87] <u>156</u>	[1,648] <u>2,192</u>	[1,735] <u>2,348</u>
Master of Science in Nursing (1954-197 4 <u>5</u>)	[5] <u>3</u>	[58] <u>36</u>	[63] <u>39</u>	[9] <u>12</u>	[205] <u>241</u>	[214] <u>243</u>

[~~*August-25,-1973-through-May-18,-1974.*~~] *August 23, 1974 through May 17, 1975.

SYSTEM SCHOOL OF NURSING

CALENDAR 1975-76

FALL SEMESTER

August 25-26, Monday-Tuesday. Orientation and Registration.
 August 29, Friday. Add/drop day.
 September 2, Tuesday. Classes begin.
 September 17, Wednesday. Twelfth class day. Official enrollment taken.
 October 22-24, Wednesday-Friday. General Faculty Meeting (Austin).
 October 24, Friday. Intrasemester reports due in dean's offices.
 November 3-4, Monday-Tuesday. Doctoral qualifying examinations.
 November 27-28, Thursday-Friday. Thanksgiving holidays.
 December 12, Friday. Convocation - Galveston.
 December 13, Saturday. Convocation - Houston.
 December 14, Sunday. Convocation - San Antonio.
 December 16, Tuesday. Last official class day.
 December 17-19, Wednesday-Friday. Exams.
 December 19, Friday. Convocation - El Paso.
 December 20, Saturday. Convocation - Austin.
 December 20, Saturday. Graduation day (no public exercises).
 December 20-
 January 11, Saturday-Sunday. Christmas holidays.
 December 21, Sunday. Convocation - Fort Worth.

SPRING SEMESTER

January 12-14, Monday-Wednesday. Registration.
 January 15, Thursday. Classes begin.
 January 16, Friday. Add/drop day.
 January 30, Friday. Twelfth class day. Official enrollment taken.
 March 5, Friday. Intrasemester reports due in dean's offices.
 March 15-20, Monday-Saturday. Spring vacation (Austin, El Paso, Galveston, Houston, and San Antonio).
 March 29-30, Monday-Tuesday. Doctoral qualifying examinations.
 March 31,
 April 1-2, Wednesday-Friday. General Faculty Meeting (San Antonio).
 April 12-17, Monday-Saturday. Spring vacation (Fort Worth only).
 May 14, Friday. Convocation - San Antonio.
 May 15, Saturday. Convocation - El Paso.
 May 16, Sunday. Convocation - Houston.
 May 18, Tuesday. Last official class day.

SYSTEM SCHOOL OF NURSING

CALENDAR 1975-76

SPRING SEMESTER (Continued)

May 19-21, Wednesday-Friday. Exams.
May 21, Friday. Convocation - Austin.
May 22, Saturday. Convocation - Fort Worth.
May 22, Saturday. Graduation day (no public exercises).
May 23, Sunday. Convocation - Galveston.

(Summer Calendar not available until June, 1975)

(An updated list of faculty and faculty associates will be included in the catalogue.)

LAND AND INVESTMENT REPORT

Meeting of June 5, 1975

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LAND AND INVESTMENT REPORT

For Month Ended March 31, 1975

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 March, 1975. 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 3/31/74	BOOK YIELD 3/31/74	BOOK VALUE 3/31/75	BOOK YIELD 3/31/75
<u>DEBT SECURITIES:</u>				
U. S. Government Obligations--				
Treasury Bonds	\$ 79,437,784.61	4.94%	\$ 88,017,458.74	5.40%
Various Government Guaranteed Bonds	38,753,047.25	6.85	85,923,307.19	7.89
FHA Mortgages	<u>13,332,816.16</u>	<u>7.01</u>	<u>12,382,297.27</u>	<u>7.01</u>
TOTAL - U. S. Government Obligations	<u>131,523,648.02</u>	<u>5.71</u>	<u>186,323,063.20</u>	<u>6.65</u>
Other Government Agencies (Non-Guaranteed)	<u>-0-</u>	<u>--</u>	<u>1,000,000.00</u>	<u>9.10</u>
Corporate Bonds	<u>240,844,871.55</u>	<u>4.99</u>	<u>270,855,821.07</u>	<u>5.51</u>
TOTAL - DEBT SECURITIES	<u>372,368,519.57</u>	<u>5.24</u>	<u>458,178,884.27</u>	<u>5.98</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	10,097,290.00	5.42	7,097,290.00	5.71
Convertible Preferred Stocks	6,342,900.64	3.80	6,342,900.64	3.80
Common Stocks	<u>254,889,921.24</u>	<u>4.89</u>	<u>253,005,246.19</u>	<u>5.12</u>
TOTAL - EQUITY SECURITIES	<u>271,330,111.88</u>	<u>4.88</u>	<u>266,445,436.83</u>	<u>5.10</u>
TOTAL - LONG TERM INVESTMENTS	<u>643,698,631.45</u>	<u>5.09</u>	<u>724,624,321.10</u>	<u>5.66</u>
◆				
<u>CASH & EQUIVALENT:</u>				
Short Term U. S. Government Obligations	24,683,990.62	6.88	4,665,296.05	8.47
Short Term Corporate Bonds	-0-	--	2,107,280.00	8.15
Commercial Paper	28,397,000.00	<u>8.60</u>	25,522,000.00	<u>7.11</u>
Investment Transactions--				
Accounts Receivable	-0-		33,389.60	
Cash	<u>91,016.59</u>		<u>167,925.36</u>	
TOTAL - CASH & EQUIVALENT	<u>53,172,007.21</u>	<u>7.79</u>	<u>32,495,891.01</u>	<u>7.33</u>
TOTAL - SECURITIES, CASH & EQUIVALENT	<u>\$696,870,638.66*</u>	<u>5.30%</u>	<u>\$757,120,212.11*</u>	<u>5.73%</u>
Indicated Annual Income	\$ 36,934,143.00		\$ 43,382,988.15	

*Includes Cumulative Total Realized Net Profit
to 3/31/74 of \$39,251,885.75; to 3/31/75 of \$41,443,323.42

SUMMARY OF TRANSACTIONS
(March, 1975)

<u>Purchases:</u>	<u>Cost</u>	<u>Yield at Cost</u>
U. S. Government Obligations Guaranteed	\$ 156,084.96	8.81%
Corporate Bonds	3,203,705.00	9.66
Common Stocks	975,440.98	1.11
Net Commercial Paper	3,260,000.00	
TOTAL PURCHASES	<u>\$7,595,230.94</u>	
	<u>Proceeds</u>	<u>Gain or (Loss)</u>
<u>Sales:</u>		
Common Stock Rights (TOTAL SALES)	<u>\$ 6,331.61</u>	--
 <u>Bond Maturities and Prepayments:</u>		
U. S. Government Obligations Guaranteed--		
GNMA Pools	\$ 126,044.80	(\$2,704.89)
FHA Mortgages	129,853.74	--
Other	<u>31,389.60</u>	--
TOTAL - U. S. Government Obligations	<u>287,288.14</u>	(2,704.89)
Corporate Bonds	<u>46,109.00</u>	<u>2,231.83</u>
TOTAL BOND MATURITIES AND PREPAYMENTS	<u>\$ 333,397.14</u>	<u>(\$ 473.06)</u>

BOND EXCHANGES

<u>Par Exchanged</u>	<u>Increase in Annual Income</u>
\$25,000	\$104.32

PERMANENT UNIVERSITY FUND BOOK VALUE

February 28, 1975 Balance	\$751,141,721.57
Additions (March, 1975)	
Realized Net Gain or (Loss) on Security Transactions	(\$ 473.06)
From General Land Office	<u>5,978,963.60</u>
March 31, 1975 Balance	<u>\$757,120,212.11</u>

INVESTMENTS ACQUIRED
(March, 1975)

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>			
\$ 65,152.00	Cochise County Hospital Association (Hill-Burton Loan) 9.60% Note, due 1/1/2000 (Second drawdown on total purchase of \$1,983,800.00)	100.00	\$ 65,152.00	9.60%
90,932.96	Marcus Daly Memorial Hospital Corp. (Hill-Burton Loan) 8-1/4% 1st Mtge. Promissory Note, due 1/24/99 (Thirteenth drawdown on total purchase of \$1,716,119.00)	100.00	90,932.96	8.25
	TOTAL - U. S. Government Obligations (Guaranteed)		<u>\$ 156,084.96</u>	<u>8.81%</u>
<u>CORPORATE BONDS:</u>				
2,700,000	United Telephone Co. of Ohio 10-1/4% 1st Mtge., Series Y, due 3/15/2005	100.00	\$2,700,000.00	10.25%
500,000	Commonwealth Edison Co. 8% 1st Mtge., Series 20, due 10/1/75	100.741	503,705.00	6.50
	TOTAL - Corporate Bonds		<u>\$3,203,705.00</u>	<u>9.66%</u>
<u>COMMON STOCKS:</u>				
6,000 Shs.	Johnson & Johnson	89.975	\$ 539,848.17	0.89%
6,000 "	Xerox Corporation	72.599	435,592.81	1.38
	TOTAL - Common Stocks		<u>\$ 975,440.98</u>	<u>1.11%</u>
<u>BONDS EXCHANGED IN:</u>				
\$25,000	See Bond Exchange Schedule for Detail		<u>\$ 18,065.20</u>	<u>7.97%</u>
	NET INCREASE IN COMMERCIAL PAPER		<u>\$3,260,000.00</u>	
<u>COMMERCIAL PAPER HOLDINGS, 3/31/75:</u>				
			<u>Book Value</u>	
	General Motors Acceptance Corp.		\$ 5,163,000.00	
	J. C. Penney Financial Corp.		7,450,000.00	
	Montgomery Ward Credit Corp.		6,850,000.00	
	Sears Roebuck Acceptance Corp.		6,059,000.00	
			<u>\$25,522,000.00</u>	

INVESTMENTS DISPOSED OF
(March, 1975)

<u>Par Value or No. Shares</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>				
\$ 31,389.60	The Western Company of North America U. S. Govt. Insured Merchant Marine Bonds Western Pacesetter III Series, 9-1/2%, due 9/26/89	100.00	\$ 31,389.60	--
126,044.80	GNMA Pass-Throughs, Various Pools	100.00	<u>126,044.80</u>	(\$2,704.89)
	TOTAL - Various Long Term		<u>157,434.40</u>	(2,704.89)
<u>FHA Mortgages</u>				
129,853.74	Principal Payments	100.00	<u>129,853.74</u>	--
	TOTAL - U. S. Govt. Obligations (Guaranteed)		<u>\$287,288.14</u>	(\$2,704.89)
<u>CORPORATE BONDS:</u>				
44,109	Shell Oil Co. 5% SF Debs., due 3/15/91	100.00	\$ 44,109.00	\$2,098.11
2,000	Public Service Co. of New Mexico 7-1/4% 1st Mtge., due 4/1/99	100.00	<u>2,000.00</u>	<u>133.72</u>
	TOTAL - Corporate Bonds		<u>\$ 46,109.00</u>	<u>\$2,231.83</u>
<u>SALES</u>				
<u>COMMON STOCKS:</u>				
82,341 Rights	Commonwealth Edison Company Common Stock Rights		<u>\$ 6,331.61</u>	--
<u>BONDS EXCHANGED OUT:</u>				
\$25,000	See Bond Exchange Schedule for Detail		<u>\$ 17,704.45</u>	

PERMANENT UNIVERSITY FUND

BOND EXCHANGES
(March, 1975)

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u> <u>EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE</u> <u>RECEIVED</u>	<u>BOOK VALUE</u>		<u>MKT</u> <u>YIELD</u>	<u>BOOK</u> <u>YIELD</u>	<u>NEW</u> <u>BOOK</u> <u>YIELD</u>
				<u>ISSUE</u> <u>EXCHANGED</u>	<u>ISSUE</u> <u>RECEIVED</u>	<u>IN-</u> <u>CREASE</u>	<u>IN-</u> <u>CREASE</u>	
<u>Corporate Bonds for Corporate Bonds</u>								
<u>\$ 25,000</u>	Gulf States Utilities Co. 4% 1st Mtge., due 5/1/88	California Elec. Power Co. 4-1/2% 1st Mtge., due 3/1/88	<u>\$ 17,704.45</u>	<u>\$ 18,065.20</u>	.45%	.60%	7.97%	<u>\$104.32*</u> (Total Income Improvement)

*Total Income Improvement represents improvement with takeout (payup) considered at current investment rates.

CASH STATEMENT
March 31, 1975

	<u>Permanent Fund</u>	<u>Available Fund</u>
<u>RECEIPTS:</u>		
From General Land Office	\$5,978,963.60	
From Disposition of Securities:		
U. S. Government Obligations		
GNMA Principal Payments	126,044.80	
FHA Mortgages	129,853.74	
Various Guaranteed Bonds	31,389.60	
Corporate Bonds	46,109.00	
Common Stocks	6,331.61	
Interest Collected:		
U. S. Government Obligations		
GNMA Interest Payments		\$ 139,448.74
FHA Mortgages		71,337.71
Various Guaranteed Bonds		40,708.69
Corporate Bonds		1,328,960.56
Commercial Paper		13,029.64
Dividends Collected:		
Common Stocks		1,777,215.11
Amortization of Premium	207.93	
Accounts Receivable Collected	<u>1,260,509.32</u>	
TOTAL RECEIPTS	7,579,409.60	<u>\$3,370,700.45</u>
Cash on Hand 3/1/75	<u>267,075.96</u>	
TOTAL RECEIPTS AND CASH	<u>\$7,846,485.56</u>	

CASH STATEMENT
 March 31, 1975
 (Continued)

	Permanent Fund	Available Fund
<u>DISBURSEMENTS:</u>		
Securities Acquired:		
U. S. Government Obligations		
Various Guaranteed Bonds	\$ 156,084.96	
Corporate Bonds	3,203,705.00	
Common Stocks	975,440.98	
Commercial Paper	3,260,000.00	
Amortization of Discount	49,578.91	
Bonds Exchanged In - Net Disbursement	360.75	
To Clear Out Available Fund		\$3,370,700.45
TOTAL DISBURSEMENTS	7,645,170.60	\$3,370,700.45
Cash and Receivables 3/31/75:		
Cash on Hand	167,925.36	
Accounts Receivable	33,389.60	
TOTAL CASH AND RECEIVABLES	201,314.96	
TOTAL DISBURSEMENTS, CASH AND RECEIVABLES	\$7,846,485.56	

For Month Ended March 31, 1975

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 March, 1975. 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			
\$500,000	Common Trust Fund	\$ 500,000.00	<u>10.25%</u>
<u>COMMON STOCKS:</u>			
See Stock Purchase Schedule for Detail			
	Common Trust Fund	95,083.82	3.291%
	GMB - The Robertson-Poth Charitable Remainder Trust	480.00	9.583
	GMB - Cecil H. and Ida M. Green Chair for the Marine Biomedical Institute	151,144.76	
	UTD - Cecil H. and Ida M. Green Honors Chair in the Natural Sciences	150,000.00	
	DMS - Eugene McDermott Chair for the Center for the Study of Human Growth and Development	<u>452,265.23</u>	
	TOTAL - Common Stocks	<u>848,973.81</u>	
	TOTAL - BONDS AND STOCKS	<u>\$1,348,973.81</u>	
<u>SHORT TERM PAPER:</u>			
186,000	SRAC 5-1/4% Note, due 3/27/75 (Common Trust Fund)	\$ 186,000.00	5.255
328,600	GMAC 5-1/4% Note, due 3/31/75 (\$295,400 - DMS - Eugene McDermott Chair for the Center for the Study of Human Growth and Develop- ment 33,200 - C. J. Thomsen Gift)	328,600.00	5.266
118,000	J. C. Penney 6-1/8% Note, due 4/3/75 (AH - Anderson-Mayfair Mortgage Retire- ment Fund)	118,000.00	6.157
95,000	GMAC 5-7/8% Note, due 5/30/75 (Common Trust Fund - Undistributed Receipts)	95,000.00	5.950
108,000	SRAC 6-1/8% Note, due 5/30/75 (Common Trust Fund - Undistributed Receipts)	108,000.00	6.214
83,000	FMC 5-7/8% Note, due 5/30/75 (\$ 55,200 - Common Trust Fund - Undistributed Receipts 27,800 - The Loraine O'Gorman Gonzalez Trust)	83,000.00	5.938

INVESTMENTS ACQUIRED (Continued)
(March, 1975)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield at Cost</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
\$153,300	GMAC 6-1/2% Note, due 10/29/75 (Common Trust Fund)	\$ 153,300.00	6.794%
125,000	GMAC 6-1/2% Note, due 10/31/75 (Common Trust Fund)	125,000.00	6.797
130,000	GMAC 6-3/8% Note, due 11/3/75 (Common Trust Fund)	130,000.00	6.659
125,000	GMAC 6-1/2% Note, due 11/4/75 (Common Trust Fund)	125,000.00	6.802
200,000	GMAC 6-1/2% Note, due 11/7/75 (Common Trust Fund)	200,000.00	6.806
80,000	GMAC 6-1/4% Note, due 11/10/75 (The Loraine O'Gorman Gonzalez Trust)	80,000.00	6.523
125,000	GMAC 6-1/2% Note, due 11/12/75 (Common Trust Fund)	125,000.00	6.812
125,000	GMAC 6-1/2% Note, due 11/14/75 (Common Trust Fund)	125,000.00	6.815
125,000	GMAC 6-1/2% Note, due 11/19/75 (Common Trust Fund)	125,000.00	6.821
27,300	GMAC 6-1/2% Note, due 11/21/75 (Common Trust Fund)	27,300.00	6.824
470,000	FMC 6-1/4% Note, due 11/25/75 (Common Trust Fund)	470,000.00	6.524
184,800	FMC 6-1/4% Note, due 12/1/75 (Common Trust Fund)	184,800.00	6.528
17,500	City National Bank 7% CD, due 3/19/76 (Common Trust Fund)	17,500.00	7.00

INVESTMENTS DISPOSED OF
(March, 1975)

Par Value	Description and Fund	Total Net Proceeds	Gain or (Loss)	
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>				
GNMA Prepayments--				
\$ 6,802.70	Common Trust Fund	\$ 6,802.70	(\$ 150.25)	
315.89	DMS - The William Buchanan Chair in Internal Medicine	315.89	6.67	
157.73	Reserve for Possible Fire Losses - Temporary Student Housing Units	157.73	1.80	
320.78	Texas Union Building Fund	320.78	26.91	
959.99	Student Property Deposit Scholar- ship Fund	959.99	22.70	
654.05	Student Property Deposit Scholar- ship Fund - Temporary	654.05	20.96	
20,056.84	Retirement of Indebtedness Accounts	<u>20,056.84</u>	<u>576.29</u>	
	TOTAL - U. S. Government Obligations (Guaranteed)	<u>\$ 29,267.98</u>	<u>\$ 505.08</u>	
 <u>COMMON STOCKS:</u>				
See Stock Sales Schedule for Detail				<u>Yield at Sale Price</u>
	Common Trust Fund [TOTAL - Stocks Sold (Except Gifts)]	<u>\$252,195.00</u>	<u>(\$156,525.68)</u>	<u>6.018%</u>
 Stocks Received by Gift or Bequest--				
	The Loraine O'Gorman Gonzalez Trust	99,364.12		
	C. Aubrey Smith Accounting Educational Endowment Fund	2,556.01		
	DMS - Eugene McDermott Chair for the Center for the Study of Human Growth and Development	295,418.69		
	DMS - Cecil H. and Ida M. Green Chair of Reproductive Biology	<u>168,611.44</u>		
	TOTAL - Stock Gifts Sold	<u>565,950.26</u>		
	TOTAL - All Common Stocks	<u>\$818,145.26</u>		
 <u>SHORT TERM PAPER:</u>				
300	FMC 8-3/4% Note, due 3/3/75 (Littlefield Fund for Southern History - Reserve for Publications)	\$ 300.00	-0-	
107,400	SRAC 9% Note, due 3/7/75 (\$ 75,200 - Common Trust Fund 2,200 - AH - Anderson-Mayfair Mortgage Retirement Fund 30,000 - Office of Investments, Trusts & Lands - Suspense Account)	107,400.00	-0-	

INVESTMENTS DISPOSED OF (Continued)
(March, 1975)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
\$100,000	FMC 7-3/8% Note, due 3/7/75 (Office of Investments, Trusts & Lands - Suspense Account)	\$100,000.00	-0-
12,600	FMC 7-3/8% Note, due 3/7/75 (\$ 8,000 - The Loraine O'Gorman Conzalez Trust 4,600 - Office of Investments, Trusts & Lands - Suspense Account)	12,600.00	-0-
186,000	SRAC 5-1/4% Note, due 3/27/75 (Common Trust Fund)	186,000.00	-0-
295,400	GMAC 5-1/4% Note, due 3/31/75 (DMS - Eugene McDermott Chair for the Center for the Study of Human Growth and Development)	295,400.00	-0-
125,000	GMAC 6-1/2% Note, due 10/31/75 (Common Trust Fund) (Prepaid on 3/27/75)	125,000.00	-0-
200,000	GMAC 6-1/2% Note, due 11/7/75 (Common Trust Fund) (Prepaid on 3/27/75)	200,000.00	-0-

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

(March, 1975)

STOCK PURCHASES

<u>NO. OF SHS. PURCHASED</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD AT COST</u>
		<u>UNIT</u>	<u>TOTAL</u>	
1,000 Shs.	Xerox Corporation Common Stock	72.86	\$ 72,859.82	1.372%
926 "	Commonwealth Edison Company Common Stock (Exercise of Rights received via Rights Offering)	24.00	22,224.00	9.583
			<u>\$ 95,083.82</u>	<u>3.291%</u>

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>UNIT</u>	<u>COST</u>	<u>YIELD AT COST</u>
<u>\$500,000</u>	United Telephone Company of Ohio 10-1/4% 1st Mtge., Series Y, due 3/15/2005	100.00	<u>\$500,000.00</u>	<u>10.25%</u>

STOCK SALES

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD AT SALE PRICE</u>
13,800 Shs.	Square D Company Common Stock	<u>\$252,195.00</u>	<u>(\$156,525.68)</u>	<u>6.018%</u>

BOND MATURITIES AND PREPAYMENTS

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>\$6,802.70</u>	Various GNMA Pass-Through Pools	<u>\$6,802.70</u>	<u>(\$150.25)</u>

STOCK CONVERSIONS
(March, 1975)

<u>Securities Converted</u>	<u>Book Value</u>		<u>Principal Cash Required</u>	<u>New Book Yield</u>
	<u>Issue Converted</u>	<u>Issue Received</u>		
<u>RECEIVED BY GIFT OR BEQUEST:</u>				
<u>RONYA AND GEORGE KOZMETSKY ENDOWMENT FUND</u>				
3,200 shares Teledyne, Inc. Common Stock into \$51,200 p.v. Teledyne, Inc. 10% Sub. Debs., Series A, due 6/1/2004 (\$16 p.v. for each share tendered)	<u>\$34,400.00</u>	<u>\$34,400.00</u>	<u>-0-</u>	<u>14.979%</u>
<u>THE LORAIN O'GORMAN GONZALEZ TRUST</u>				
\$10,000 p.v. First National City Bank 4% Conv. Capital Note, due 7/1/99 into 600 shares Citicorp Common Stock (60 shares for each \$1,000 p.v. converted)	<u>\$25,800.00</u>	<u>\$25,800.00</u>	<u>-0-</u>	<u>1.860%</u>

STOCK PURCHASES
(March, 1975)

<u>NO. OF SHS.</u> <u>PURCHASED</u>	<u>ISSUE</u>	<u>UNIT</u>	<u>COST</u> <u>TOTAL</u>	<u>YIELD</u> <u>AT COST</u>
<u>THE ROBERTSON-POTH CHARITABLE REMAINDER TRUST - GALVESTON MEDICAL BRANCH</u>				
20 Shs.	Commonwealth Edison Company Common Stock (Exercise of Rights received via Rights Offering)	24.00	<u>\$480.00</u>	<u>9.583%</u>
<u>CECIL H. AND IDA M. GREEN CHAIR FOR THE MARINE BIOMEDICAL INSTITUTE - GALVESTON MEDICAL BRANCH</u>				
211.0029 Units	The Common Fund		<u>\$151,144.76</u>	
<u>CECIL H. AND IDA M. GREEN HONORS CHAIR IN THE NATURAL SCIENCES - U. T. DALLAS</u>				
209.4048 Units	The Common Fund		<u>\$150,000.00</u>	
<u>EUGENE McDERMOTT CHAIR FOR THE CENTER FOR THE STUDY OF HUMAN GROWTH AND DEVELOPMENT - DALLAS MEDICAL SCHOOL</u>				
218.9889	The Common Fund		\$156,865.23	
396.0838 Units	The Common Fund		<u>295,400.00</u>	
			<u>\$452,265.23</u>	

STOCK SALES
(March, 1975)

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>
<u>STOCKS RECEIVED BY GIFT OR BEQUEST:</u>		
<u>THE LORAINÉ O'GORMAN GONZALEZ TRUST</u>		
176 Shs.	Cities Service Company Common Stock	\$ 6,675.56
500 "	Exxon Corporation Capital Stock	38,383.07
500 "	The Franklin Life Insurance Company Capital Stock	10,375.00
450 "	The Perkin-Elmer Corporation Common Stock	11,690.53
300 "	Rubbermaid Incorporated Common Stock	5,201.25
1,409 Shs. Redeemed	Scudder Special Fund, Inc. Capital Stock	<u>27,038.71</u>
		<u>\$ 99,364.12</u>
<u>C. AUBREY SMITH ACCOUNTING EDUCATIONAL ENDOWMENT FUND</u>		
125 Shs.	The Southland Corporation Common Stock	<u>\$2,556.01</u>
<u>EUGENE McDERMOTT CHAIR FOR THE CENTER FOR THE STUDY OF HUMAN GROWTH AND DEVELOPMENT - DALLAS MEDICAL SCHOOL</u>		
3,600 Shs.	Texas Instruments Inc. Common Stock	<u>\$295,418.69</u>
<u>CECIL H. AND IDA M. GREEN CHAIR OF REPRODUCTIVE BIOLOGY - DALLAS MEDICAL SCHOOL</u>		
1,875 Shs.	Texas Instruments Inc. Common Stock	<u>\$168,611.44</u>

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND - RECOMMENDATION
RE ADDITIONS.--The Associate Deputy Chancellor for Investments, Trusts and Lands
recommends that the following additions made to the Common Trust Fund endowment
account on March 1, 1975 at a unit market value of \$1.926404324, be approved.

Fund	Recommended Additions	No. Units Added
Jennie and Carl Sundberg Scholarship Fund (College of Arts & Sciences Foundation) (\$32,278.85 already in CTF)	\$ 4,000.00	2,076
J. C. Dolley Finance Education Fund (College of Business Administration) (\$202.36 already in CTF)	4.16	2
Mavis Alexander Fitzgerald Award (College of Business Administration) (\$293.88 already in CTF)	6.14	3
The Gilbreth Award Fund (College of Business Administration) (\$598.59 already in CTF)	11.62	6
Karl and Helen McGinnis Scholarship (College of Business Administration) (\$3,990.00 already in CTF)	100.00	52
C. Aubrey Smith Professorship in Accounting (College of Business Administration) (\$91,681.72 already in CTF)	10,199.96	5,295
C. Aubrey Smith Accounting Educational Endowment Fund (College of Business Administration) (\$17,600.00 already in CTF)	3,631.01	1,885
The Accounting Education Fund (College of Business Administration Foundation) (\$69,594.49 already in CTF)	1,883.00	977
The G. Blackstock Memorial Scholarship Fund (College of Business Administration Foundation) (\$5,638.75 already in CTF)	180.00	93
J. Anderson Fitzgerald Special Scholarship Fund (College of Business Administration Foundation) (\$10,965.45 already in CTF)	75.00	39
George M. Kozmetsky Memorial Fund (College of Business Administration Foundation) (\$51,533.14 already in CTF)	218.57	113
J. L. Mosle Memorial Scholarship Fund (Department of Finance) (College of Business Administration Foundation) (\$41,539.75 already in CTF)	1,000.00	519
Arthur Young Distinguished Professorship Fund (College of Business Administration Foundation) (\$94,875.00 already in CTF)	1,875.00	973
Additions - March 1, 1975		

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(Continued)

Fund	Recommended Additions	No. Units Added
Journalism Foundation - Paul J. Thompson-DeWitt Reddick Society (School of Communication - Department of Journalism) (\$41,768.95 already in CTF)	\$ 80.00	42
DeWitt Reddick Journalism Scholarship Fund (School of Communication - Department of Journalism) (\$8,991.53 already in CTF)	401.13	208
The Ernest Cockrell, Jr. Fund for College of Engineering Chairs (College of Engineering Foundation) (NEW FUND)	35,283.57	18,316
The Ernest Cockrell, Jr. Scholarship Fund (College of Engineering Foundation) (NEW FUND)	35,000.00	18,169
W. A. (Bill) Cunningham Professorship (College of Engineering Foundation) (\$105,488.16 already in CTF)	1,111.20	577
Alfred and Nellie King Graduate Fellowship (College of Engineering Foundation) (\$40,103.91 already in CTF)	201.08	104
1966 M. E. Class Fund (College of Engineering Foundation) (\$372.53 already in CTF)	6.61	3
The Morton Brown, Nellie Lea Brown and Minelma Brown Lockwood Scholarship Fund in Drama (College of Fine Arts Foundation) (\$34,195.00 already in CTF)	1,000.00	519
E. W. Doty Endowed Lectureship (College of Fine Arts Foundation) (\$36,004.21 already in CTF)	2,500.00	1,298
E. William Doty Scholarship Fund (College of Fine Arts Foundation) (\$5,841.62 already in CTF)	100.00	52
Marian Royal Kazen Memorial Fund (College of Fine Arts Foundation) (\$538.00 already in CTF)	8.77	5
Mollie Fitzhugh Thornton Music Scholarship Fund (College of Fine Arts Foundation) (\$684.21 already in CTF)	12.06	6
University Theatre Associates Endowment (College of Fine Arts Foundation) (\$22,132.79 already in CTF)	100.00	52
Leslie Waggener Professorship in the College of Fine Arts (College of Fine Arts Foundation) (\$50,000.00 already in CTF)	50,000.00	25,955
Additions - March 1, 1975		

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(Continued)

Fund	Recommended Additions	No. Units Added
Wayne Franklin Bowman Scholarship Fund (Geology Foundation) (\$31,610.60 already in CTF)	\$ 500.00	260
Fred M. Bullard Professorship (Geology Foundation) (\$28,062.49 already in CTF)	1,525.78	792
Hal P. Bybee Memorial Fund (Geology Foundation) (\$262,796.82 already in CTF)	3,945.95	2,048
Dorothy Ogden Carsey Memorial Scholarship (Geology Foundation) (\$17,302.00 already in CTF)	2,430.00	1,261
Robert H. Cuyler Memorial Scholarship Fund (Geology Foundation) (\$20,754.32 already in CTF)	20.00	10
Ronald K. DeFord Field Scholarship Fund (Geology Foundation) (\$14,816.06 already in CTF)	1,063.28	552
Miss Effie Graves Scholarship Fund (Geology Foundation) (\$13,140.00 already in CTF)	205.00	106
Guy E. Green Scholarship Fund (Geology Foundation) (\$18,185.50 already in CTF)	1,202.00	624
Carolyn G. and George M. Knebel Fund (Geology Foundation) (\$33,415.12 already in CTF)	3,575.00	1,856
J. Hoover Mackin Scholarship Fund (Geology Foundation) (\$10,066.72 already in CTF)	225.00	117
Wallace E. Pratt Professorship in Geophysics (Geology Foundation) (\$61,201.74 already in CTF)	12,117.46	6,290
Professorship in Sedimentary Geology (Geology Foundation) (\$12,781.96 already in CTF)	3,287.15	1,706
Vertebrate Paleontology Fund (Geology Foundation) (NEW FUND)	8,528.78	4,427
Dr. F. L. Whitney Memorial Scholarship Fund (Geology Foundation) (\$23,525.75 already in CTF)	402.00	209
Additions - March 1, 1975		

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(Continued)

Fund	Recommended Additions	No. Units Added
Thomas Shelton Maxey Professorship in Law (School of Law) (\$90,231.92 already in CTF)	\$ 41.05	21
Pharmaceutical Research Fund (College of Pharmacy) (\$1,738.34 already in CTF)	42.64	22
Raoul Daniel Rene "Daddy" Cline Memorial Endowment Fund (Pharmaceutical Foundation) (\$1,375.97 already in CTF)	28.39	15
W. F. Gidley Appreciation Endowment Fund (Pharmaceutical Foundation) (\$4,024.38 already in CTF)	75.81	39
The Senior Class Endowment Fund (Pharmaceutical Foundation) (\$15,244.10 already in CTF)	282.47	147
J. T. Jones Endowed Presidential Scholarship (Endowed Presidential Scholarship) (NEW FUND)	50,000.00	25,955
E. Bagby Atwood Memorial Graduate Scholarship in English (\$9,848.66 already in CTF)	177.03	92
E. M. Barron Fund (\$88,763.52 already in CTF)	3,745.84	1,944
Carl Stone Benedict Scholarship Fund (\$29,158.46 already in CTF)	222.31	115
Lloyd Bentsen, Jr. Professorship in Public Affairs (\$51,013.76 already in CTF)	1,250.00	649
Bonham-Dieterich Memorial Fund for Memorial Museum (\$30,594.98 already in CTF)	1,279.30	664
The Eugene and Dora Bonham Memorial Fund (\$303,394.28 already in CTF)	66,148.44	34,338
Morgan and Hamah Smith Callaway Fund (\$15,669.58 already in CTF)	308.74	160
Alma Idell Carlson Fund (\$8,229.14 already in CTF)	142.43	74
Roy Crane Awards in the Arts (\$11,090.53 already in CTF)	44.90	23
Mamie Sue Bastian Scholarship (\$11,000.00 already in CTF)	1,250.00	649
Eula Lee Carter Scholarship (\$11,000.00 already in CTF)	1,250.00	649
Additions - March 1, 1975		

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(Continued)

Fund	Recommended Additions	No. Units Added
Ethel V. Loving de Diaz Scholarship Fund (\$8,930.48 already in CTF)	\$ 137.55	71
Edward Louis Dodd and Alice Laidman Dodd Fellowship Fund (\$55,851.41 already in CTF)	376.13	195
James Leonard Duncan Scholarship Fund (\$9,301.43 already in CTF)	69.44	36
Richard T. Fleming Library of The University of Texas Writer's Fund (\$2,308.63 already in CTF)	36.64	19
Maud McCain Harding Fund (\$481,308.30 already in CTF)	31,087.51	16,138
H. R. Henze Teaching Excellence Award (\$5,273.74 already in CTF)	20.00	10
Hinds-Webb Scholarship Fund (\$195.39 already in CTF)	3.62	2
Hogg Foundation: W. C. Hogg Fund (\$10,921,279.35 already in CTF)	40,872.95	21,217
Hogg Foundation - Eloise Helbig Chalmers - Ima Hogg Fund (\$6,393.24 already in CTF)	299.23	155
Thomas E. Hogg - Residuary Legacy (\$11,967.57 already in CTF)	1,312.73	681
John Lewis Keel Memorial Scholarship Fund (\$2,142.19 already in CTF)	36.39	19
The Robert A. Douglass Scholarship Fund (\$11,000.00 already in CTF)	1,000.00	519
W. J. McDonald Observatory Fund (\$110,212.48 already in CTF)	62.70	33
The Roger Q. Mills Scholarship Fund (\$93.22 already in CTF)	2.12	1
Harry Estill Moore Disaster Study Collection (\$1,389.14 already in CTF)	23.60	12
Benonine Muse Scholarship Fund (NEW FUND)	36,077.46	18,728
Shiela O'Gara Scholarship Fund (\$2,935.03 already in CTF)	47.13	24
The Perry and Tommie Patterson Fellowships in Political Science (\$42,998.32 already in CTF)	2.70	1
Additions - March 1, 1975		

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(Continued)

Fund	Recommended Additions	No. Units Added
Dr. Edward Randall, Jr. Memorial Fund (\$3,413.40 already in CTF)	\$ 54.73	28
Louis W. Rase Band Scholarship (\$1,640.00 already in CTF)	1,000.00	519
Lynda B. Johnson Robb Award (\$2,125.44 already in CTF)	44.09	23
Albert Schweitzer Scholarship (NEW FUND)	975.38	506
Tom Slick Memorial Trust for The University of Texas at Austin (\$372,070.94 already in CTF)	15,180.51	7,880
Joanne Thaman Memorial Awards (\$1,417.00 already in CTF)	10.00	5
Edward Larocque Tinker Visiting Professorship in Latin American Studies (\$300,000.00 already in CTF)	200,000.00	103,820
VanderPoel Fund for Research and Publication (\$51,682.60 already in CTF)	852.43	442
Lois Philip Ware Scholarship in Memory of Her Mother Horace B. Ware (NEW FUND)	10,000.00	5,191
Lois Philip Ware Scholarship in Memory of Her Father, John Allen Ware (NEW FUND)	10,000.00	5,191
York Rite Masonic Scholarship Fund (\$10,000.00 already in CTF)	5,000.00	2,596
Gillette Professorship of Obstetrics and Gynecology (Dallas Medical School) (\$105,484.08 already in CTF)	259.26	135
Cecil H. and Ida M. Green Chair of Reproductive Biology (Dallas Medical School) (\$156,104.99 already in CTF)	168,611.44	87,527
Dr. Lee Hudson-Robert R. Penn Chair in Surgery (Dallas Medical School) (\$150,650.52 already in CTF)	286,038.10	148,483
Estate of Elmer Ellard Stalcup (Dallas Medical School) (NEW FUND)	62,330.43	32,356
The Josey Professorship of Community Health Sciences (Houston Medical School) (\$99,765.19 already in CTF)	1,728.38	897

Additions - March 1, 1975

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(Continued)

Fund	Recommended Additions	No. Units Added
Miss Eloise Alexander Memorial Fund (San Antonio Medical School) (\$203,175.15 already in CTF)	\$ 4,675.00	2,427
Nancy Ullman Karren Chair in Psychiatry (San Antonio Medical School) (\$268,106.00 already in CTF)	23,189.40	12,038
Dr. Witten B. Russ Chair in Surgery (San Antonio Medical School) (\$124,351.22 already in CTF)	32,273.54	16,753
Charles B. Barker Professorship in Surgery (Anderson Hospital) (NEW FUND)	149,317.60	77,511
Carolyn Froebel Fund (Anderson Hospital) (\$1,559.81 already in CTF)	24.33	13
Barbara G. Horowitz Fund (Anderson Hospital) (\$319,690.09 already in CTF)	1,220.02	633
Madeline Kavanagh Fund (Anderson Hospital) (\$8,346.69 already in CTF)	224.35	116
University Cancer Foundation (Anderson Hospital) (\$558,254.36 already in CTF)	288.74	150
Jane and Roland K. Blumberg (Galveston Medical Branch) (NEW FUND)	10,000.00	5,191
The Mary Huling Edens Lectureship in Medical Benefits (Galveston Medical Branch) (NEW FUND)	10,000.00	5,191
The Robert Cantrell Feamster Foundation (Galveston Medical Branch) (\$4,222.22 already in CTF)	82.97	43
The James W. McLaughlin Fellowship Fund (Galveston Medical Branch) (\$937,446.14 already in CTF)	27,542.39	14,297
The Robertson Poth Professorship in Ophthalmology (Galveston Medical Branch) (\$63,836.11 already in CTF)	1,300.30	675
Dr. Edward Randall, Sr., Award for Academic Excellence and Patient Care (Galveston Medical Branch) (NEW FUND)	20,000.00	10,382
Additions - March 1, 1975		

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(Continued)

Fund	Recommended Additions	No. Units Added
James Wade Rockwell Endowment Fund (Galveston Medical Branch) (\$162,500.00 already in CTF)	\$ 12,500.00	6,489
Roy A. Stout Lectureship in Oral Surgery (Galveston Medical Branch) (NEW FUND)	10,000.00	5,191
William N. and Ida Zinn Alpha Omega Alpha Scholarship Fund (Galveston Medical Branch) (\$3,489.63 already in CTF)	79.97	42
Frank B. Cotton Trust - Endowment Fund (U. T. El Paso) (\$3,388,564.03 already in CTF)	6,352.08	3,297
Josephine Clardy Fox Estate Fund (U. T. El Paso) (\$1,713,694.43 already in CTF)	3,387.73	1,759
Gladys Johnston Memorial Fund (U. T. El Paso) (\$21,471.93 already in CTF)	278.00	144
Library Endowment Fund (U. T. El Paso) (\$21,631.98 already in CTF)	762.50	396
Lloyd A. Nelson Professorship in Geology (U. T. El Paso) (\$102,831.31 already in CTF)	10.00	5
The President's Associates Endowment Fund (U. T. El Paso) (\$38,448.00 already in CTF)	9,825.00	5,100
Patrick Romanell Visiting Professorship in Philosophy (U. T. El Paso) (\$5,648.01 already in CTF)	90.93	47
Julia Ann Ross Memorial Scholarship (U. T. El Paso) (\$11,184.63 already in CTF)	1,321.86	686
David Waddell Schillinger Scholarship (U. T. El Paso) (\$11,871.85 already in CTF)	30.00	16
Lydia Stark Memorial Scholarship in Speech Therapy (U. T. El Paso) (\$6,453.64 already in CTF)	820.26	426
Capt. James R. Valtr Memorial Scholarship Fund (U. T. El Paso) (\$3,886.68 already in CTF)	296.00	154

Additions - March 1, 1975

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(Continued)

Fund	Recommended Additions	No. Units Added
The Mr. and Mrs. William Henry Wooldridge Library Fund (U. T. El Paso) (\$24,624.06 already in CTF)	\$ 500.00	260
TOTAL ADDITIONS TO COMMON TRUST FUND ON MARCH 1, 1975	\$1,514,251.25	786,045

The results of the above additions will be THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND with a total book value of \$48,435,085.79 with 21,871,628 units outstanding as of March 1, 1975.