

#### AGENDA for Meeting of the U. T. System Board of Regents

Friday, October 12, 2007 9<sup>th</sup> Floor, Ashbel Smith Hall Austin, Texas

|    |  |  | Page |
|----|--|--|------|
| A. | CONVENE JOINT MEETING: BOARD OF REGENTS AND UTIMCO BOARD OF DIRECTORS  | 9:00 a.m.<br>Chairman Huffines<br>Chairman Caven   |      |
| 1. | Introductions  | 9:00 a.m.<br>Chairman Huffines<br>Chairman Caven   | 1    |
| 2. | Report on Legislation and Legal Issues   | 9:05 a.m.<br><b>Report</b><br>Mr. Burgdorf<br>Ms. Gonzalez   | 2    |
| 3. | <ul> <li>Reports on UTIMCO Board Operations and Committees<br/>Board Officers, Key Employees, Delegation of Authority<br/>Standing Committee Reports: <ul> <li>Audit and Ethics Committee</li> <li>Risk Committee</li> <li>Policy Committee</li> <li>Compensation Committee</li> </ul> </li> </ul> | 9:25 a.m.<br><b>Report</b><br>Chairman Caven<br>Mr. Nye<br>Mr. Tate<br>Mr. Rowling<br>Mr. Ferguson | 8    |
| 4. | UTIMCO Update: Report on UTIMCO Organization,<br>Performance, and Activities   | 9:45 a.m.<br><b>Report</b><br>Mr. Zimmerman  | 9    |
| 5. | Report on Investment Management Cost Effectiveness   | 10:00 a.m.<br><b>Report</b><br>Dr. Kelley  | 17   |
| 6. | Update regarding Centralization of Operating Funds   | 10:10 a.m.<br><b>Report</b><br>Dr. Kelley  | 30   |
| 7. | Report on Investment Objectives and Performance from UTIMCO Board Investment Consultant  | 10:15 a.m.<br><b>Report</b><br>Mr. Bruce Myers,<br>Cambridge<br>Associates                         | 35   |
| BR | EAK  | 10:40 a.m.   |      |
| 8. | U. T. System Board of Regents: Discussion of U. T.<br>System assets managed by The University of Texas<br>Investment Management Company (UTIMCO) in context<br>of U. T. System financial resources   | 10:55 a.m.<br><b>Report</b><br>Dr. Kelley  | 52   |

#### Friday, October 12, 2007 (continued)

| BU  | FFET LUNCH  | 11:30 a.m.   | Page |
|-----|---|--|------|
| 9.  | Report on Investment Strategy (working lunch)   | 11:45 a.m.<br><b>Report</b><br>Mr. Zimmerman                       | 63   |
| В.  | ADJOURN JOINT MEETING   | 1:00 p.m.  |      |
| C.  | RECONVENE MEETING OF THE BOARD OF REGENTS   | 1:30 p.m.  |      |
| D.  | CONSIDER AGENDA ITEMS   |  |      |
| 10. | U. T. System Board of Regents: Presentation regarding work of the Brackenridge Tract Task Force   | 1:30 p.m.<br><b>Report</b><br>Mr. Larry Temple                     | 98   |
| 11. | U. T. System Board of Regents: Approval of the U. T.<br>System-wide Internal Audit Plan for Fiscal Year 2008  | 2:45 p.m.<br><b>Action</b><br>Regent Estrada<br>Mr. Chaffin        | 99   |
| 12. | U. T. System Board of Regents: Amendment to Regents' <i>Rules and Regulations</i> , Series 60102, related to fees for institutional endowment compliance  | 2:50 p.m.<br><b>Action</b><br>Mr. Burgdorf<br>Dr. Safady           | 144  |
| 13. | U. T. System: Authorization to allow the Texas<br>Campus Compact, a 501(c)(3) nonprofit organization, to<br>occupy approximately 886 sq. ft. of space located at<br>702 Colorado Street, Austin, Texas; to provide certain<br>services; and finding of public purpose | 2:55 p.m.<br><b>Action</b><br>Mr. Burgdorf                         | 147  |
| 14. | U. T. System: Approval of allocation of Intermediate<br>Term Fund proceeds for System-wide projects   | 3:00 p.m.<br><b>Action</b><br>Dr. Kelley<br>Dr. Prior<br>Dr. Shine | 150  |
| 15. | U. T. System: Approval to form a Coordinating<br>Committee and provide for funding to advance the<br>Texas Alliance for Nanotechnology (TxAN) initiative<br>with The Texas A&M University System  | 3:10 p.m.<br><b>Action</b><br>Mr. Burgdorf                         | 157  |

#### Friday, October 12, 2007 (continued)

| E. | RECESS TO EXECUTIVE SESSION IN ACCORDANCE | 3:15 p.m. |
|----|---|-----------|
|    | WITH TEXAS GOVERNMENT CODE, CHAPTER 551   |           |

 Personnel Matters Relating to Appointment, Employment, Evaluation, Assignment, Duties, Discipline, or Dismissal of Officers or Employees – Section 551.074

U. T. System: Discussion and appropriate action regarding individual personnel matters relating to appointment, employment, evaluation, compensation, assignment, and duties of presidents (academic and health institutions), U. T. System Administration officers (Executive Vice Chancellors and Vice Chancellors), other officers reporting directly to the Board (Chancellor, General Counsel to the Board, and Director of Audits and System-wide Compliance Officer), and U. T. System and institutional employees

- Consultation with Attorney Regarding Legal Matters or Pending and/or Contemplated Litigation or Settlement Offers – Section 551.071
  - a. U. T. System: Discussion regarding legal issues related to the Texas Alliance for Nanotechnology (TxAN) initiative
     b. U. T. System Board of Regents: Discussion with Counsel on pending legal issues
- F. RECONVENE IN OPEN SESSION TO CONSIDER ACTION 3:25 p.m. ON EXECUTIVE SESSION ITEMS, IF ANY
- G. ADJOURN

3:30 p.m.

#### 1. U. T. System Board of Regents: Introductions

U. T. Board Chairman Huffines and UTIMCO Board Chairman Caven will introduce:

#### UTIMCO Directors

Chairman H. Scott Caven, Jr. Vice-Chairman Robert B. Rowling Vice-Chairman for Policy Mark G. Yudof Mr. Clint D. Carlson Mr. J. Philip Ferguson Ms. Colleen McHugh Mr. Ardon E. Moore Mr. Erle Nye Mr. Charles W. Tate

#### U. T. System Staff

Mr. Philip Aldridge, Associate Vice Chancellor for Finance
Mr. William Huang, Senior Financial Analyst
Mr. Barry Burgdorf, Vice Chancellor and General Counsel
Mr. James Philips, Senior Attorney, Office of General Counsel
Ms. Karen Lundquist, Attorney, Office of General Counsel
Ms. Francie Frederick, General Counsel to the Board of Regents
Mr. Charles Chaffin, Director of Internal Audit
Ms. Amy Barrett, Assistant Director of Internal Audit

#### UTIMCO Management

Mr. Bruce Zimmerman, Chief Executive Officer and Chief Investment Officer Ms. Cathy Iberg, President and Deputy Chief Investment Officer Ms. Cecilia Gonzalez, General Counsel

#### UTIMCO Board Advisors and Consultants

Dr. Keith Brown, Advisor to the Chairman, Fayez Sarofim Fellow and Professor of Finance, Red McCombs School of Business, U. T. Austin

Mr. Jerry Turner, Counsel, Vinson & Elkins LLP

Mr. Bruce Myers, Investment Consultant, Cambridge Associates LLC

Mr. Tom Wagner, Audit Partner, Deloitte & Touche

Mr. Gifford Fong, President, Gifford Fong Associates (not attending)

#### 2. U. T. System Board of Regents: Report on legislation and legal issues: Uniform Prudent Management of Institutional Funds Act (UPMIFA); Master Investment Management Services Agreement (IMSA); Board of Regents' Expectations of UTIMCO Directors

#### <u>REPORT</u>

Vice Chancellor and General Counsel Barry Burgdorf will discuss the current Master Investment Management Services Agreement (IMSA) and Ms. Cecilia Gonzalez, General Counsel to UTIMCO, will summarize issues related to the Uniform Prudent Management of Institutional Funds Act (UPMIFA). The Board of Regents' Expectations of UTIMCO Directors follows on Pages 3 - 7 as background information for this discussion.

#### U. T. System Board of Regents Expectations for Appointees to the UTIMCO BOARD OF DIRECTORS

#### **Overview of UTIMCO**

The University of Texas Investment Management Company ("UTIMCO"), a Texas nonprofit corporation qualified as a tax-exempt entity under Section 501(c)(3) of the Internal Revenue Code, was created for the sole purpose of managing the investment of funds under the control and management of the Board of Regents of The University of Texas System pursuant to authorization provided in Section 66.08 of the *Texas Education Code* (the "UTIMCO statute"). UTIMCO manages more than \$23.7 billion in total assets, comprised of approximately \$18.4 billion in endowment funds, including the Permanent University Fund (PUF), Permanent Health Fund (PHF), Long Term Fund (LTF), and Separately Invested Funds, and more than \$5.3 billion in centralized operating funds.

The corporate activities of UTIMCO are managed by its Board of Directors (the "UTIMCO Board"), subject to the Master Investment Management Services Agreement ("IMSA") between UTIMCO and the Board of Regents, the applicable provisions of the Board of Regents' *Rules and Regulations*, the UTIMCO statute, UTIMCO's Articles of Incorporation and Bylaws, and other applicable law.

The Chancellor of the U. T. System serves as the Vice Chairman for Policy.

- The Chancellor is charged by the UTIMCO Bylaws with coordination of responsibilities, including the appropriate resolution of policy issues, assigned to UTIMCO and to the U. T. System by the Regents' *Rules* to ensure implementation of UTIMCO's performance of core investment duties.
- The IMSA between the U. T. System Board of Regents and UTIMCO provides that unless otherwise provided in writing by the U. T. Board, "UTIMCO shall look to the Chancellor to provide primary oversight and management concerning relations with the media, legal issues that implicate policies of the U. T. Board other than the Investment Policies, public disclosure of information and intergovernmental relations. Except for the foregoing matters, the UTIMCO Board of Directors and the CEO of UTIMCO shall be responsible for making all decisions necessary to implement the Investment Policies. The CEO of UTIMCO shall confer with the Chancellor on the above-mentioned matters where the Chancellor has primary oversight and management and on other matters that may implicate broader policies of the U. T. Board."
- The Regents' *Rules*, Series 20101 and Series 70401 provide additional detail on these duties.

#### **Qualifications and Terms**

Pursuant to the UTIMCO statute, the UTIMCO Board consists of nine (9) members. The Chancellor of the U. T. System serves as a Director. The other members of the UTIMCO Board are appointed by the Board of Regents and must include at least three (3) current members of the Board of Regents and one person selected by the Board of Regents from a list of candidates with substantial expertise in investments submitted by the Board of Regents of the Texas A&M University System. Pursuant to the UTIMCO bylaws approved by the Board of Regents, the

three (3) Regental Directors serve two-year terms that expire on the first day of April of each odd-numbered year, and the external Directors serve three-year staggered terms that expire on the first day of April of the appropriate year. No external Director may serve more than three (3) full three-year terms. Any UTIMCO Director may be removed as a Director by the Board of Regents with or without cause and at any time.

#### **Operations and Resources**

The UTIMCO Board has delegated primary responsibility for certain functions to key chartered Board Committees:

- 1. Audit and Ethics Committee (Appointments approved by the Board of Regents)
- 2. Compensation Committee
- 3. Policy Committee
- 4. Risk Committee

U. T. System Administration staff provide oversight through the Office of Business Affairs, including the Office of Finance; the Office of General Counsel; Internal Audit; the System-wide Compliance Officer; and the General Counsel to the Board of Regents. UTIMCO Directors also have the benefit of professional independent consultants, including:

- 1. Investment consultants (Cambridge Associates);
- 2. Outside legal counsel (Vinson & Elkins);
- 3. Compensation consultants (Mercer Human Resources Group);
- 4. External auditors (Deloitte & Touche LLP);
- 5. Dr. Keith Brown, Professor of Finance at U. T. Austin, Advisor to the Chairman of the UTIMCO Board; and
- 6. Risk consultant (Gifford Fong Associates).

#### **Duties and Responsibilities**

By statute and charter, as a fiduciary under the IMSA, UTIMCO is dedicated to the sole purpose of investing funds under the management and control of the Board of Regents. In practice, the fiduciary duties of UTIMCO Directors are focused on the fulfillment of the Board of Regents' investment policy directives. As Directors of a nonprofit corporation, UTIMCO Directors' fiduciary duties also include:

- 1. Duty of care in prudently managing the corporation's investment management and other affairs;
- 2. Duty of loyalty, requiring the avoidance of conflicts of interest; and
- 3. Duty to avoid conduct that exceeds the chartered powers of the corporation.

**Investment Management Responsibilities:** The Board of Regents is the ultimate fiduciary responsible for all matters relating to the investment of the funds under its control, in accordance with the "prudent investor" standard of care established by the Texas Constitution, Texas Education Code, and other applicable law. This standard provides that the Board of Regents, in making investments, may acquire, exchange, sell, supervise, manage, or retain, through procedures and subject to restrictions it establishes and in amounts it considers appropriate, any kind of investment that prudent investors, exercising reasonable care, skill, and caution, would

acquire or retain in light of the purposes, terms, distribution requirements, and other circumstances of the fund then prevailing, taking into consideration the investment of all the assets of the fund rather than a single investment.

The Board of Regents delegates to UTIMCO as its fiduciary, under the management of the UTIMCO Board, authority to act for the Board of Regents in the investment of those funds, subject to limitations and restrictions articulated through the IMSA; the Board of Regents' investment policies; and other applicable laws, rules, and agreements. The UTIMCO Board's investment management authority, thus derived, includes the following investment management responsibilities:

- Review of the U. T. Board's current Investment Policies for each Fund at least annually by June 1 of each year. Such review shall include distribution (spending) guidelines, long-term investment return expectations and expected risk levels, asset allocation targets and ranges for each eligible asset class, expected returns for each asset class and fund, designated performance benchmarks for each asset class and such other matters as the U. T. Board or its staff designees may request.
- After UTIMCO completes its assessment, UTIMCO must forward any recommended changes to U. T. System staff for review and appropriate action.
- Oversee the investment management process pursuant to the Investment Policies. Such oversight shall include without limitation the development of an investment outlook based on global economic and capital market forecasts, the rebalancing of allocations to each asset class within ranges in response to changes in the investment outlook, and the selection of a combination of portfolio managers to construct portfolios designed to generate the expected returns of each asset class.
- Monitor and report on investment performance for each of the Funds. With respect to all Funds other than the SIFs, such responsibilities shall include the calculation and evaluation of investment returns for each asset class and individual Fund portfolio against approved benchmarks over various periods of time, and the periodic review of performance benchmarks. With respect to all Funds, such responsibilities shall also include the reporting of investment performance of such specific Funds as may be requested by the U. T. Board, and the reporting to regulatory agencies and others regarding investments under management to the extent required by applicable law.
- Develop and implement a risk management system to measure and monitor overall portfolio derivative exposure, risk levels, liquidity, and leverage.
- Monitor and enforce compliance with all investment and other policies and applicable law.
- Monitor termination of external managers in accordance with Delegation of Authority Policy and investment policies.

Some investment management responsibilities delegated to UTIMCO, including but not limited to the following, are expressly subject to Board of Regents approval:

• Analyze and recommend investment strategies for U. T. System funds managed by UTIMCO, including asset allocation targets, ranges, and performance benchmarks for each asset class (Exhibit A of the Fund Investment Policy Statements).

- Consider and recommend investments not covered by investment policy statements.
- Select one or more Custodians, each of which shall be approved by the U. T. Board, which shall also enter into or approve each agreement with the Custodian(s).
- Select, engage, and evaluate External Auditor(s) for the funds.
- Review and propose amendments to Board of Regents' policies related to the investment management of the U. T. System funds, including (not limited to):
  - 1. Investment Policy Statements for all U. T. System funds.
  - 2. Distribution (spending) guidelines, rates, and amounts as required.
  - 3. Liquidity Policy.
  - 4. Derivative Policy.

**Corporate Governance Responsibilities:** The UTIMCO Board manages the activities of the corporation, providing the primary governance and oversight of the CEO, other professionals employed by UTIMCO, and outside investment managers with whom funds have been invested. Management oversight responsibilities of the UTIMCO Board or UTIMCO Board Committees include the following:

- Monitor actual staffing, operating, and capital expenditures relative to approved budgets.
- Monitor compliance with the Delegation of Authority policy.
- Consider and approve actions outside the authority delegated to the CEO as required.
- Select, engage, and evaluate UTIMCO's outside counsel, custodian(s), external auditor(s) for the corporation, investment consultant(s) and risk consultant(s).
- Ensure compliance with UTIMCO's Code of Ethics, including conflict of interest policies and applicable law.
- Develop and administer a compensation plan, consistent with current regulations for determining reasonable compensation, to attract and retain high caliber investment professionals and support staff. With the exception of changes to the appendices, the Compensation Plan is subject to approval by the Board of Regents.
- Appoint, supervise, evaluate and compensate UTIMCO's CEO.
- Evaluate investment results against incentive compensation plan performance objectives; approve and recommend bonus compensation for UTIMCO's officers.
- Review and approve committee charters.
- Assure establishment and implementation of legally compliant and administratively effective personnel policies.
- Oversee implementation of accounting principles, policies, internal financial controls, and reporting in the spirit of the Sarbanes-Oxley Act.
- Oversee implementation of public disclosures in compliance with the Texas Public Information Act and other applicable law, in collaboration with the Chancellor/Vice Chairman for Policy.

Some corporate management responsibilities of the UTIMCO Board, including but not limited to the following, are expressly subject to approval by the Board of Regents:

- Review and approve the proposed annual UTIMCO operating and capital budgets, including incentive compensation, capital expenditures, and management fee allocations.
- Review, approve, and recommend key governance documents such as the Articles of Incorporation, Bylaws, and Code of Ethics.

• Approval of Performance Incentive Awards that will result in an increase of 5% or more of the total performance incentive awards calculated to the approved Performance Incentive Plan contained in the UTIMCO Compensation Program.

#### **Prohibited Transactions -- Conflicts of Interest**

The *UTIMCO Code of Ethics* ("Code") details, among other things, prohibitions on transactions between UTIMCO and entities controlled by UTIMCO Directors, as required by the UTIMCO statute and supplementing the general requirements under the Texas Non-Profit Corporation Act. Amendments to the Code are expressly subject to Board of Regents' approval.

The Code prohibits any transaction or agreement between UTIMCO and any investment fund or account managed by a UTIMCO Director as a fiduciary or agent for compensation. The Code prohibits agreements or transactions between UTIMCO and a business entity controlled by a UTIMCO Director or in which a UTIMCO Director owns five percent or more of the fair market value of the assets or of the voting stock or from which the director received more than five percent of his or her gross income for the preceding calendar year.

The Code prohibits a UTIMCO Director from investing in the private investments of a business entity in which UTIMCO contemporaneously owns a private investment. The Code also prohibits UTIMCO from investing in the private investments of a business entity in which a UTIMCO Director contemporaneously owns a private investment; provided, however, that a limited exception is available where the UTIMCO Director's private investment was acquired before the date the director assumed a position on the UTIMCO Board. For this purpose, "private investment" means any debt or equity interest that is not publicly traded, including a private investment in a public company.

#### **Application of the Texas Public Information Act**

UTIMCO and its officers, directors and employees are subject to the provisions of the Texas Public Information Act. Corporate documents, correspondence, and emails are subject to public inspection and duplication, unless specifically excepted from disclosure under the Act.

#### **Meeting Requirements**

UTIMCO Directors are expected to attend all regularly scheduled Board meetings which are typically held approximately every two months. In addition, special Board meetings may be scheduled from time to time with prior notice. The Texas Open Meetings Act applies to the UTIMCO Board, requiring that all deliberations of a quorum of the Board take place in open meetings after advance notice of the meeting is posted as required by the Act. Committee meetings are held as needed to address specific items within the Committee charters.

#### 3. <u>U. T. System Board of Regents: Report on The University of Texas</u> <u>Investment Management Company (UTIMCO) Board operations and</u> <u>committees</u>

#### <u>REPORT</u>

UTIMCO Chairman Caven will outline the UTIMCO Board Committee structure. Four Board committees assume primary responsibility for overseeing certain aspects of UTIMCO operations. The chairmen of the UTIMCO Board committees will describe the roles of their committees as follows:

- Audit and Ethics Committee, Chairman Erle Nye
- Risk Committee, Chairman Charles W. Tate
- Policy Committee, Chairman Robert B. Rowling
- Compensation Committee, Chairman J. Phillip Ferguson

The purposes of these four committees, as set forth in their respective charters, are outlined below.

#### Audit & Ethics Committee Charter Purpose:

The primary purpose of the Committee is to assist the UTIMCO Board in monitoring the financial and compliance functions of the Corporation and the investment funds managed on behalf of The University of Texas System Board of Regents (the "U. T. Board") to assure the balance, transparency, and integrity of published financial information. Specifically, the Committee is to assist the Board in monitoring:

- The integrity of the financial reporting process, the system of internal controls, the audit process, and the process for monitoring compliance with laws and regulations;
- The independence and performance of the Corporation's independent auditors;
- The independence and performance of the independent auditors selected by the U. T. Board to audit the investment funds managed by UTIMCO on their behalf;
- Internal audit functions performed by the U. T. System Audit Office;
- The Corporation's audit policies, ethics programs, and adherence to regulatory requirements; and
- The Corporation's enterprise risk management.

The Committee is responsible for maintaining free and open communication as well as effective working relationships among the Committee members, independent external auditors, U. T. System's internal auditors, and management of the Corporation. To perform his or her role effectively, each committee member will need to develop and maintain his or her skills and knowledge, including an understanding of the Committee's responsibilities and of the Corporation's activities, operations, and risks.

The Committee will take all appropriate actions to set the overall tone at the Corporation for quality financial reporting, sound risk practices, and ethical behavior.

#### **Risk Committee Charter Purpose:**

The primary purpose of the Committee is to provide oversight and monitor

- 1) Investment risk management and compliance;
- 2) The integrity of risk management procedures and controls;
- 3) The integrity of risk models and modeling processes; and
- 4) Liquidity of the Permanent University Fund (PUF), the General Endowment Fund (GEF), and the Intermediate Term Fund (ITF).

#### Policy Committee Charter Purpose:

The primary purpose of the Committee is to provide oversight and to monitor:

- 1. The development and amendment of UTIMCO Board Policies and Corporate Documents;
- Recommendations concerning the development and amendment of investmentrelated policies of The University of Texas System Board of Regents (U. T. Board) related to the management of funds under the control and management of the U. T. Board; and
- 3. Recommendations concerning the amendment of the Investment Management Services Agreement, Code of Ethics, and Bylaws.

#### **Compensation Committee Charter Purpose:**

The primary purpose of the Committee is to provide oversight of the compensation system for officers and employees of the Corporation. The committee has the following duties and responsibilities:

- Recommend to the Board the base salary and performance compensation award of the CEO;
- Approve base salaries of all officers except the CEO;
- Recommend to the Board the Performance Compensation Plan and any amendments thereto and the eligible employees; and
- Approve Performance Compensation awards for eligible employees except the CEO.

#### 4. <u>U. T. System Board of Regents: The University of Texas Investment</u> <u>Management Company (UTIMCO) Update</u>

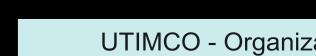
Mr. Bruce Zimmerman, Chief Executive Officer and Chief Investment Officer of The University of Texas Investment Management Company (UTIMCO), will report on the UTIMCO organizational structure, corporate performance, investment performance, control environment, reporting/communication enhancements, and investment focus, using the PowerPoint presentation set forth on Pages 10 - 16.



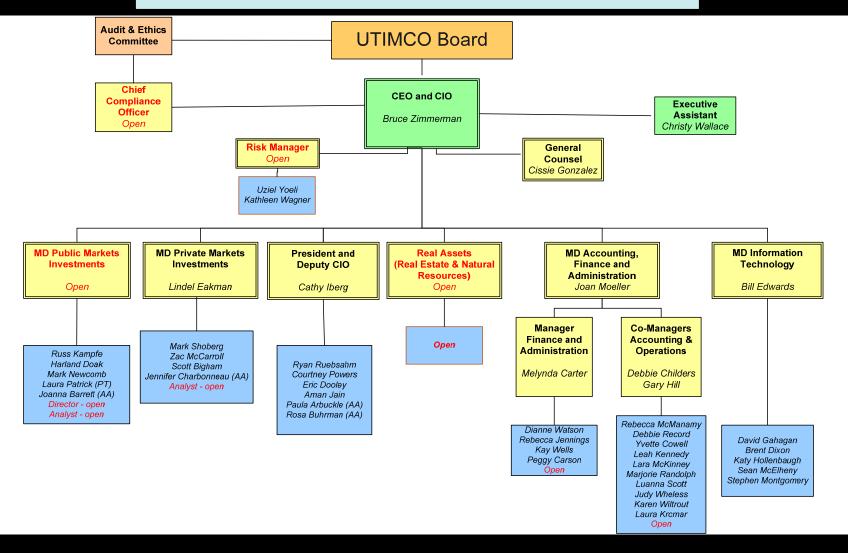
THE UNIVERSITY OF TEXAS INVESTMENT MANAGEMENT COMPANY

### **UTIMCO Update**

Joint Meeting of The University of Texas System Board of Regents and UTIMCO Board of Directors October 12, 2007



#### **UTIMCO - Organizational Structure**



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| UTIMCO Services (\$ in thousands)<br>Employee Related Expenses: | 2006/07<br>Budget | 2006/2007<br>Est Actual |                   | 2007/08    | Rat ve             |
|---|-------------------|-------------------------|-------------------|------------|--------------------|
|   |                   |                         | 2007/08<br>Budget | 2007/08 E  |                    |
|   |                   |                         | 5                 | \$         | %                  |
| Employee Related Expenses:                                      |                   |                         |                   |            |                    |
|   |                   |                         |                   |            |                    |
| Salaries  | \$5,910           | \$4,909                 | \$6,011           | \$1,102    | 22%                |
| Bonus   | 2,871             | 2,247                   | 3,258             | 1,011      | 45%                |
| Employee Benefits   | 1,035             | 750                     | 1,177             | 427        | 43 <i>%</i><br>57% |
|   | 380               | 302                     | 418               | 116        | 38%                |
| Payroll taxes   |                   |                         |                   |            |                    |
| Hiring, Recruiting, Relocation Expenses                         | 324               | 395                     | 440               | 45         | 11%                |
| Compensation Consultant   | 12                | 13                      | 120               | 107        | 823%               |
| Employee Education, Dues, Memberships &                         | 242               | 114                     | 153               | 20         | 34%                |
| Subscriptions   |                   |                         |                   | 39         |                    |
| Total Employee Related  | 10,774            | 8,730                   | 11,577            | 2,847      | 33%                |
| Non - Employee Related Expenses:                                |                   |                         |                   |            |                    |
| Travel & Meetings   | 356               | 184                     | 406               | 222        | 121%               |
| On-Line Data & Contract Services                                | 702               | -                       | 772               | 39         | 5%                 |
| Lease Expense   | 689               | 735                     | 943               | 167        | 22%                |
|   | 532               | 566                     | 608               | 42         | 7%                 |
| Depreciation  |                   |                         |                   |            |                    |
| Insurance   | 262               | 250                     | 252               | 2          | 1%                 |
| Legal Expenses  | 295               | 567                     | 360               | (207)      | -37%               |
| Office Expense and Other  | 331               | 373                     | 452               | 79         | 21%                |
| Total Non-employee Related                                      | 3,167             | 3,449                   | 3,793             | 344        | 10%                |
| Total UTIMCO Services   | 13,941            | 12,179                  | 15,370            | 3,191      | 26%                |
|   |                   |                         | ^                 |            |                    |
| Direct Costs to Funds, excludin                                 | g investmen       | t manager o             | osts              |            |                    |
|   |                   |                         |                   |            |                    |
| Custodian Fees and other direct costs                           | 1,260             | 1,532                   | 1,536             | 4          | 0%                 |
| Perf Measure, Analytic tools, Risk Measure                      | 1,767             | 1,471                   | 1,530             | 59         | 4%                 |
| Custodian and Analytical Costs                                  | 3,027             | 3,003                   | 3,066             | 63         | 2%                 |
|   | 2,521             | 2,200                   | 2,200             |            | 270                |
| Consultant Fees   | 1,356             | 1,289                   | 1,325             | 36         | 3%                 |
| Auditing  | 329               | 314                     | 754               | 440        | 140%               |
| -   | 985               | -                       | 1,100             | 440<br>274 | 33%                |
| Legal Fees  |                   | 826                     |                   |            |                    |
| Other   | 289               | 203                     | 265               | 62         | 31%                |
| Other Directs Total   | 2,959             | 2,632                   | 3,444             | 812        | 31%                |
| Total Direct Costs to Funds, excluding                          |                   |                         |                   |            |                    |
| investment manager costs  | 5,986             | 5,635                   | 6,510             | 875        | 16%                |
|   |                   |                         |                   |            |                    |
| Total   | \$19,927          | \$17,814                | \$21,880          | \$4,066    | 23%                |



### **Investment Performance**

#### Investment Performance Summary Fiscal Year to Date 2007

| Assets (millions)                         | <b>PUF</b>      | <b><u>GEF</u></b> | <b>ITF</b>     | <b>STF</b>   | TOTAL           |
|---|-----------------|-------------------|----------------|--------------|-----------------|
|   | \$ 11,743       | \$ 6,433          | \$ 3,721       | \$ 1,404     | \$ 23,512 (1)   |
| <b>Returns</b> %                          | 15.34%          | 15.90%            | 10.62%         | 5.39%        | n/a             |
| in millions                               | \$1,640         | \$929             | \$ 377         | \$70         | \$ 3,016        |
| vs. Objectives<br>%<br>in millions        | 7.24%<br>\$741  | 7.80%<br>\$439    | 5.60%<br>\$175 | n/a<br>n/a   | n/a<br>\$ 1,354 |
| <b>vs. Benchmarks</b><br>%<br>in millions | 1.96%<br>\$ 199 | 2.52%<br>\$ 141   | 2.15%<br>\$73  | 0.10%<br>n/a | n/a<br>\$ 413   |

(1) Includes \$211 in Separately Invested Assets



# **Control Environment**

- Risk Management
  - Board Risk Committee
  - Risk Budget and Derivatives Policy
  - Risk Dashboard
  - Asset Allocation Ranges
  - Liquidity Policy
  - Enterprise Risk Management
- Compliance
  - Board Audit and Ethics Committee
  - Chief Compliance Officer
  - Internal Ethics and Compliance Committee
  - UT System Institutional Compliance
- Audit
  - Board Audit and Ethics Committee
  - UT System Internal Audit (five audits in 18 months)
  - Deloitte & Touche External Audit (seven audits)

## TIMCO 7996

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# **Reporting/Communication Enhancements**

- Revised Board Reporting Package
- Integrated Return and Risk Reporting
- Tactical Allocation Impact
- Hedge Fund, Private Equity and Public Markets
   Portfolio Transparency
- Derivative Exposure
- UT System Engagement/Dialogue



# **Investment Focus**

- Retain and Attract High Caliber Professionals
- Investment Process and Committee
- Real Assets
  - Global Private Real Estate
  - Natural Resources
- Global and Emerging Markets
- Opportunistic Activities

#### 5. <u>U. T. System Board of Regents: Report on Investment Management Cost</u> <u>Effectiveness</u>

#### <u>REPORT</u>

Dr. Scott C. Kelley, Executive Vice Chancellor for Business Affairs, will report on the cost effectiveness of UTIMCO's investment management of the U. T. System assets. The presentation, set forth on Pages 18 - 23, shows value added and total actual costs for Fiscal Years 2002-2006. The value added by UTIMCO is based on an analysis performed by Cambridge Associates, as set forth on Pages 24 - 29.

UTIMCO's performance added nearly \$1.13 billion in value during the five fiscal years ending August 31, 2006, net of all investment management costs. Value was added despite the fact that total investment management costs increased 21.4% in Fiscal Year 2006 and have more than doubled as a percent of assets managed since Fiscal Year 2002.



#### **Investment Management Cost Effectiveness**

Five-Year Actual Trends through FY2006 FY2007 Budgets and Estimated Costs

> **Cathy Swain, CFA** Director of Investment Oversight

> > February 15, 2007

#### Acknowledgement:

In addition to Cambridge Associates, special thanks for contributions to this report extend to UTIMCO and U. T. System Department of Finance staff, notably to Gary Hill and William Huang, whose relentless pursuit of accuracy and completeness contributed to the integrity of the data and analysis.

#### **Investment Management Cost Effectiveness**

#### I. Executive Summary

This report summarizes the analysis of the cost effectiveness of UTIMCO's investment management of the U. T. System assets, comparing value added and total actual costs<sup>i</sup> for fiscal years 2002-2006 and a forecast for FY07, based on UTIMCO's FY07 budget, estimates provided by UTIMCO, and value added analysis provided by Cambridge Associates. Highlights are:

- 1. **UTIMCO performance added nearly \$1.13 billion in value during the five fiscal years** ending August 31, 2006, net of all investment management costs.
- 2. Cumulative total investment management costs of approximately \$846 million during the past five fiscal years were recovered plus a factor of **1.3 times**.
- 3. Total costs increased 21.4% in one year FY06.
- 4. Over the five-year period total costs more than doubled as a percent of assets managed:a. More than 2.5 times in dollar terms.
  - b. From 0.66% of average annual assets under management in FY02 to 1.35% in FY06.
  - c. From nearly \$91 million in FY02 to **\$261 million in FY06**.
- 5. We recommend updating a peer cost comparison, emphasizing third party manager fees and expenses which dominate our costs.

#### II. Value Added: FY02 - FY06

Cambridge Associates' calculations of UTIMCO's value added performance, net of all fees and expenses, for the PUF and the GEF, for the past five fiscal years ending August 31, 2006, are reported in a memorandum dated February 6, 2007, and appended to this report. The calculations estimate how much value UTIMCO has added by: 1) tactically shifting allocations within approved policy asset class ranges; and 2) selecting active external managers for approved asset classes.

Table 1 below summarizes UTIMCO's value added in dollar terms, and as a multiple of total costs and of performance fees paid to third party managers. There does not appear to be a smooth correlation between value added and performance fees or total costs. (See discussion of "Performance Fees.") Of the total **\$1.13 billion** value added during the five years, 62% was achieved in FY03; total cumulative costs of **\$846 million** were recovered by value added plus **1.3 times**; and total value added equaled a multiple of **3.3 times** total performance fees.

| Table 1  |
|--|
| UTIMCO Value Added versus Total Costs and Performance Fees |
| Five-Year Comparison: FY02-FY06                            |

|                             |       | \$Million | <b>Times Value Added</b> |         |             |  |
|-----------------------------|-------|-----------|--------------------------|---------|-------------|--|
|                             | Value | Total     | Performance              | Total   | Performance |  |
| Fiscal Year                 | Added | Costs     | Fees                     | Costs   | Fees        |  |
| FY06                        | (170) | 261       | 111                      | (0.7) X | (1.5) X     |  |
| FY05                        | 458   | 215       | 105                      | 2.1 X   | 4.3 X       |  |
| FY04                        | 206   | 157       | 66                       | 1.3 X   | 3.1 X       |  |
| FY03                        | 701   | 123       | 48                       | 5.7 X   | 15.5 X      |  |
| FY02                        | (66)  | 91        | 16                       | (0.7) X | (4.1) X     |  |
| <b>Five-Year Cumulative</b> | 1,129 | 846       | 347                      | 1.3 X   | 3.3 X       |  |

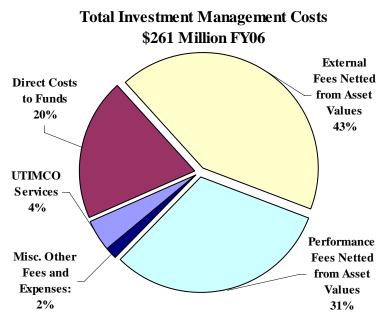
<sup>&</sup>lt;sup>i</sup> Costs do not include transaction and other direct expenses that third party managers deduct from net asset values.

#### III. Total Investment Cost Trends: FY02 - FY06

The chart illustrates that in FY06 management and performance fees and expenses netted from asset values in mutual funds, partnerships, and hedge funds managed by third parties comprised nearly

three-quarters of total investment management costs. UTIMCO does not budget for these expenses, which is typical practice for institutional investors because fees tied to asset values and performance are impossible to predict. UTIMCO staff does track these fees and expenses, however, and has forecast them for FY07, assuming that the policy portfolio target return of 8.34% is achieved.

UTIMCO services represented only 4% of total investment management costs in FY06; budgeted costs (UTIMCO services, direct costs to funds, and other fees and expenses) represented about 26% of total costs.



**UTIMCO Services** costs support administration and reporting for funds totaling more than \$22 billion, for all donors, and for the benefit of all fifteen U. T. institutions as well as several other related institutions and TAMU; direct investment of about \$5.0 billion in assets (24% of endowments, 20% of operating funds) plus derivative investments totaling nearly \$4.0 billion in gross notional value; and selection and monitoring of third party managers for approximately \$16.6 billion (76% of endowments, 80% of operating funds).

**Direct Costs to Funds** are budgeted expenses paid directly by the funds, including management and performance fees for third party "agents," custody, legal, audit, consulting, and risk management system costs.

**Miscellaneous other fees and expenses** (.02% of total average AUM) are budgeted by and paid to U. T. System Institutions and Administration, and include the education fee, endowment compliance fee, investment oversight fee, and audit expenses.

**Total costs have followed an accelerating upward trend over the past five years**, increasing in dollar terms more than 21% in FY06 alone. This trend reflects the shifting investment strategy to more expensive "alternative" asset classes, active management style, and performance-based fees, with higher fees paid to third party managers. Tables 2 and 3 summarize actual costs for the five fiscal years ending August 31, 2006, with estimates for FY07, in millions of dollars and as a percent of average assets under management (AUM).

AUM includes operating funds for all years. UTIMCO staff estimate that average AUM will increase 10% during FY07. Asset values and expenses (\$5.3 million in FY06) associated with PUF West Texas Lands are not included. Centralization of operating funds contributes to higher costs in FY06 and FY07, and performance of the ITF shows positive value added relative to its policy portfolio during the seven months it was operational in FY06.

| Table 2  |
|--|
| U. T. System Total Investment Cost Trend Summary |

|   |       |       |       |       |       | Five-<br>Year | Budget/<br>Estimate |
|---|-------|-------|-------|-------|-------|---------------|---------------------|
| (\$ millions)                                   | FY02  | FY03  | FY04  | FY05  | FY06  | Cum.          | FY07                |
| UTIMCO Services                                 | 5.0   | 7.6   | 8.8   | 10.2  | 11.3  | 43            | 13.9                |
| Direct Costs to Funds                           | 20.1  | 16.0  | 25.5  | 33.8  | 52.3  | 148           | 43.4                |
| External Fees Netted from Asset Values          | 50.6  | 52.7  | 62.5  | 76.5  | 111.3 | 354           | 138.0               |
| Performance Fees Netted from Investment Returns | 12.0  | 44.0  | 56.9  | 90.5  | 81.6  | 285           | 83.3                |
| Miscellaneous Other Fees and Expenses:          | 2.9   | 3.0   | 3.0   | 3.8   | 4.4   | 17            | 5.1                 |
| TOTAL INVESTMENT MANAGEMENT COSTS               | 90.6  | 123.3 | 156.7 | 214.8 | 260.9 | 846           | 283.8               |
| TOTAL % OF AVERAGE ASSETS MANAGED               | 0.66% | 0.88% | 1.01% | 1.25% | 1.35% |               | 1.33%               |

Table 3 U. T. System Total Investment Cost Summary UTIMCO TOTAL INVESTMENT COST SUMMARY

|   |        |        |        |        |        | Five-<br>Year | Budget/<br>Estimate |
|---|--------|--------|--------|--------|--------|---------------|---------------------|
| (\$ millions)   | FY02   | FY03   | FY04   | FY05   | FY06   | Cum.          | FY07                |
| AVERAGE TOTAL ASSETS UNDER MANAGEMENT (AUM)   | 13,716 | 14,034 | 15,470 | 17,245 | 19,372 |               | 21,311              |
| UTIMCO BUDGETED EXPENSES:   |        |        |        |        |        |               |                     |
| UTIMCO Services Expenses  | 4.97   | 7.61   | 8.63   | 10.17  | 11.34  | 43            | 13.94               |
| UTIMCO Services % of AUM  | 0.04%  | 0.05%  | 0.06%  | 0.06%  | 0.06%  | - 10          | 0.07%               |
| Direct Costs to Funds   | 20.10  | 16.05  | 25.51  | 33.84  | 52.28  | 148           | 43.42               |
| Direct Costs to Funds % of AUM  | 0.15%  | 0.11%  | 0.16%  | 0.20%  | 0.27%  | 100           | 0.20%               |
| Total UTIMCO Budgeted Expenses Paid Directly<br>Total UTIMCO Budgeted Expenses Paid Directly % of AUM | 25.07  | 23.65  | 34.13  | 44.00  | 63.62  | 190           | 57.36               |
|   | 0.18%  | 0.17%  | 0.22%  | 0.26%  | 0.33%  |               | 0.27%               |
| EXTERNAL MANAGEMENT FEES NETTED FROM ASSET VALUES:  |        |        |        |        |        |               |                     |
| Non-Marketable Alternative Assets - Private Capital <sup>1</sup>                                      | 36.00  | 32.10  | 36.50  | 38.60  | 44.20  | 187           | 54.60               |
| Marketable Alternative Assets - Hedge Funds   | 11.80  | 16.40  | 20.30  | 30.50  | 48.11  | 127           | 57.70               |
| Public Markets Assets   | -      | -      | -      | 2.90   | 15.54  | 18            | 22.46               |
| Mutual Fund Assets - Management Fees  | 2.80   | 4.20   | 5.70   | 4.50   | 3.42   | 21            | 3.26                |
| Total External Mgmt. Fees Netted from Asset Values  | 50.60  | 52.70  | 62.50  | 76.50  | 111.27 | 354           | 138.02              |
| Total External Mgmt. Fees Netted from Asset Values % of AUM   | 0.37%  | 0.38%  | 0.40%  | 0.44%  | 0.57%  |               | 0.65%               |
| Total Direct Expenses & Netted External Mgmt. Fees w/o Perf. <sup>2</sup>                             | 75.67  | 76.35  | 96.63  | 120.50 | 174.89 | 544           | 195.38              |
| Total Direct Expenses & Netted External Mgmt. Fees w/o Perf. % of AUM                                 | 0.55%  | 0.54%  | 0.62%  | 0.70%  | 0.90%  |               | 0.92%               |
| PERFORMANCE FEES NETTED FROM ASSET VALUES:  |        |        |        |        |        |               |                     |
| Marketable Alternative Assets - Performance Fees  | 12.00  | 44.00  | 56.90  | 90.50  | 72.93  | 276           | 62.70               |
| Public Markets Assets - Performance Fees  | -      | -      | -      | -      | 8.64   | 9             | 20.65               |
| Total Performance Fees Netted from Asset Values   | 12.00  | 44.00  | 56.90  | 90.50  | 81.58  | 285           | 83.35               |
| Total Performance Fees Netted from Asset Values % of AUM  | 0.09%  | 0.31%  | 0.37%  | 0.52%  | 0.42%  |               | 0.39%               |
| TOTAL UTIMCO COSTS INCLUDING PERFORMANCE FEES   | 87.7   | 120.4  | 153.5  | 211.0  | 256.5  | 829           | 278.7               |
| Total UTIMCO Costs including Performance Fees % of AUM  | 0.64%  | 0.86%  | 0.99%  | 1.22%  | 1.32%  |               | 1.31%               |
| U. T. SYSTEM FEES AND EXPENSES:   |        |        |        |        |        |               |                     |
| Education Fee (LTF Only)  | 0.55   | 0.54   | 0.67   | 0.76   | 0.86   | 3             | 0.93                |
| Endowment Compliance Fee (LTF only; paid to U. T. Institutions) <sup>3</sup>                          | 2.38   | 2.44   | 2.38   | 2.53   | 2.72   | 12            | 3.14                |
| U. T. System Internal Audit Fee   | -      | -      | -      | 0.03   | 0.03   | 0             |                     |
| Investment Oversight Fee U. T. System Finance   | -      | -      | -      | 0.50   | 0.78   | 1             | 1.01                |
| Total U. T. System Fees and Expenses  | 2.93   | 2.98   | 3.05   | 3.82   | 4.39   | 17            | 5.08                |
| Total U. T. System Fees and Expenses % of AUM   | 0.02%  | 0.02%  | 0.02%  | 0.02%  | 0.02%  |               | 0.02%               |
| TOTAL INVESTMENT MANAGEMENT COSTS   | 90.6   | 123.3  | 156.6  | 214.8  | 260.8  | 846           | 283.8               |
| TOTAL INVESTMENT MANAGEMENT COSTS % OF AUM  | 0.66%  | 0.88%  | 1.01%  | 1.25%  | 1.35%  |               | 1.33%               |
|   |        |        |        |        |        |               |                     |

Notes:

Private capital partnership expenses that are netted from asset values include management fees and other expenses paid by the partnerships, but do not include carried interests of general partners. The actual number for FY06 (K1's) will not be available until late spring.
 "Total Direct Expenses & Netted External Mgmt. Fees w/o Perf." reported in Table 3 above are comparable to the Cambridge Associates "UTIMCO Cost Study," completed May 5, 2005. (See V. Peer Comparisons.)

3. Endowment compliance fees (the largest component of U. T. System fees and expenses) are for the Long Term Fund only, not the PUF, and are paid directly to the institutions.

<sup>4</sup>. Texas A&M shares fees and expenses indirectly, with reduced net asset value of their one third share of the PUF.

#### **IV.** Performance Fees

Performance fees paid to third party managers have increased from \$16 million in FY02 (0.12% of average AUM) to a high of \$111 million (0.61% of average AUM in FY05, 0.54% of average AUM in FY06). In two of the past five years performance fees were paid when value added was less than zero because some managers exceeded their individual benchmarks, even though the portfolios overall under-performed policy benchmarks. Derivative positions and other fixed income assets managed internally also influenced overall performance.

Table 4 shows performance fees paid directly to managers under external agency contracts and those netted from asset values for marketable alternatives (hedge funds); public markets investments in mutual funds and limited partnerships; and other funds. Performance fees netted from asset values in public markets investments were tracked separately only during FY06. Performance fees (including carried interests) netted from asset values of private capital limited partnerships are not tracked separately.

| Table 4                                   |                                   |       |       |       |       |                       |                             |  |  |  |
|---|-----------------------------------|-------|-------|-------|-------|-----------------------|-----------------------------|--|--|--|
| Performance Fo                            | Performance Fee Summary FY02-FY07 |       |       |       |       |                       |                             |  |  |  |
| (\$ millions)                             | FY02                              | FY03  | FY04  | FY05  | FY06  | Five-<br>Year<br>Cum. | Budget/<br>Estimate<br>FY07 |  |  |  |
| UTIMCO Services                           | 5.0                               | 7.6   | 8.8   | 10.2  | 11.3  | 43                    | 13.9                        |  |  |  |
| Direct Costs to Funds                     | 20.1                              | 16.0  | 25.5  | 33.8  | 52.3  | 148                   | 43.4                        |  |  |  |
| External Fees Netted from Asset Values    | 50.6                              | 52.7  | 62.5  | 76.5  | 111.3 | 354                   | 138.0                       |  |  |  |
| Performance Fees Netted from Asset Values | 12.0                              | 44.0  | 56.9  | 90.5  | 81.6  | 285                   | 83.3                        |  |  |  |
| Miscellaneous Other Fees and Expenses:    | 2.9                               | 3.0   | 3.0   | 3.8   | 4.4   | 17                    | 5.1                         |  |  |  |
| TOTAL INVESTMENT MANAGEMENT COSTS         | 90.6                              | 123.3 | 156.7 | 214.8 | 260.8 | 846                   | 283.8                       |  |  |  |
| TOTAL % OF AVERAGE ASSETS MANAGED         | 0.66%                             | 0.88% | 1.01% | 1.25% | 1.35% |                       | 1.33%                       |  |  |  |

Table 4

#### V. **Peer Comparisons**

Although benchmarking investment management costs with comparable peer data has proven to be quite challenging, we are prepared to discuss ideas to move forward with a recommendation to update peer cost comparisons, with an emphasis on fees and expenses of third party managers that dominate our costs. Selecting a peer group for cost comparisons should seek institutional investors that are comparable to UTIMCO in size and asset mix.

- 1. The investment management business offers tremendous economies of scale: i.e., the larger the commitment of funds, the lower the fees.
- 2. Asset mix has a major impact on overall costs; i.e., "alternative" assets and active management are more costly than traditional indexing.

Cambridge Associates completed a study in 2005 comparing UTIMCO expenses to a privately surveyed group of large public and private endowments for the twelve months ending June 30, 2004. Cost increases as a percent of AUM in FY06 placed UTIMCO above the FY04 median for the both private and public endowments surveyed. The study excluded performance fees for hedge funds, partnerships, and mutual funds because comparable peer data was not available.

The 2006 NACUBO Endowment Study recently released the results of its survey with data as of June 30, 2006, and data related to investment management costs is not comparable to data reported by UTIMCO. Table 5 below summarizes how institutions pay performance fees. None reported paying fees for performance "in excess of inflation;" and nearly half of the public institutions reported that they pay performance-based fees on some basis "other" than relative performance, absolute return, or sharing of profits.

| How Institutions Pay Performance-Based Fees (%) |                         |                    |                       |                           |       |  |  |  |
|---|-------------------------|--------------------|-----------------------|---------------------------|-------|--|--|--|
| Investment Pool Assets:                         | Relative<br>performance | Absolute<br>Return | Sharing of<br>profits | In Excess<br>of Inflation | Other |  |  |  |
| Greater than \$1 Billion                        | 32.6                    | 19.6*              | 36.4                  |                           | 17.4* |  |  |  |
| Full Sample                                     | 20                      | 26.7               | 16.9                  |                           | 36.4  |  |  |  |
| Public  | 17.9                    | 17.9               | 16.6                  |                           | 47.7  |  |  |  |
| Independent                                     | 20.9                    | 30.7               | 17                    |                           | 31.3  |  |  |  |

|                      | Table 5                    |
|----------------------|----------------------------|
| How Institutions Pay | Performance-Based Fees (%) |

Source: 2006 NACUBO Endowment Study (NES). 468 institutions provided performance-based fee information. Table data are equal-weighted.

\*Fewer than 10 institutions responding.



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# M E M O R A N D U M TO: Scott Caven, Chairman The University of Texas Investment Management Company

| FROM: | Jeanne Rogers                             |
|-------|---|
|       | Bruce Myers                               |
|       | Hamilton Lee                              |
|       | Paige Roberts                             |
| DATE: | February 12, 2007                         |
| RE:   | Value Added from UTIMCO Active Management |

We have been asked to determine the value added from UTIMCO active management over the last five years as a continuation of the same work done last year on this topic. To that end, we have enclosed three exhibits. All the exhibits have been prepared using performance calculations provided by UTIMCO, and we have independently determined such calculations to be the result of an appropriate methodology consistently applied.

#### **Basis Point Calculation (Exhibits 1 & 2)**

#### Have tactical moves by UTIMCO added value?

The first two exhibits attempt to disaggregate UTIMCO performance for the PUF (Exhibit One) and the GEF (Exhibit Two). The first level of analysis is an attempt to isolate the value added from tactical overweights and underweights made by UTIMCO at the asset class level. To do this, we calculated the performance of the approved target allocation, and that is reflected in column A. The calculation shown in column A was derived by multiplying the approved target allocation for each asset class by the return of the benchmark approved by the Board of Regents for that same asset class. Accordingly, Column B is derived by multiplying the actual asset class weights (as opposed to the target weights) by the return of the benchmarks approved by the Board of Regents. Because the passive benchmarks are used as the return stream for each asset class, no benefit to manager selection or manager alpha is included, but the additions (or subtractions) to return for the tactical asset class overweight or underweight is captured. As shown in the column labeled "B-A Historical Allocation versus Target" the tactical asset class shifts have added 130 basis points and 150 basis points for the PUF and GEF respectively for the five year period and have been positive for each time period except for the most recent year.

#### Has manager selection added value?

Lastly, the effect of manager selection and manager alpha was isolated by taking the actual performance (net of fees and manager expenses) for the PUF and GEF and comparing that to the returns derived in Column B.

#### Scott Caven The University of Texas Investment Management Company

As shown in the column labeled "C-B Manager Selection versus Allocation" the effects of active management and manager selection have added to returns in all periods, with the exception of the last year.

#### **Dollars of Value Added (Exhibit 3)**

Exhibit Three attempts to do two things. The first is to roll up the value added in the PUF and the GEF into a total pool value added calculation and the second is to convert basis points into dollars. As shown in that exhibit, tactical overweights/underweights (Column B-A on the previous exhibits) and the effects of manager selection (Column C-B on the previous exhibits) have added over \$1.1 billion in value over the last five years (net of all fees), though they have detracted from returns in the last year.

#### **Basis Point and Dollars of Value Added for the ITF (Exhibit 4)**

Due to the recent inception of the ITF, we analyzed this fund separately from the others. However, consistent with the methodology used for the other funds, the column labeled "B-A Historical Allocation versus Target" shows that the tactical asset class shifts have added 30 basis points to performance since inception. Additionally, the column labeled "C-B Manager Selection versus Target" demonstrates that active management has added 10 basis points of performance since inception. Finally, the combination of tactical asset class shifts and active management have added approximately \$10.5 million of value since the fund's inception.

We would be happy to answer any questions raised by this report and hope that this analysis was informative.

cc: Cathy Iberg, Interim CEO, UTIMCO Cathy Swain, UT System Office of Investment Oversight

#### UTIMCO - PUF EFFECTS OF ACTIVE PORTFOLIO MANAGEMENT (As of 8/31/06)

|       | (A)<br>Torrat                       | (B)<br>Historical         | (C)                   |
|-------|-------------------------------------|---------------------------|-----------------------|
| AACRs | Target<br>Allocation<br>Performance | Allocation<br>Performance | Actual<br>Performance |
| 1 YR  | 12.5                                | 11.8                      | 11.2                  |
| 2 YR  | 13.8                                | 14.1                      | 14.9                  |
| 3 YR  | 13.5                                | 14.1                      | 14.9                  |
| 4 YR  | 11.8                                | 12.7                      | 14.1                  |
| 5 YR  | 7.8                                 | 9.0                       | 9.5                   |

#### VALUE ADDED BY (bps):

| Time<br>Span | (B-A)<br>Historical<br>Allocation<br>(v. Target) | (C-B)<br>Manager<br>Selection<br><u>(v. Allocation)</u> |
|--------------|--|---|
| 1 YR         | -70  | -70   |
| 2 YR         | 30   | 80  |
| 3 YR         | 60   | 80  |
| 4 YR         | 100  | 140   |
| 5 YR         | 130  | 50  |

*Target Allocation* shows the performance of a portfolio invested in passive index instruments according to the weightings of UTIMCO's target allocation.

*Historical Allocation* shows the performance of a portfolio invested in passive index instruments according to the historical allocation of UTIMCO's portfolio.

Actual Performance is the true historical performance of UTIMCO's portfolio.

#### UTIMCO - GEF EFFECTS OF ACTIVE PORTFOLIO MANAGEMENT (As of 8/31/06)

|       | (A)<br>Terret                       | (B)<br>Historical                       | (C)                   |
|-------|-------------------------------------|---|-----------------------|
| AACRs | Target<br>Allocation<br>Performance | Historical<br>Allocation<br>Performance | Actual<br>Performance |
| 1 YR  | 12.5                                | 12.0                                    | 11.1                  |
| 2 YR  | 13.8                                | 14.2                                    | 14.9                  |
| 3 YR  | 13.5                                | 14.2                                    | 14.9                  |
| 4 YR  | 11.8                                | 12.9                                    | 14.3                  |
| 5 YR  | 7.8                                 | 9.3                                     | 9.7                   |

#### VALUE ADDED BY (bps):

| Time<br>Span | (B-A)<br>Historical<br>Allocation<br>(v. Target) | (C-B)<br>Manager<br>Selection<br>(v. Allocation) |
|--------------|--|--|
| 1 YR         | -50  | -90  |
| 2 YR         | 40   | 70   |
| 3 YR         | 70   | 70   |
| 4 YR         | 120  | 140  |
| 5 YR         | 150  | 40   |

*Target Allocation* shows the performance of a portfolio invested in passive index instruments according to the weightings of UTIMCO's target allocation.

*Historical Allocation* shows the performance of a portfolio invested in passive index instruments according to the historical allocation of UTIMCO's portfolio.

Actual Performance is the true historical performance of UTIMCO's portfolio.

#### UTIMCO - COMBINED POOL Value Added By Acitve Management Over Time (As of 8/31/06)

| TIME<br>Years | PUF<br>(\$Millions) | GEF<br>(\$Millions) | Combined Pool<br>(\$Millions) |
|---------------|---------------------|---------------------|-------------------------------|
| 1 year        | (\$115.33)          | (\$65.28)           | (\$180.61)                    |
| 2 years       | \$183.48            | \$93.91             | \$277.39                      |
| 3 years       | \$318.99            | \$164.19            | \$483.18                      |
| 4 years       | \$761.42            | \$422.88            | \$1,184.30                    |
| 5 years       | \$702.55            | \$416.00            | \$1,118.55                    |
|               |                     |                     |                               |
| 2006          | (\$115.33)          | (\$65.28)           | (\$180.61)                    |
| 2005          | \$298.81            | \$159.18            | \$458.00                      |
| 2004          | \$135.50            | \$70.28             | \$205.79                      |
| 2003          | \$442.43            | \$258.69            | \$701.13                      |
| 2002          | (\$58.86)           | (\$6.88)            | (\$65.75)                     |

#### UTIMCO - ITF EFFECTS OF ACTIVE PORTFOLIO MANAGEMENT (As of 8/31/06)

| AACRs         | (A)<br>Target<br>Allocation<br>Performance | _  | (B)<br>Historical<br>Allocation<br>Performance | _  | (C)<br>Actual<br>Performance |
|---------------|--|--|--|--|------------------------------|
| Feb 06-Aug 06 | 3.1  |  | 3.4  |  | 3.4                          |
|               |  | VALUE ADD  | ED BY (bps):                                   |  |                              |
| Time<br>Span  | _  | (B-A)<br>Historical<br>Allocation<br>(v. Target) |  | (C-B)<br>Manager<br>Selection<br>Allocation) |                              |
| Feb 06-Aug 06 |  | 30   |  | 10   |                              |

#### **DOLLARS VALUE ADDED (\$ millions):**

Feb 06-Aug 06

\$10.55

*Target Allocation* shows the performance of a portfolio invested in passive index instruments according to the weightings of UTIMCO's target allocation.

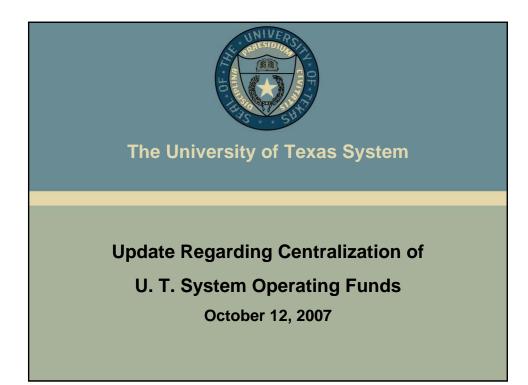
*Historical Allocation* shows the performance of a portfolio invested in passive index instruments according to the historical allocation of UTIMCO's portfolio.

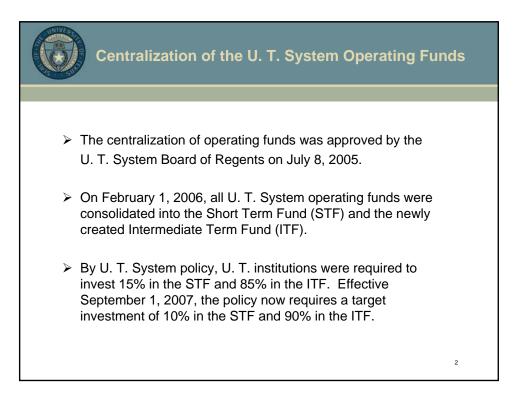
Actual Performance is the true historical performance of UTIMCO's portfolio.

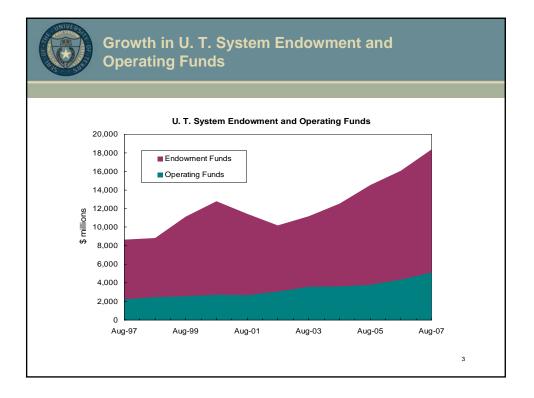
#### 6. U. T. System: Update Regarding Centralization of Operating Funds

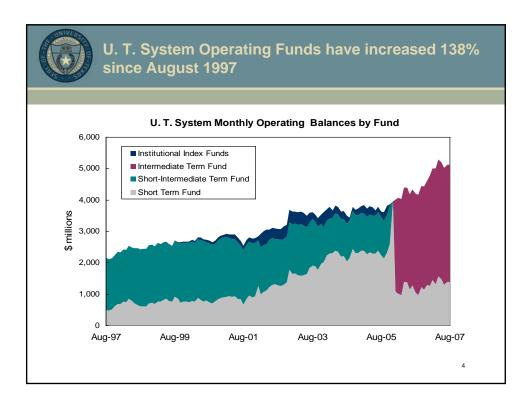
#### <u>REPORT</u>

Dr. Scott C. Kelley, Executive Vice Chancellor for Business Affairs, will provide an update on the centralization of U. T. System operating funds, which was implemented on February 1, 2006. The presentation, as set forth on Pages 31 - 34, will provide a brief overview of centralization and detail the value added from centralization through the fiscal year ended August 31, 2007.









### $\bigcirc$

#### Short Term Fund Liquidity Analysis: February 1, 2006 to August 31, 2007

|  | Average     | e         | Low           |            | High             |      |
|--|-------------|-----------|---------------|------------|------------------|------|
| Institution (\$millions)   | STF Balance |           | STF Balance   |            | STF Balance      |      |
| UT Arlington   | \$24.4      | 16%       | \$8.1         | 6%         | \$64.6           | 34%  |
| UT Austin  | 130.5       | 14%       | 62.6          | 7%         | 246.7            | 25%  |
| UT Brownsville   | 5.8         | 21%       | 0.0           | 0%         | 23.6             | 61%  |
| UT Dallas  | 14.5        | 12%       | 2.2           | 2%         | 36.8             | 27%  |
| UT El Paso   | 13.8        | 19%       | 0.4           | 1%         | 47.2             | 53%  |
| UT Pan American  | 9.2         | 16%       | 1.5           | 3%         | 24.0             | 37%  |
| UT Permian Basin   | 5.2         | 54%       | 2.3           | 27%        | 9.3              | 79%  |
| UT San Antonio   | 23.5        | 15%       | 4.0           | 3%         | 77.0             | 45%  |
| UT Tyler   | 5.5         | 19%       | 1.0           | 3%         | 14.1             | 39%  |
| UT Southwestern Medical Center at Dallas   | 101.2       | 17%       | 41.8          | 9%         | 167.1            | 25%  |
| UT Medical Branch at Galveston   | 111.0       | 34%       | -4.8          | -3%        | 231.6            | 53%  |
| UT M.D. Anderson Cancer Center   | 43.5        | 18%       | 14.1          | 6%         | 86.8             | 34%  |
| UT Health Science Center at Houston  | 26.6        | 14%       | 8.0           | 4%         | 50.6             | 24%  |
| UT Health Science Center at San Antonio  | 142.8       | 18%       | 37.9          | 6%         | 239.5            | 28%  |
| UT Health Center at Tyler  | 13.4        | 76%       | 1.3           | 5%         | 20.6             | 100% |
| UT System (Aggregate) <sup>(1)</sup>   | \$1,181.5   | 26%       | \$848.1       | 22%        | \$1,558.1        | 32%  |
| UT System (ex-debt proceeds) <sup>(1)</sup>  | \$700.7     | 17%       | \$476.6       | 14%        | \$1,002.2        | 22%  |
| <sup>(1)</sup> Institutions must maintain a minimum of \$5 millior<br>condition rating of "Watch" or better to invest in the ITF |             | beginning | of each month | and have a | a current financ | ial  |
|  |             |           |               |            |                  |      |
|  |             |           |               |            |                  | 5    |

#### Intermediate Term Fund and Short Term Fund Performance

|  | FY2007<br>(12 mos.) | Since ITF Inception <sup>(1)</sup><br>(19 mos.) |
|--|---------------------|---|
| Operating Funds                                      |                     |   |
| Short Term Fund                                      | 5.40%               | 5.24%   |
| Intermediate Term Fund                               | 10.63%              | 8.88%   |
| Benchmarks   |                     |   |
| Short Term Fund: 90 Day Treasury Bills Average Yield | 5.30%               | 5.11%   |
| Intermediate Term Fund: Policy Portfolio             | 8.47%               | 7.29%   |
| Net Return Above Benchmark <sup>(2)</sup>            |                     |   |
| Short Term Fund                                      | 0.10%               | 0.14%   |
| Intermediate Term Fund                               | 2.16%               | 1.59%   |

<sup>(1)</sup> Returns for performance since ITF inception (19 months) are annualized.

<sup>(2)</sup> Net Return Above Benchmark is a measure of the difference between actual returns and benchmark or policy portfolio returns for each period shown.

6



# Value Added from Centralization through August 31, 2007

### Summary of Value Added <sup>(1)</sup> for Operating Fund Investments Through August 31, 2007

|   | FY2007            | Since Inception   |
|---|-------------------|-------------------|
| Institution                                     | (12 months)       | (19 Months)       |
| UT Arlington                                    | \$<br>6,540,596   | \$<br>7,372,686   |
| UT Austin                                       | 39,583,859        | 43,834,275        |
| UT Brownsville                                  | 985,375           | 1,175,617         |
| UT Dallas                                       | 4,907,393         | 5,926,406         |
| UT EI Paso                                      | 2,787,238         | 3,052,806         |
| UT Pan American                                 | 1,963,583         | 2,519,759         |
| UT Permian Basin                                | 210,255           | 257,268           |
| UT San Antonio                                  | 6,867,075         | 7,552,981         |
| UT Tyler  | 1,193,945         | 1,347,221         |
| JT Southwestern Medical Center at Dallas        | 16,686,939        | 21,006,203        |
| JT Medical Branch at Galveston                  | 9,899,068         | 11,943,696        |
| UT Health Science Center at Houston             | 9,166,548         | 10,917,552        |
| JT Health Science Center at San Antonio         | 7,697,153         | 9,398,597         |
| JT M.D. Anderson Cancer Center                  | 17,395,716        | 20,467,525        |
| UT Health Center at Tyler                       | (29,701)          | 7,227             |
| Subtotal Value Added - U.T. System Institutions | \$<br>125,855,042 | \$<br>146,779,819 |
| Value Added U.T. System Administration          | 13,281,198        | 16,374,916        |
| Total Value Added                               | \$<br>139,136,240 | \$<br>163,154,735 |

<sup>(1)</sup> Value added is the actual dollar return for the operating funds in excess of the proxy returns that would have been earned based on the asset allocations as of August 31, 2005.

### 7. U. T. System Board of Regents: Report on Investment Objectives and <u>Performance from The University of Texas Investment Management</u> <u>Company (UTIMCO) Board Investment Consultant</u>

### <u>REPORT</u>

Mr. Bruce Myers, Cambridge Associates, will report on the investment objectives and performance of funds managed by the University of Texas Management Company (UTIMCO) including objectives, performance, policy portfolios, benchmark, and asset allocation, using the PowerPoint presentation set forth on Pages 36 - 51.

# October 2007



Discussion on Investment Objectives

and Performance

| Definitions         PUF: The Permanent University Fund established by the Texas State         Constitution for the benefit of the University of Texas and Texas A&M         GEF: The General Endowment Fund which is composed of:         > LTF: The Long Term Fund, the permanent endowment of the University of Texas         > PHF: The Permanent Health Fund         STF: The Short Term Fund, a money market fund managed for preservation of principal and liquidity         ITF: The Intermediate Term Fund, a broadly diversified portfolio designed to produce a return of at least 3% plus the rate of inflation (CPI-U) |
|--|
|--|

# **Current Investment Objectives**

- distributions by earning an average real return over ten-year periods "The primary objective for each fund [the PUF and the GEF] shall or longer at least equal to the target distribution rate of such funds be to preserve the purchasing power of fund assets and annual plus the annual expected expense"
- "The secondary fund objective is to generate a fund return in excess of the Policy Portfolio benchmark and the median return of the universe of the college and university endowments with assets greater than \$1 billion as reported by Cambridge Associates"

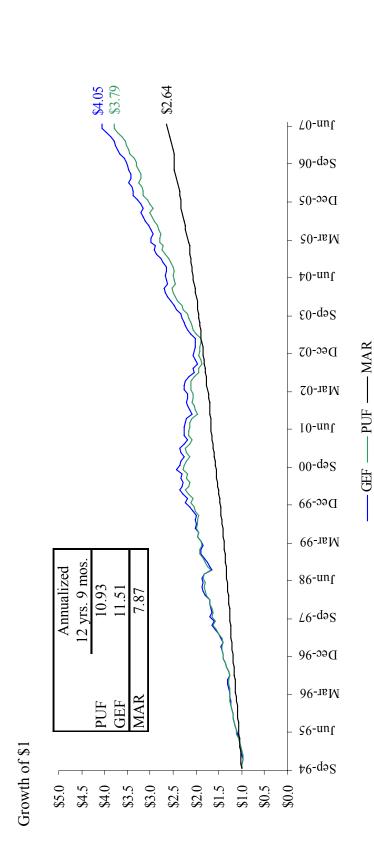
PUF & GEF Asset Allocation Market Exposure as of June 30, 2007

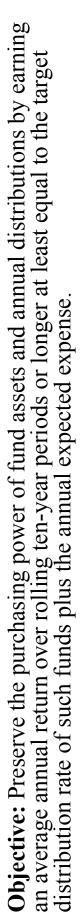
|                             | Actual Weight<br>PUF | Actual Weight<br>GEF | Actual Weight PUF/GEF Policy<br>GEF Target | PUF/GEF<br>Policy Range | In Compliance (Yes/No) |
|-----------------------------|----------------------|----------------------|--|-------------------------|------------------------|
| Traditional U.S. Equities   | 22.73%               | 22.98%               | 20.00%                                     | 10-30%                  | Yes                    |
| Global ex-U.S. Equity       | 19.77%               | 19.74%               | 17.00%                                     | 10-30%                  | Yes                    |
| Non-U.S. Developed Equity   | 11.39%               | 10.99%               | 10.00%                                     | 0-30%                   | Yes                    |
| Emerging Markets Equity     | 8.38%                | 8.75%                | 7.00%                                      | 0-10%                   | Yes                    |
| Hedge Funds                 | 24.47%               | 24.51%               | 25.00%                                     | 15-27.5%                | Yes                    |
| Directional Hedge Funds     | %06.6                | 9.92%                | 10.00%                                     | 5-15%                   | Yes                    |
| Absolute Return Hedge Funds | 14.57%               | 14.59%               | 15.00%                                     | 10-20%                  | Yes                    |
| Private Capital             | 10.61%               | 11.08%               | 15.00%                                     | 5-15%                   | Yes                    |
| Inflation Linked            | 11.36%               | 11.17%               | 13.00%                                     | 5-20%                   | Yes                    |
| REITS                       | 4.26%                | 4.20%                | 5.00%                                      | 0-10%                   | Yes                    |
| Commodities                 | 3.59%                | 3.61%                | 3.00%                                      | 0-6%                    | Yes                    |
| TIPS                        | 3.51%                | 3.36%                | 5.00%                                      | 0-10%                   | Yes                    |
| Fixed Income                | 7.02%                | 6.94%                | 10.00%                                     | 5-15%                   | Yes                    |
| Cash                        | 4.04%                | 3.58%                | 0.00%                                      | 0-10%                   | Yes                    |
|                             |                      |                      |  |                         |                        |
| Total                       | 100.00%              | 100.00%              | 100.00%                                    | ł                       |                        |

| PUF & GEF   |
|-------------|
|             |
| e Summary:  |
| Performance |

- Since 1994 performance of the PUF and the GEF has enhanced purchasing power, outperforming the stated goal of earning the rate of distributions, plus expenses, plus inflation
- While the 10+ year performance of the PUF and the GEF trail their Policy Portfolio Benchmarks, the degree of underperformance has narrowed sharply over the past three years
- Performance (measured on a rolling five-year basis) relative to college and university peers lags the peer universe prior to 2005. Since 2005, the PUF and GEF have modestly outperformed



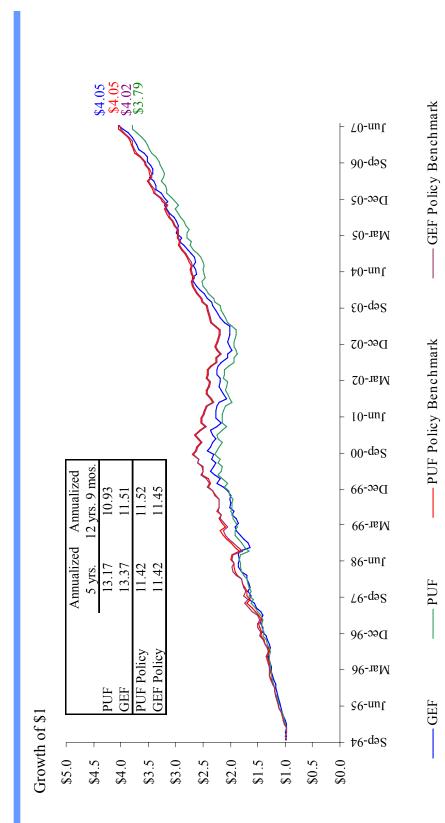




<sup>&</sup>lt;sup>1</sup> The "MAR" as defined by The University of Texas System Investment Policy Statement is 5.1% plus an assumed rate of inflation of 3.0%, for a total of 8.1%. This target was derived by adding the current target distribution rate for the endowment (4.75%) to the annual expected expense (0.35%). 5.1% represents a real annual return target; this report de-annualizes that number to a monthly basis and adds monthly CPI-U data to account for inflation.

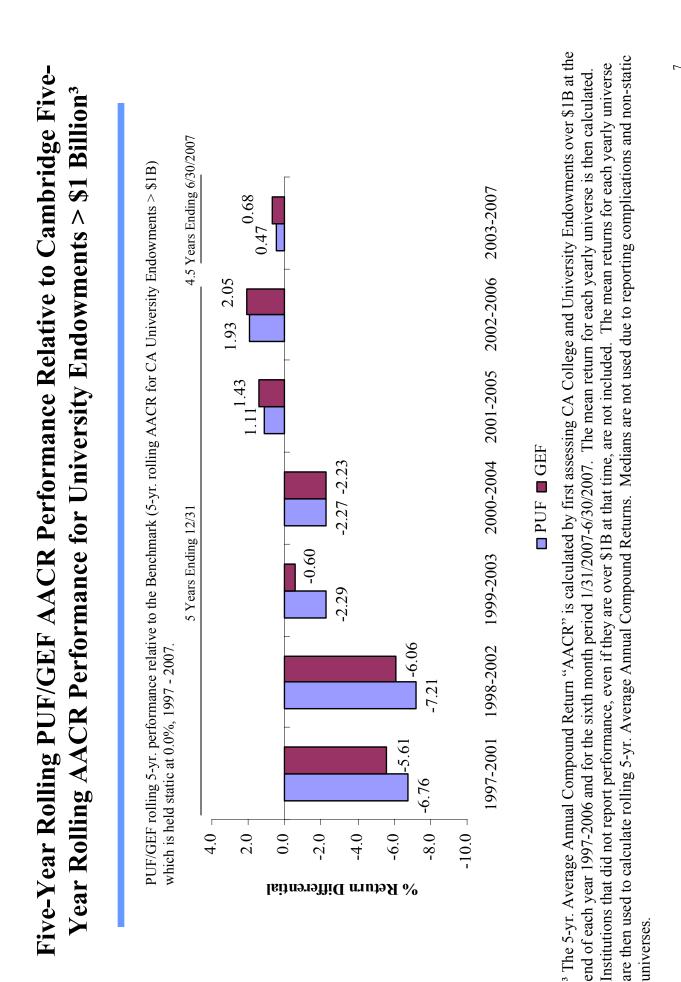
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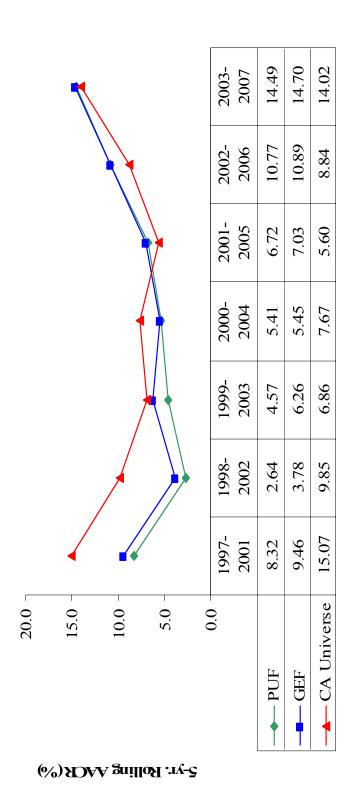


<sup>&</sup>lt;sup>2</sup> The "Policy Portfolio Benchmarks" are the composition of asset class targets in the asset allocation investment policy statement, changed over time with UTIMCO restated historical policy returns based on newly approved policy targets. The Policy Portfolio presented in the report reflects this restatement. approval of the BOR. Policy Portfolio performance is the composite performance of benchmarks for the asset class targets. In January of 2004,



# Five-Year Rolling PUF/GEF AACR Performance Compared to Cambridge Five-Year Rolling AACR Performance for University Endowments > \$1 Billion<sup>3</sup>

PUF/GEF rolling 5-yr. performance compared to the Benchmark (5-yr. rolling AACR for CA University Endowments > \$1B), 1997 – 2007.



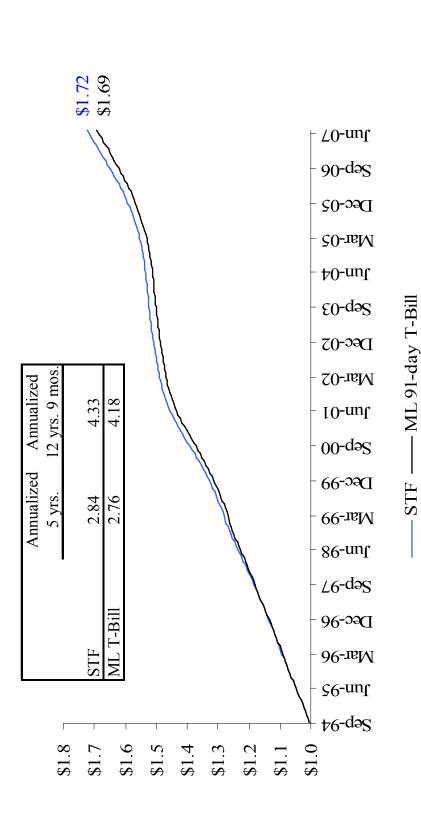
→ PUF → GEF → CA Universe

<sup>3</sup> The 5-yr. Average Annual Compound Return "AACR" is calculated by first assessing CA College and University Endowments over \$1B at the are then used to calculate rolling 5-yr. Average Annual Compound Returns. Medians are not used due to reporting complications and non-static Institutions that did not report performance, even if they are over \$1B at that time, are not included. The mean returns for each yearly universe end of each year 1997-2006 and for the sixth month period 1/31/2007-6/30/2007. The mean return for each yearly universe is then calculated. universes.

- Performance for the STF has modestly exceeded its benchmark
- Last year, the former SITF was replaced by the ITF
- Benchmark and significantly exceeded its primary objective In its first full year, the ITF outperformed its Policy



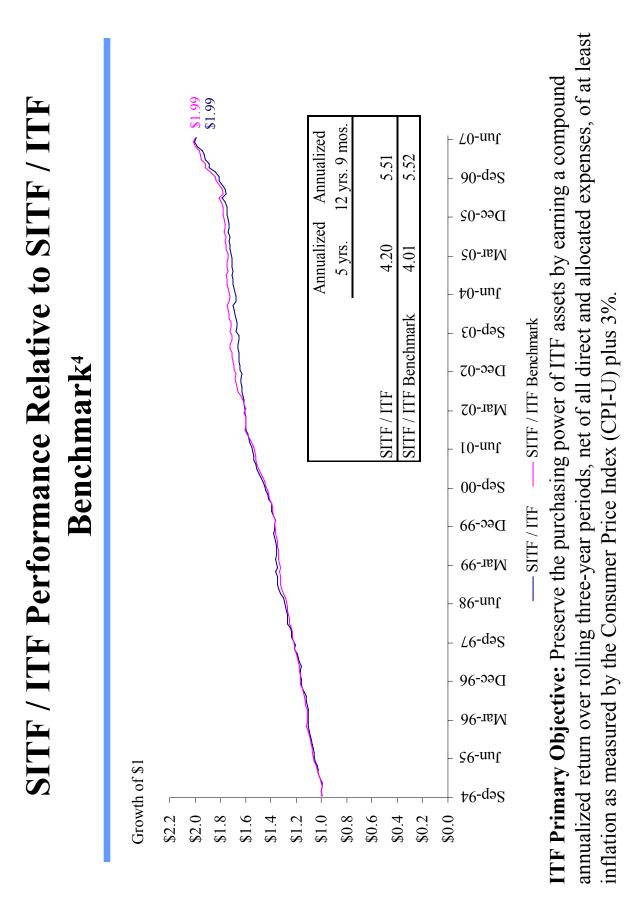
Growth of \$1



maintenance of adequate STF liquidity. The STF shall seek to maintain a new asset value of \$1.00. **Objective:** Maximize current income consistent with the absolute preservation of capital and

# Intermediate Term Fund (ITF) Market Exposure as of June 30, 2007

|                             | Actual Weight<br>ITF | ITF Policy<br>Target | ITF Policy<br>Range |
|-----------------------------|----------------------|----------------------|---------------------|
| Traditional U.S. Equities   | 16.13%               | 15.00%               | 5-20%               |
| Global ex-U.S. Equity       | 10.54%               | 10.00%               | 0-15%               |
| Non-U.S. Developed Equity   | 5.47%                | 5.00%                | 0-10%               |
| Emerging Markets Equity     | 5.07%                | 5.00%                | 0-10%               |
| Hedge Funds                 | 24.74%               | 25.00%               | 10-27.5%            |
| Directional Hedge Funds     | 11.42%               | 12.50%               | 5-20%               |
| Absolute Return Hedge Funds | 13.32%               | 12.50%               | 5-20%               |
| Private Capital             | 0.00%                | 0.00%                | 0%0                 |
| Venture Capital             | 0.00%                | 0.00%                | 1                   |
| Private Equity              | 0.00%                | 0.00%                | 1                   |
| Inflation Linked            | 22.77%               | 25.00%               | 10-35%              |
| REITS                       | 8.33%                | 10.00%               | 0-15%               |
| Commodities                 | 5.15%                | 5.00%                | 0-10%               |
| TIPS                        | 9.29%                | 10.00%               | 5-15%               |
| Fixed Income                | 23.70%               | 25.00%               | 15-40%              |
| Cash & Equivalents          | 2.12%                | 0.00%                | 0-20%               |
|                             |                      |                      |                     |
| Total                       | 100.00%              | 100.00%              | 1                   |





ITF Performance

|                        | One Month | Three<br>Months | Calendar<br>Year To Date | One Year |
|------------------------|-----------|-----------------|--------------------------|----------|
|                        |           |                 |                          |          |
| Intermediate Term Fund | (0.76)    | 2.35            | 5.33                     | 12.99    |
| ITF Policy Portfolio   | (0.88)    | 1.54            | 3.76                     | 11.43    |

ITF Primary Objective: Preserve the purchasing power of ITF assets by earning a compound annualized return over rolling three-year periods, net of all direct and allocated expenses, of at least inflation as measured by the Consumer Price Index (CPI-U) plus 3%. ITF Secondary Objective: Generate a return, net of all direct and allocated expenses, in excess of the approved Policy Portfolio benchmark over rolling three-year periods.

<sup>5</sup> The ITF replaced the SITF as of 2/01/2006.

| large educational endowments has been less robust, but has<br>improved significantly in recent years |
|--|
|  |

| <b>Performance Summary</b> | June 30, 2007 |
|----------------------------|---------------|
| UTIMCO                     |               |

|   |   |  | n   | a une 20, 2007  |   |   |   |  |   |   |   |                            |
|---|---|--|---|---|---|---|---|--|---|---|---|----------------------------|
|   |   |  |   |   |   | Periods E                                 | Periods Ended June 30, 2007                 | 30, 2007                               |   |   |   |                            |
|   | Net   |  |   | (Re   | turns for P                                     | eriods Long                               | ger Than C                                  | bne Year ai                            | (Returns for Periods Longer Than One Year are Annualized) | ed)   |   |                            |
|   | Asset Value   | <u>Ono</u>   | Three                                       | Calendar<br>Voar  | ~!S   | Fiscal<br>Voer                            | 0n0   | Two                                    | Three   | Tour  | Divo.                                       | Ton                        |
| ENDOWMENT FUNDS   | (in Millions)   | Month  | Months                                      | To Date   | Months  | To Date                                   | Year  | Years                                  | Years   | Years   | Years                                       | Years                      |
| Permanent University Fund   | \$ 11,674.8   | (0.05)   | 4.85  | 9.04  | 9.04  | 15.08                                     | 17.96                                       | 15.39                                  | 14.76   | 16.06   | 13.17                                       | 9.39                       |
| General Endowment Fund  |   | (0.04)   | 4.86  | 9.25  | 9.25  | 15.47                                     | 18.36                                       | 15.50                                  | 14.86   | 16.14   | 13.37                                       | N/A                        |
| Permanent Health Fund   | 1,103.1   | (0.08)   | 4.79  | 9.14  | 9.14  | 15.36                                     | 18.28                                       | 15.42                                  | 14.75   | 16.02   | 13.25                                       | N/A                        |
| Long Term Fund  | 5,352.9   | (0.08)   | 4.79  | 9.14  | 9.14  | 15.36                                     | 18.28                                       | 15.43                                  | 14.76   | 16.02   | 13.27                                       | 9.89                       |
| Separately Invested Funds   | 180.7   | N/A  | N/A   | N/A   | N/A   | N/A                                       | N/A   | N/A                                    | N/A   | N/A   | N/A   | N/A                        |
| Total Endowment Funds   | 18,311.5  |  |   |   |   |   |   |  |   |   |   |                            |
| <b>OPERATING FUNDS</b>  |   |  |   |   |   |   |   |  |   |   |   |                            |
| Short Term Fund   | 1,474.8   | 0.43   | 1.32  | 2.63  | 2.63  | 4.46                                      | 5.40  | 4.81                                   | 3.91  | 3.18  | 2.84  | 3.97                       |
| Intermediate Term Fund  | 3,726.0   | (0.76)   | 2.35  | 5.33  | 5.33  | 10.18                                     | 12.99                                       | N/A                                    | N/A   | N/A   | N/A   | N/A                        |
| Total Operating Funds   | 5,200.8   |  |   |   |   |   |   |  |   |   |   |                            |
| Total Investments   | \$ 235173   |  |   |   |   |   |   |  |   |   |   |                            |
|   |   |  |   |   |   |   |   |  |   |   |   |                            |
| BENCHMARKS (1)  |   |  |   |   |   |   |   |  |   |   |   |                            |
| Permanent University Fund: Policy Portfolio   |   | 0.17   | 4.72  | 7.47  | 7.47  | 14.00                                     | 16.70                                       | 14.94                                  | 14.00   | 14.22   | 11.42                                       | 9.72                       |
| General Endowment Fund: Policy Portfolio  |   | 0.17   | 4.72  | 7.47  | 7.47  | 14.00                                     | 16.70                                       | 14.94                                  | 14.00   | 14.22   | 11.42                                       | 9.30                       |
| Short Term Fund: 90 Day Treasury Bills Average Yield  | _   | 0.39   | 1.27  | 2.54  | 2.54  | 4.30                                      | 5.21  | 4.59                                   | 3.77  | 3.07  | 2.76  | 3.79                       |
| Intermediate Term Fund: Policy Portfolio  |   | (0.88)   | 1.54  | 3.76  | 3.76  | 8.80                                      | 11.43                                       | N/A                                    | N/A   | N/A   | N/A   | N/A                        |
|   |   |  |   |   |   |   |   |  |   |   |   |                            |
| VALUE ADDED (2)   |   |  |   |   |   |   |   |  |   |   |   |                            |
| Permanent University Fund   |   | (0.22)   | 0.13  | 1.57  | 1.57  | 1.08                                      | 1.26  | 0.45                                   | 0.76  | 1.84  | 1.75  | (0.33)                     |
| General Endowment Fund  |   | (0.21)   | 0.14  | 1.78  | 1.78  | 1.47                                      | 1.66  | 0.56                                   | 0.86  | 1.92  | 1.95  | N/A                        |
| Permanent Health Fund   |   | (0.25)   | 0.07  | 1.67  | 1.67  | 1.36                                      | 1.58  | 0.48                                   | 0.75  | 1.80  | 1.83  | N/A                        |
| Long Term Fund  |   | (0.25)   | 0.07  | 1.67  | 1.67  | 1.36                                      | 1.58  | 0.49                                   | 0.76  | 1.80  | 1.85  | 0.59                       |
| Short Term Fund   |   | 0.04   | 0.05  | 60.0  | 0.09  | 0.16                                      | 0.19  | 0.22                                   | 0.14  | 0.11  | 0.08  | 0.18                       |
| Intermediate Term Fund  |   | 0.12   | 0.81  | 1.57  | 1.57  | 1.38                                      | 1.56  | N/A                                    | N/A   | N/A   | N/A   | N/A                        |
| (1) - Effective May 6, 2004, benchmark returns for the PUF policy portfolio have been restated for prior periods beginning June 1, 1993 through September 30, 2000 and for the GEF/LTF policy portfolio for prior periods beginning June 1, 1993 through September 30, 2000 and for the GEF/LTF policy tortfolio for prior periods beginning June 1, 1993 through September 30, 2000 and for the GEF/LTF policy for the practical matching June 1, 1993 through September 30, 2001 to correct the following technical errors in benchmark construction and calculation: (a) to reflect actual asset class target allocations which were in place, or the practical implementation of changes to those policy allocations, and (b) to distinguish between PUF and GEF/LTF historical investment objectives and distribution policies by accurately representing actual asset class allocations during those periods. | PUF policy port<br>gh September 30<br>nplementation o<br>set class allocati | folio have b<br>, 2001 to cc<br>f changes tc<br>ons during 1 | een restate<br>prrect the fo<br>those polio | olio have been restated for prior periods beginning June 1, 1993 through September 30, 2000 and for the GEF/LTF policy 2001 to correct the following technical errors in benchmark construction and calculation: (a) to reflect actual asset class changes to those policy allocations, and (b) to distinguish between PUF and GEF/LTF historical investment objectives an as during those periods. | eriods begir<br>nnical errors<br>ıs, and (b) to | uning June 1<br>in benchma<br>distinguish | , 1993 throi<br>urk construc<br>i between P | ugh Septem<br>tion and ca<br>UF and GE | ber 30, 2000<br>lculation: (a<br>F/LTF histo              | ) and for the<br>() to reflect<br>rical investn | e GEF/LTF ]<br>actual asset<br>nent objecti | policy<br>class<br>ves and |
| Benchmark returns for the PUF and GEF/LTF policy portfolios were also restated for all prior periods beginning June 1, 1993 through December 31, 2003 to replace various benchmark returns reported previously for the Private Capital asset class. Specifically, the Wilshire 5000 + 4%, the benchmark used prior to January 1, 2004, was replaced with the Venture Economics Periodic IRR Index a more anononriate benchmark measure for the actual Private Capital portfolio.  | rtfolios were als<br>specifically, the <sup>y</sup><br>ctual Private Can    | o restated fo<br>Wilshire 500<br>ital portfoli               | r all prior ]<br>00 + 4%, th<br>o.          | restated for all prior periods beginning June 1, 1993 through December 31, 2003 to replace various benchmark returns<br>ilshire 5000 + 4%, the benchmark used prior to January 1, 2004, was replaced with the Venture Economics Periodic IR<br>al portfolio.  | nning June<br>k used prior                      | l, 1993 thro                              | ugh Decem]<br>1, 2004, wa                   | ber 31, 2003<br>s replaced v           | 3 to replace vith the Ven                                 | various bene<br>ture Econon                     | chmark retu<br>nics Periodi                 | ms<br>c IRR                |

Effective August 10, 2006, benchmark returns for the PUF and GEF policy portfolios were also restated for periods beginning January 1, 2006 through April 30, 2006, and for the ITF policy portfolio for periods beginning February 1, 2006 to April 30, 2006, to replace benchmark returns for the Hedge Fund asset class due to integrity concerns regarding existing benchmarks. Specifically, composites of Standard & Poor's investable hedge fund indices were replaced with the MSCI Investable Hedge Fund Index. Index, a more appropriate benchmark measure for the actual Private Capital portfolio.

Complete details of the restatements and previous policy portfolio benchmark history are documented on the UTIMCO website at www.UTIMCO.org or are available upon request.

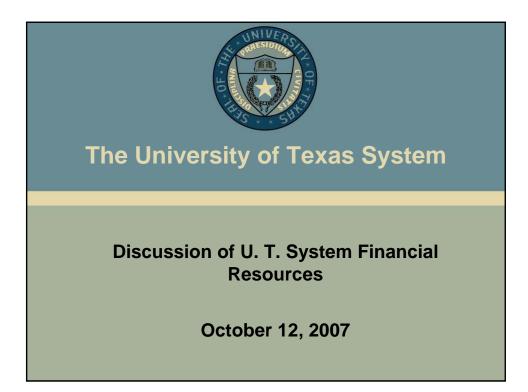
(2) - Value added is a measure of the difference between actual returns and benchmark or policy portfolio returns for each period shown. Value added is a result of the active management decisions made by UTIMCO staff and external managers.

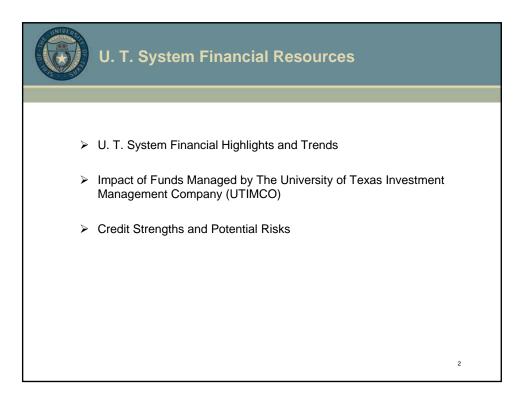
# Note: Sourced from UTIMCO

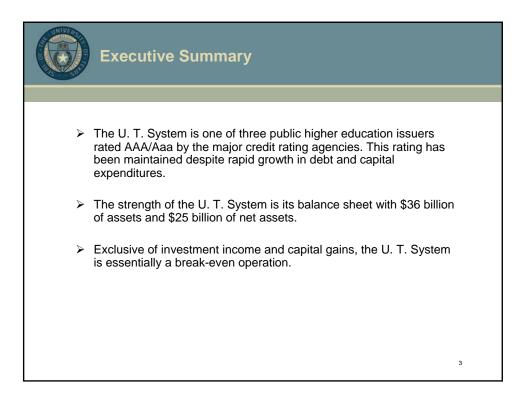
### 8. <u>U. T. System Board of Regents: Discussion of U. T. System assets</u> <u>managed by The University of Texas Investment Management</u> <u>Company (UTIMCO) in context of U. T. System financial resources</u>

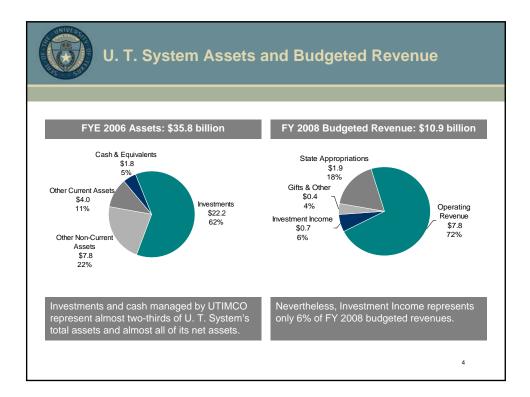
### <u>REPORT</u>

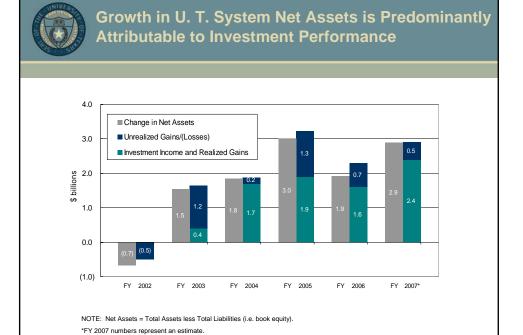
Dr. Scott C. Kelley, Executive Vice Chancellor for Business Affairs, will discuss the importance of investment assets in the context of the U. T. System's overall financial resources. The presentation, set forth on Pages 53 - 62, provides an overview of The U. T. System's assets, liabilities, revenues, and expenditures, and the role that UTIMCO-managed assets play in supporting the financial condition of the U. T. System.

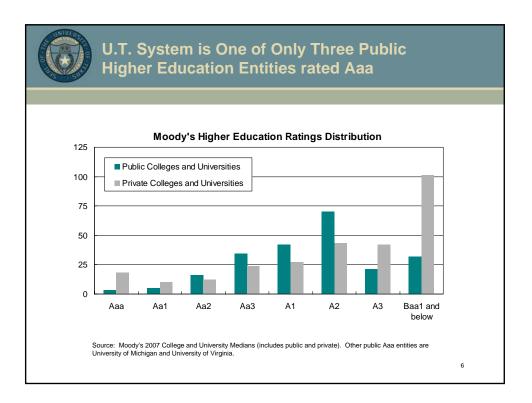


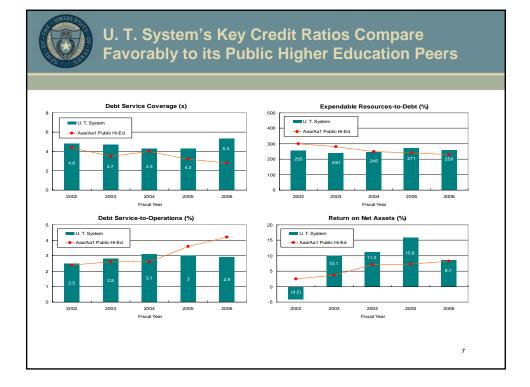




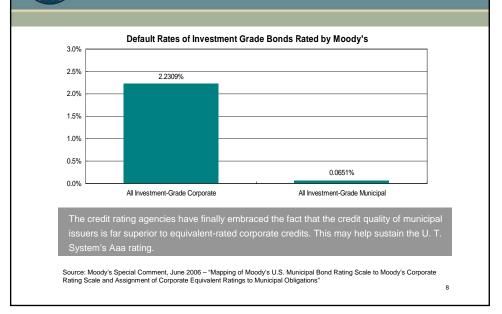


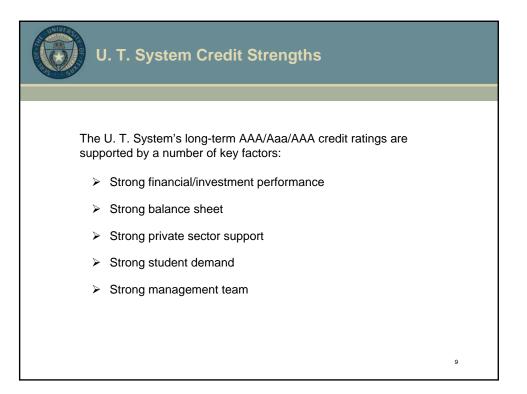


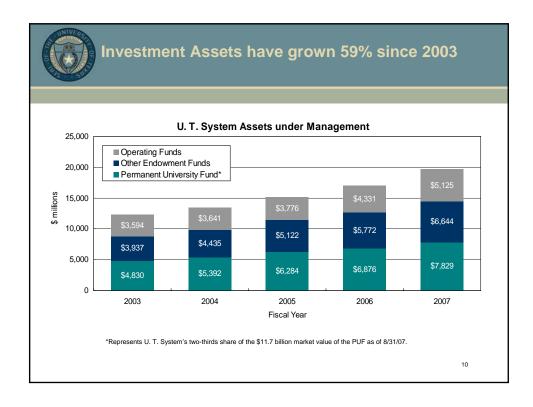




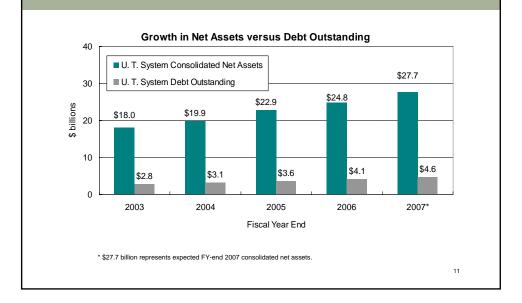
### Default Rates of Investment Grade Municipal Bonds are far below Corporate Default Rates

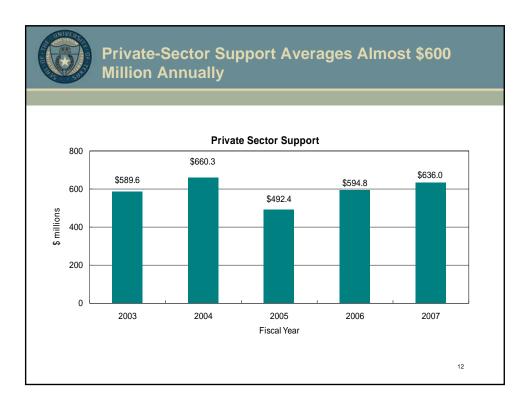


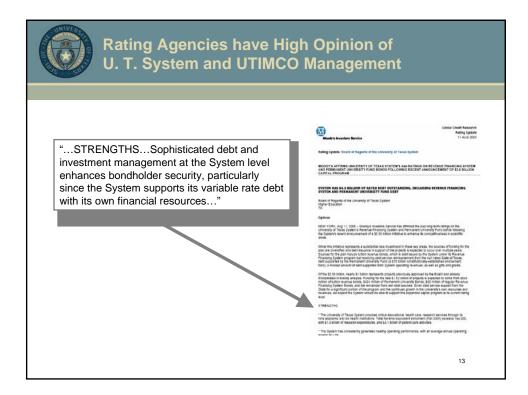


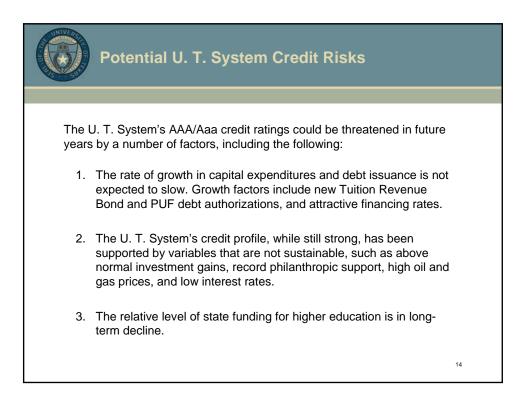


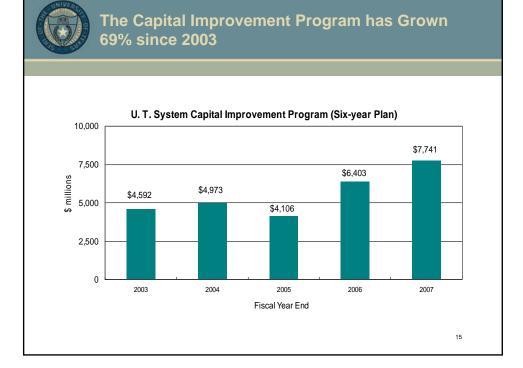


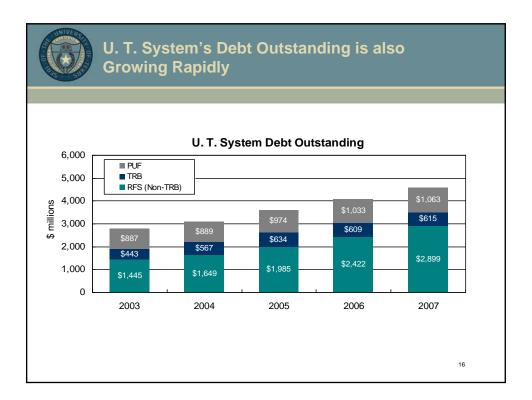








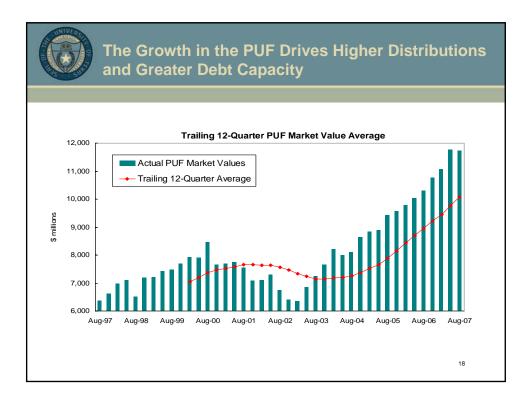


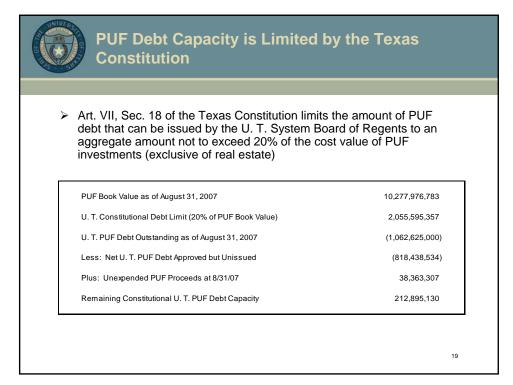


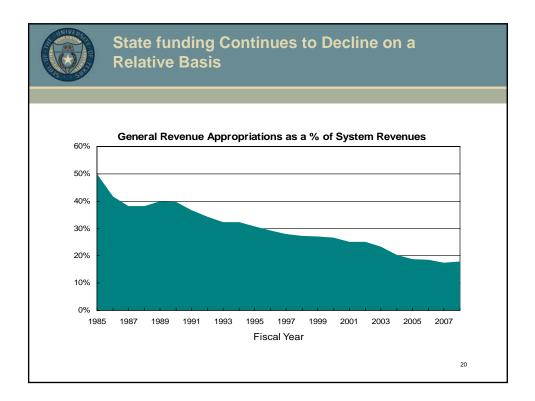
PUF Growth is Due to Capital Gains, Royalty Income, and a Conservative Distribution Policy

### The Permanent University Fund Analysis of Change in the Value of the PUF

| (\$ millions)                          | FY2003  | FY2004  | FY2005  | FY2006   | FY2007   |
|--|---------|---------|---------|----------|----------|
| Beg. Market Value of Investment Assets | 6,738.3 | 7,244.8 | 8,087.9 | 9,426.7  | 10,313.4 |
| Contribution from PUF Lands            | 102.0   | 146.7   | 193.1   | 214.9    | 272.8    |
| Realized Gains on Sales of Securities  | (40.0)  | 731.8   | 811.3   | 522.5    | 614.4    |
| Unrealized Gains on Securities Held    | 678.8   | 168.1   | 487.3   | 322.9    | 754.6    |
| Investment Income, Net of Expenses     | 128.7   | 144.5   | 188.3   | 183.7    | 188.3    |
| Distributions to the AUF               | (363.0) | (348.0) | (341.2) | (357.3)  | (400.7   |
| End. Market Value of Investment Assets | 7,244.8 | 8,087.9 | 9,426.7 | 10,313.4 | 11,742.8 |
|  |         |         |         |          |          |
|  |         |         |         |          |          |
|  |         |         |         |          |          |







### 9. U. T. System Board of Regents: Report on Investment Strategy

Mr. Bruce Zimmerman, Chief Executive Officer and Chief Investment Officer of The University of Texas Investment Management Company (UTIMCO), will report on investment strategy in anticipation of bringing potential changes to the investment policies to the U. T. System Board of Regents at the December 2007 meeting, using the PowerPoint presentation set forth on Pages 64 - 97.



THE UNIVERSITY OF TEXAS INVESTMENT MANAGEMENT COMPANY

## **Investment Strategy**

Joint Meeting of The University of Texas System Board of Regents and UTIMCO Board of Directors October 12, 2007



# Context

- UTIMCO manages investment funds on behalf of The University of Texas System Board of Regents (BoR) according to the Investment Management Services Agreement (IMSA) and certain Investment and other Policies (Policies) that the BoR approves.
- The Policies and IMSA are reviewed annually although no changes are required.
- The Policies document the investment strategies, tactical ranges, controls and risk management practices that UTIMCO pursues and adheres to.
- The purpose of today's discussion is to begin to familiarize the BoR with potential recommended changes to the Policies, which may be brought to the BoR at the December meeting.
- Following today's discussion, the process will entail the UTIMCO staff making specific recommendations as documented in "marked-up" Policies to be presented to UTIMCO's Policy Committee and Board for review, potential revision and approval prior to their presentment to the BoR for its review, potential revision and approval in December.



# **Investment Objectives**

- Investment Objectives dictate Investment Strategies
- Board of Regents Sets Objectives
- Current Objectives:

### Endowments (8.10% Return)

- Distribution (4.75%)
- Preserve Purchasing Power (CPI=3.00%)
- Expenses (.35%)

### ITF (6.35% Return)

- Preserve Purchasing Power (CPI=3.00%)
- Return Target in excess of CPI (3.00)%
- Expenses (.35%)

Risk Taken and Probability of Meeting Objective



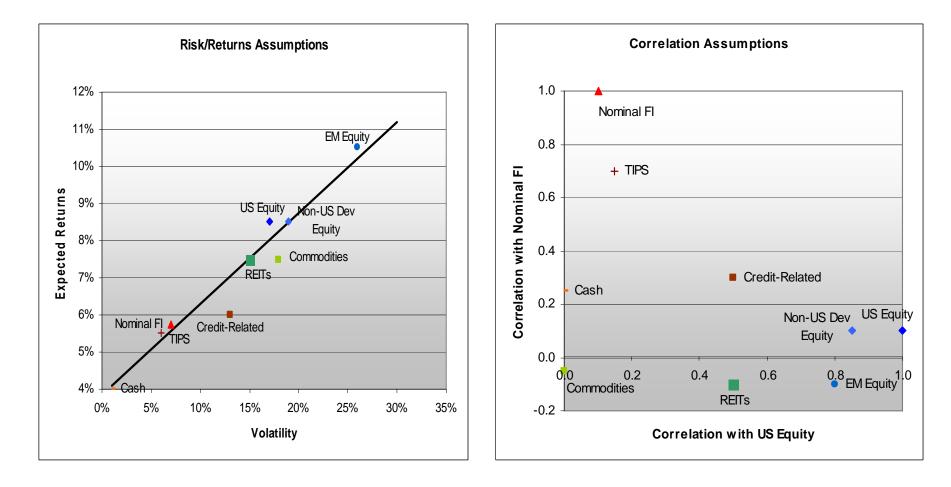


# **Investment Strategy**

- Asset Allocation
  - Strategic
  - Tactical
- Active and Passive Management: Risk Budget
- Illiquidity
- Derivatives/Leverage
- Other Portfolio Management Aspects

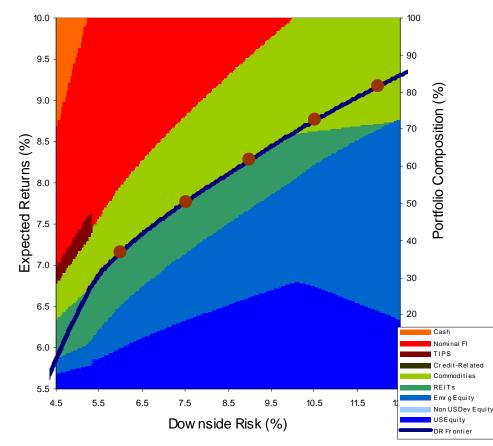


## Passive Asset Classes Assumptions



# Passive Asset Classes - Efficient Frontier and Portfolios

**Passive Asset Classes - Efficient Frontier** 



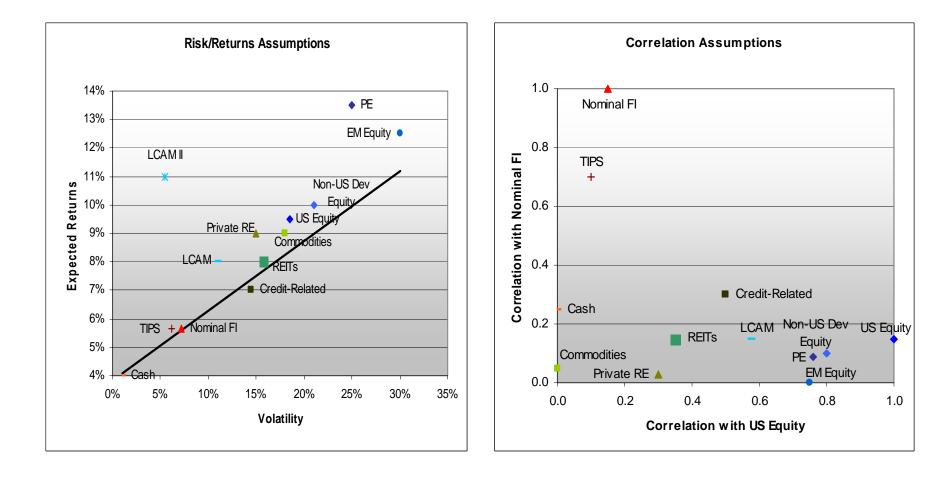
|                | Passiv             | e Asset              | Classes             | 6                      |                    |
|----------------|--------------------|----------------------|---------------------|------------------------|--------------------|
| Portfolio      | Low<br>(6% DR)     | Low/Med<br>(7.5% DR) | Medium<br>(9.0% DR) | Med/High<br>(10.5% DR) | High<br>(12.0% DR) |
| Cash           | 0%                 | 0%                   | 0%                  | 0%                     | 0%                 |
| Nominal FI     | 46%                | 27%                  | 11%                 | 0%                     | 0%                 |
| TIPS           | 0%                 | 0%                   | 0%                  | 0%                     | 0%                 |
| Credit-Related | 0%                 | 0%                   | 0%                  | 0%                     | 0%                 |
| FI             | 4 <mark>6</mark> % | 27%                  | 11%                 | 0%                     | 0%                 |
| Commodities    | 18%                | 24%                  | 27%                 | 31%                    | 29%                |
| REITS          | 14%                | 13%                  | 13%                 | 9%                     | 2%                 |
| Real Assets    | 32%                | 37%                  | 40%                 | 40%                    | 31%                |
| US Equity      | 11%                | 18%                  | 25%                 | 28%                    | 21%                |
| Non-US Dev Eq  | 0%                 | 0%                   | 0%                  | 0%                     | 0%                 |
| EM Equity      | 11%                | 18%                  | 24%                 | 32%                    | 48%                |
| Equity         | 22%                | 36%                  | <b>49%</b>          | 60%                    | <b>69</b> %        |
| Returns        | 7.2%               | 7.8%                 | 8.3%                | 8.8%                   | 9.2%               |
| Downside Risk  | 6.0%               | 7.5%                 | 9.0%                | 10.5%                  | 12.0%              |
| Sortino Ratio  | -0.16              | -0.04                | 0.03                | 0.06                   | 0.09               |

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TIMC



#### **Active Asset Classes Assumptions**

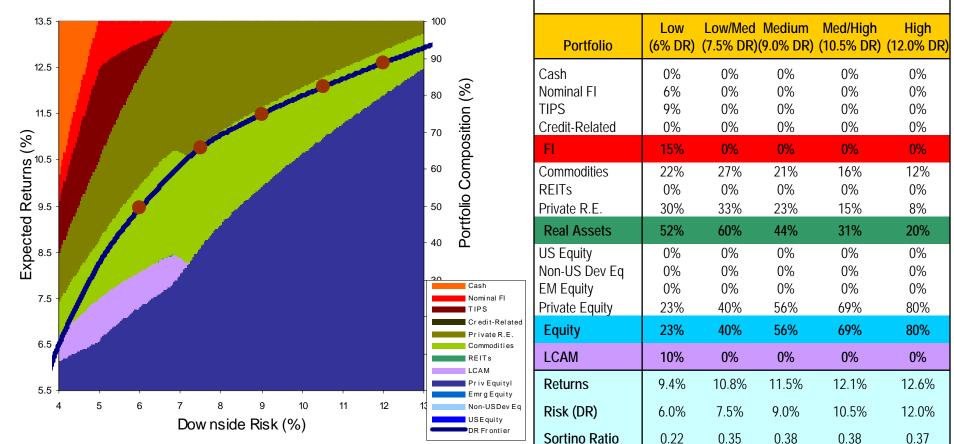




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### Active Asset Classes – Efficient Frontier and Portfolios

Active Asset Class- Efficient Frontier



Active Asset Class



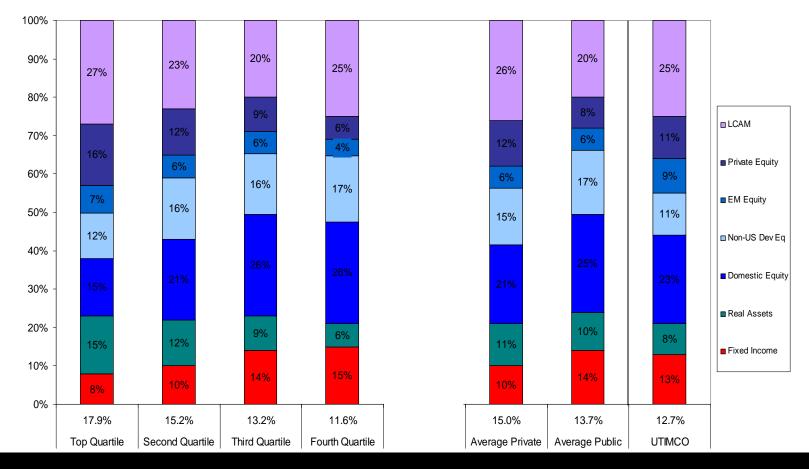
## Efficient Frontier Summary (8.5% DR)

| Results   | Current Policy<br>Portfolio | Passive | Active | Cambridge<br>Assumptions | LCAM II<br>11% returns<br>5.5% vol |
|---|-----------------------------|---------|--------|--------------------------|------------------------------------|
| Returns   | 9.3%                        | 8.2%    | 11.3%  | 11.4%                    | 12.4%                              |
| Downside Risk   | 8.5%                        | 8.5%    | 8.5%   | 8.5%                     | 8.5%                               |
| Sortino Ratio   | 0.14                        | 0.01    | 0.37   | 0.39                     | 0.5                                |
| Chances of Meeting Return Target (over a ten year period) | 62%                         | 51%     | 76%    | 77%                      | 81%                                |
| Asset Allocation  |                             |         |        |                          |                                    |
| Fixed Income  | 15%                         | 16%     | 0%     | 0%                       | 0%                                 |
| Commodities   | 3%                          | 27%     | 23%    | 20%                      | 0%                                 |
| REITS   | 5%                          | 13%     | 0%     | 0%                       | 0%                                 |
| Private Real Estate                                       | 0%                          | 0%      | 26%    | 11%                      | 0%                                 |
| Developed Economies                                       | 19%                         | 22%     | 0%     | 0%                       | 0%                                 |
| Developing Economies                                      | 18%                         | 22%     | 0%     | 20%                      | 0%                                 |
| Private Equity  | 15%                         | 0%      | 51%    | 39%                      | 55%                                |
| LCAM  | 25%                         | 0%      | 0%     | 0%                       | 45%                                |



## **Peer Comparisons**

Top Performing Endowments have higher asset allocations to Real Assets, Emerging Markets, Private Equity and Less-Correlated Active Managers and lower allocations to Fixed Income and Developed Economy Equities





#### Asset Classes and Investment Vehicles

#### **Current Portfolio**

|              |                         | More<br>Constrained,<br>Primarily<br>Long-Only,<br>No Leverage | Less<br>Constrained,<br>Long/Short,<br>Levered <sup>1</sup> | Private<br>Investments | Total  |
|--------------|-------------------------|--|---|------------------------|--------|
| Fixed Income | Investment<br>Grade     | 13.0%  | 3.0%  | 0.0%                   | 16.0%  |
| Fixed income | Credit<br>Related       | 0.0%   | 1.0%  | 1.2%                   | 2.2%   |
| Real Assets  | Natural<br>Resources    | 6.0%   | 1.0%  | 0.8%                   | 7.8%   |
|              | Real Estate             | 4.0%   | 0.0%  | 0.0%                   | 4.0%   |
| Faultu       | Developed<br>Economies  | 31.5%  | 22.0%   | 6.4%                   | 59.9%  |
| Equity       | Developing<br>Economies | 9.0%   | 1.0%  | 0.1%                   | 10.1%  |
| Total        |                         | 63.5%  | 28.0%   | 8.5%                   | 100.0% |

<sup>1</sup> Multi-Strategy Managers generally categorized as Developed Economies Equity



#### Less-Correlated Active Managers (NAV in millions)

|                        |    |             |           |                  |             | Ехро        | sure        |             |                             |
|------------------------|----|-------------|-----------|------------------|-------------|-------------|-------------|-------------|-----------------------------|
| Category               | N  | AV          | %         | # of<br>Managers | Gross       | Net         | Long        | Short       | Large Mandates              |
| L/S – General          | \$ | 1,330       | 22        | 7                | 323%        | -17%        | 153%        | -170%       | Maverick, Blue Ridge        |
| L/S – Geography        | \$ | 723         | 12        | 7                | 194%        | 44%         | 119%        | -75%        | OZ Eur/Asia, Indus Jap/Asia |
| L/S – Sector           | \$ | <u>465</u>  | <u>8</u>  | <u>7</u>         | <u>170%</u> | <u>57%</u>  | <u>114%</u> | <u>-57%</u> | Steadfast Financial         |
| Total L/S              | \$ | 2,519       | 42%       | 21               | 258%        | 14%         | 136%        | -122%       |                             |
|                        |    |             |           |                  |             |             |             |             |                             |
| Multi-Strat - L/S Bias | \$ | 2,003       | 34        | 8                | 228%        | 55%         | 141%        | -87%        | Farallon, Perry, Protégé    |
| Multi-Strat - General  | \$ | 489         | <u>8</u>  | <u>4</u>         | <u>264%</u> | <u>115%</u> | <u>190%</u> | <u>-74%</u> | Satellite                   |
| Total Multi-Strat      | \$ | 2,492       | 42%       | 12               | 235%        | 67%         | 151%        | -84%        |                             |
|                        |    |             |           |                  |             |             |             |             |                             |
| Arbitrage/Rel Value    | \$ | 786         | 13%       | 5                | 840%        | -32%        | 404%        | -436%       | Bridgewater, BGI            |
|                        |    |             |           |                  |             |             |             |             |                             |
| High Yield/Distressed  | \$ | <u> 193</u> | <u>3%</u> | <u>4</u>         | <u>171%</u> | <u>84%</u>  | <u>128%</u> | <u>-43%</u> | Silverpoint                 |
| Total                  | \$ | 5,991       | 100%      | 42               | 322%        | 32%         | 177%        | -145%       |                             |



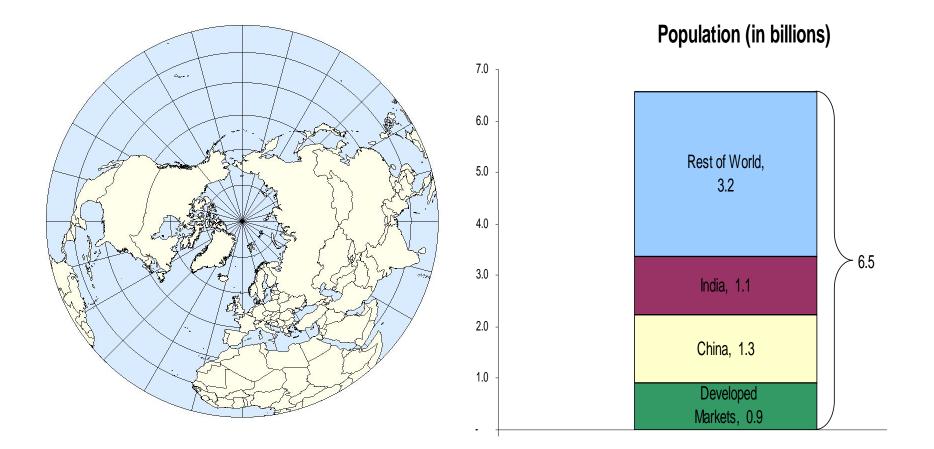
# **Private Equity**

|  |                                       |  | Exi  | Existing Portfolio* (%)              |                                       |      | Existing Portfolio (\$)                      |    |  |                   |  |
|--|---------------------------------------|--|--|--------------------------------------|---------------------------------------|------|--|----|--|-------------------|--|
|  | No. of<br>Managers                    | No. of<br>Funds                        | Invested                                     | Unfunded<br>Comm.                    | Economic<br>Exposure                  | Inve | sted   |    | unded<br>mm.                                   |                   | nomic<br>osure                                 |
| <u>Category</u>  |                                       |  |  |                                      |                                       |      |  |    |  |                   |  |
| US Buyout<br>Euro Buyout<br>EM/Asia Pacific Buyout<br>Global Buyout<br><b>Total Buyout</b> | 17<br>8<br>2<br><u>3</u><br><b>30</b> | 32<br>19<br>2<br><u>6</u><br><b>59</b> | 20%<br>15%<br>1%<br><u>12%</u><br><b>48%</b> | 24%<br>19%<br>1%<br><u>6%</u><br>51% | 23%<br>17%<br><u>9%</u><br><b>50%</b> | \$   | 317<br>239<br>16<br><u>182</u><br><b>754</b> | \$ | 502<br>394<br>28<br><u>131</u><br><b>1,055</b> | \$ \$ \$<br>\$ \$ | 819<br>633<br>44<br><u>313</u><br><b>1,809</b> |
| Venture Capital  | 21                                    | 39                                     | 22%  | 17%                                  | 19%                                   |      | 336  |    | 362  |                   | 698  |
| Opportunistic/Other  | 6                                     | 10                                     | 6%   | 11%                                  | 9%                                    |      | 95   |    | 226  |                   | 321  |
| Distressed/Mezz  | 8                                     | 18                                     | 14%  | 14%                                  | 14%                                   |      | 221  |    | 284  |                   | 505  |
| Energy   | 8                                     | 16                                     | 10%  | 7%                                   | 8%                                    |      | 154  |    | 143  |                   | 297  |
| Total  | 73                                    | 142                                    | 100%   | 100%                                 | 100%                                  | \$   | 1,560  | \$ | 2,070  | \$                | 3,630  |

\* Excludes secondary sale and includes pending commitments



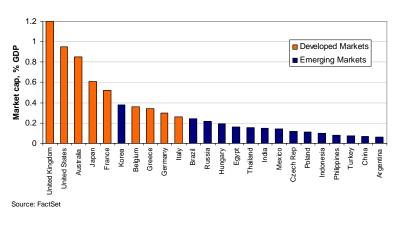
### Strategic Investment Themes: Global Growth and Emerging Markets



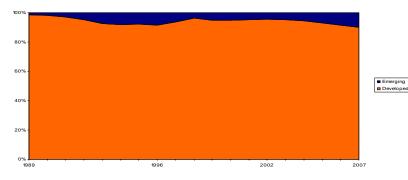


## Emerging Market Economic and Capitalization Trends

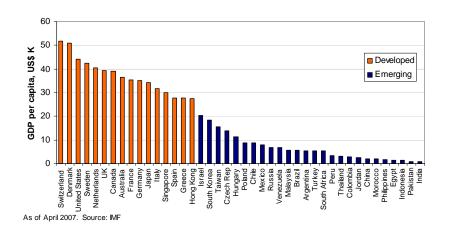
#### Market Cap as % of GDP

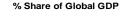


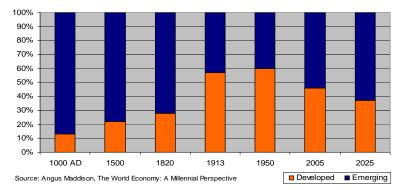
#### Equity Market Capitalization



GDP per Capita











## Emerging Market Risks and Investment Approach

#### <u>Risks</u>

- Political
  - Trade
  - Rule of Law
  - Terrorism/War
- Cycles/Inflation/Volatility
- Corporate Quality
  - Governance
  - Regulation

Local Knowledge/Relationships

| Investment Strategy (20% of Total Portfolio, 30% of Total Equity) | <b>Allocation</b> | <u>Range</u> |
|---|-------------------|--------------|
| Primarily Long Only, No Leverage                                  | 80%               | 25-100%      |
| Long/Short, Leverage  | 10%               | 0-40%        |
| Private Investments   | 10%               | 0-50%        |

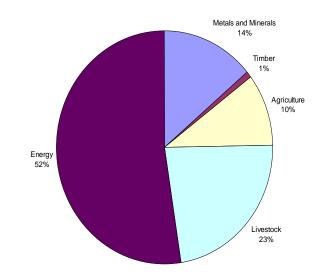


## Natural Resources: How to Invest

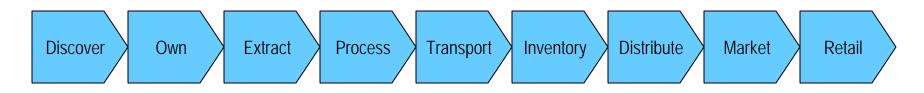
Natural Resources Financial Markets

| Market        | (trillions) |
|---------------|-------------|
| Futures       | \$16.5      |
| Options       | 2.5         |
| Public Equity | 3.0         |

Capital Market by Type of Resource



#### Natural Resources Supply Chain





### Impact of China Growth: Global Demand for Resources

|        |                  |                        |                  |                 | Per Capita Consumption |               |                |              |              |                |
|--------|------------------|------------------------|------------------|-----------------|------------------------|---------------|----------------|--------------|--------------|----------------|
|        | Starting<br>Year | Start Year<br>GDP/Cap* | 20 Yr<br>GDP Inc | 2006<br>GDP/Cap | Oil<br>(bbls)          | Steel<br>(kg) | Copper<br>(kg) | Alum<br>(kg) | Zinc<br>(kg) | Nickel<br>(kg) |
| China  | 2006             | \$1,840                | TBD              | \$1,840         | 2                      | 250           | 3              | 6            | 2            | 0.2            |
| Taiwan | 1972             | \$1,980                | 8.30%            | \$4,810         | 15                     | 975           | 15             | 20           | 9            | 2              |
| Korea  | 1975             | \$1,802                | 8.10%            | \$3,849         | 15                     | 850           | 25             | 19           | 12           | 4              |
| Japan  | 1963             | \$3,848                | 6.00%            | \$13,901        | 13                     | 600           | 10             | 17           | 4            | 2              |

|          | Impact of China's Estimated Demand on World Demand |                              |  |  |                                  |                             |  |  |
|----------|--|------------------------------|--|--|----------------------------------|-----------------------------|--|--|
|          | Historical Annlzd.<br>Demand Growth<br>1960-2006   | Chinese<br>Demand %<br>World | Estimated<br>Chinese<br>Demand<br>Growth | Estimated World (with China)<br>Demand Growth<br>(if rest of world has avg growth) | Growth<br>Relative to<br>History | % Increase in<br>Avg Growth |  |  |
| Copper   | 2.8%   | 20%                          | 9.3%                                     | 4.9%   | 2.0%                             | 71.0%                       |  |  |
| Aluminum | 4.6%   | 24%                          | 4.9%                                     | 4.7%   | 0.1%                             | 2.0%                        |  |  |
| Oil      | 3.1%   | 8%                           | 10.5%                                    | 4.2%   | 1.2%                             | 39.0%                       |  |  |
| Nickel   | 3.4%   | 15%                          | 10.0%                                    | 5.1%   | 1.7%                             | 50.0%                       |  |  |
| Zinc     | 2.8%   | 30%                          | 5.4%                                     | 3.7%   | 1.0%                             | 36.0%                       |  |  |
| Lead     | 2.5%   | 27%                          | 5.8%                                     | 3.6%   | 1.1%                             | 44.0%                       |  |  |
| Tin      | 1.4%   | 34%                          | 6.2%                                     | 3.6%   | 2.1%                             | 140.0%                      |  |  |



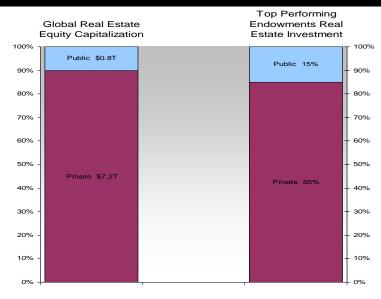
### Natural Resources Investment Strategy

#### Natural Resources as a Separate Asset Class with a 10% Allocation

|  | Energy                        | Metals/Minerals | Ag/Livestock & Timber | Alloc  | ations |
|--|-------------------------------|-----------------|-----------------------|--------|--------|
|  | (Oil, Gas, Elec, Wind, Water) |                 |                       | Target | Range  |
| Allocations by Typ<br>of Natural Resourc |                               |                 |                       |        |        |
| Target                                   | 55%                           | 25%             | 20%                   |        |        |
| Range                                    | 0-70%                         | 0-50%           | 0-40%                 |        |        |
| Investment Vehicle                       | 2S                            |                 |                       |        |        |
| Primarily Long Only,                     | , No Leverage                 |                 |                       | 40%    | 0-70%  |
| Long/Short, Leverag                      | ged                           |                 |                       | 30%    | 0-50%  |
| Private Investments                      |                               |                 |                       | 30%    | 0-70%  |



## Strategic Investment Thesis: Real Estate Private Equity



Other, 24% US, 37% China, 4% France, 4% UK, 7% Germany, 8% Japan, 16%

Market Size by Geography

|        | Public Real Estate Equity |             | Private Real |             |           |
|--------|---------------------------|-------------|--------------|-------------|-----------|
|        | Target                    | Range       | Target       | Range       | Total     |
| US     | 20%                       | 0-50%       | 20%          | 0-40%       | 40%       |
| Europe | 20                        | 0-40        | 10           | 0-30        | 30        |
| Asia   | <u>20</u>                 | <u>0-40</u> | <u>10</u>    | <u>0-30</u> | <u>30</u> |
| Total  | 60%                       | 10-70%      | 40%          | 0-60%       | 100%      |



### **Private Investment Commitment Model**

Given a desired "investment level" and capital call/distribution assumptions, annual commitment 'budgets' can be modeled.

| Private Equity |               |   |     |  |  |  |  |  |
|----------------|---------------|---|-----|--|--|--|--|--|
|                | Capital calls | Unfunded<br>Capital calls commitments Distributions |     |  |  |  |  |  |
| Present        |               | 100%  |     |  |  |  |  |  |
| Year 1         | 18%           | 82%   | 0%  |  |  |  |  |  |
| Year 2         | 21%           | 61%   | 6%  |  |  |  |  |  |
| Year 3         | 19%           | 42%   | 10% |  |  |  |  |  |
| Year 4         | 15%           | 27%   | 12% |  |  |  |  |  |
| Year 5         | 11%           | 16%   | 14% |  |  |  |  |  |
| Year 6         | 9%            | 7%  | 16% |  |  |  |  |  |
| Year 7         | 4%            | 3%  | 19% |  |  |  |  |  |
| Year 8         | 3%            | -   | 23% |  |  |  |  |  |
| Year 9         |               | -   | 23% |  |  |  |  |  |
| Year 10        |               | -   | 18% |  |  |  |  |  |
| Year 11        |               | -   | 13% |  |  |  |  |  |
| Year 12        |               | -   | 7%  |  |  |  |  |  |

|         | Private Re    | al Estate            |               |
|---------|---------------|----------------------|---------------|
|         | Capital calls | Unfunded commitments | Distributions |
| Present |               | 100%                 |               |
| Year 1  | 21%           | 79%                  |               |
| Year 2  | 32%           | 47%                  |               |
| Year 3  | 32%           | 15%                  |               |
| Year 4  | 15%           | -                    | 26%           |
| Year 5  |               | -                    | 25%           |
| Year 6  |               | -                    | 43%           |
| Year 7  |               | -                    | 34%           |
| Year 8  |               | -                    | 4%            |

Drivata Doal Estata



## **Commitment Plan**

|                                     | 2007    | 2008    | 2009    | 2010    | 2011    | 2012    |
|-------------------------------------|---------|---------|---------|---------|---------|---------|
| Credit Related                      |         |         |         |         |         |         |
| % of portfolio                      | 1.2%    | 1.4%    | 1.7%    | 2.1%    | 2.5%    | 2.9%    |
| Unfunded commitment                 | 1.6%    | 2.5%    | 3.0%    | 3.1%    | 3.0%    | 2.9%    |
| Annual commitment                   | \$200m  | \$250m  | \$225m  | \$200m  | \$200m  | \$200m  |
| Natural Resources<br>% of portfolio | 0.9%    | 0.8%    | 1.0%    | 1.5%    | 2.2%    | 3.0%    |
| Unfunded commitment                 | 0.9%    | 1.8%    | 3.1%    | 4.2%    | 4.7%    | 4.6%    |
| Annual commitment                   | \$40m   | \$250m  | \$350m  | \$400m  | \$370m  | \$300m  |
| Developed PE                        |         |         |         |         |         |         |
| % of portfolio                      | 6.5%    | 7.4%    | 8.2%    | 8.9%    | 9.5%    | 9.7%    |
| Unfunded commitment                 | 9.6%    | 9.4%    | 8.5%    | 7.7%    | 6.9%    | 6.9%    |
| Annual commitment                   | \$740m  | \$500m  | \$400m  | \$400m  | \$400m  | \$550m  |
| Emerging PE                         |         |         |         |         |         |         |
| % of portfolio                      | 0.1%    | 0.1%    | 0.3%    | 0.8%    | 1.4%    | 2.1%    |
| Unfunded commitment                 | 0.2%    | 1.2%    | 2.4%    | 3.3%    | 3.7%    | 3.3%    |
| Annual commitment                   | \$30m   | \$210m  | \$300m  | \$300m  | \$300m  | \$150m  |
| Total % of portfolio                | 8.6%    | 9.7%    | 11.3%   | 13.3%   | 15.6%   | 17.7%   |
| Total commitments                   | \$1010m | \$1210m | \$1275m | \$1300m | \$1270m | \$1200m |
|                                     |         |         |         |         |         |         |
| Real Estate                         | 2007    | 2008    | 2009    | 2010    | 2011    | 2012    |
| % of portfolio                      |         | 0.0%    | 0.3%    | 1.1%    | 2.6%    | 4.2%    |
| Unfunded commitment                 |         | 1.3%    | 2.0%    | 2.1%    | 2.3%    | 1.3%    |
| Annual commitment                   |         | \$250m  | \$400m  | \$500m  | \$500m  | \$500m  |
|                                     |         |         |         |         |         |         |
| Total Illiquid                      | 8.6%    | 9.7%    | 11.5%   | 14.4%   | 18.1%   | 22.0%   |



## PUF and GEF Strategic Asset Allocation FY 2012 Recommendation vs Current

|        |                         | More Cor<br>Primarily L<br>No Lev | ong-Only, | Long/ | nstrained<br>Short,<br>ered | Priv<br>Investi |      | Тс     | otal   |
|--------|-------------------------|-----------------------------------|-----------|-------|-----------------------------|-----------------|------|--------|--------|
| Fixed  | Investment<br>Grade     | 5.5%                              | 13.0%     | 2.0%  | 3.0%                        | 0.0%            | 0.0% | 7.5%   | 16.0%  |
| Income | Credit Related          | 1.5%                              | 0.0%      | 3.0%  | 1.0%                        | 3.0%            | 1.2% | 7.5%   | 2.2%   |
| Real   | Natural<br>Resources    | 4.0%                              | 6.0%      | 3.0%  | 1.0%                        | 3.0%            | 0.8% | 10.0%  | 7.8%   |
| Assets | Real Estate             | 5.0%                              | 4.0%      | 1.0%  | 0.0%                        | 4.0%            | 0.0% | 10.0%  | 4.0%   |
| Fauity | Developed<br>Economies  | 16.0%                             | 31.5%     | 19.0% | 22.0%                       | 10.0%           | 6.4% | 45.0%  | 59.9%  |
| Equity | Developing<br>Economies | 16.0%                             | 9.0%      | 2.0%  | 1.0%                        | 2.0%            | 0.1% | 20.0%  | 10.1%  |
| Total  |                         | 48.0%                             | 63.5%     | 30.0% | 28.0%                       | 22.0%           | 8.5% | 100.0% | 100.0% |

Black = Recommended Portfolio Red = Current Portfolio



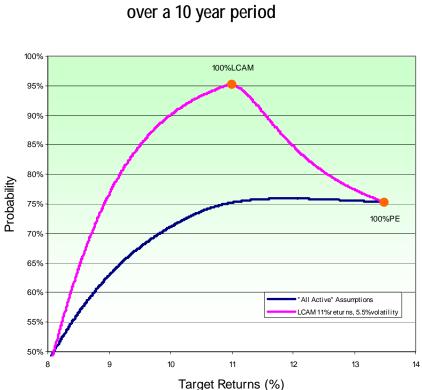
### **Recommended Strategy in Existing Format**

|   | Actual Allocation | Current Policy | Recommended Policy |
|---|-------------------|----------------|--------------------|
| Cash  | 3.0               | 0.0            | N/S                |
| Nominal Bonds   | 7.0               | 10.0           | N/S                |
| TIPs  | 3.0               | 5.0            | N/S                |
| Investment Grade  | N/S               | N/S            | 5.5                |
| Credit Related (Primarily Long Only)                            | <u>N/S</u>        | <u>N/S</u>     | <u>1.5</u>         |
| Total Fixed Income  | 13.0              | 15.0           | 7.0                |
| Public Real Estate  | 4.0               | 5.0            | 5.0                |
| Private Real Estate   | <u>N/A</u>        | <u>N/A</u>     | <u>4.0</u>         |
| Total Real Estate   | 4.0               | 5.0            | 9.0                |
| Natural Resources (Primarily Long Only)                         | 4.0               | 3.0            | 4.0                |
| US Public Equity  | 23.0              | 20.0           | 8.0                |
| Non-US Dev Pub Equity   | <u>11.0</u>       | <u>10.0</u>    | <u>8.0</u>         |
| Total Developed Equity  | 34.0              | 30.0           | 16.0               |
| Developing Equity   | 9.0               | 7.0            | 16.0               |
| Buy out   | 9.0               | 11.0           | N/S                |
| VC  | <u>2.0</u>        | <u>4.0</u>     | <u>N/S</u>         |
| Private Equity (Including Natural Resources and Credit Related) | 11.0              | 15.0           | 18.0               |
| Abs Ret   | 15.0              | 15.0           | N/S                |
| Directional   | <u>10.0</u>       | <u>10.0</u>    | <u>N/S</u>         |
| LCAM (Including Natural Resources and Credit Related)           | 25.0              | 25.0           | 30.0               |
| Total Assets  | 100.0%            | 100.0%         | 100.0%             |



## PUF and GEF Recommendation – Projected Results

- Expected Returns: 9.9%
- Downside Risk: 9.1%
- Sortino Ratio .20
- Probability of meeting 66%
   10 year return target
- Less attractive risk/return profile than unconstrained portfolio
  - 15% FI (vs 0% in unconstrained portfolio)
  - 4% Private Real Estate (vs 18-33%)
  - 18% Private Equity (vs 32-40%)



Probability of Achieving 8.1% returns over a 10 year period



## **Asset Allocation Tactical Ranges**

|                      |              | imarily Lo<br>on-Lever |              | Long/       | Short, Lev  | vered       | Privat      | e Invest    | ments       |              | Total         |              |
|----------------------|--------------|------------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|--------------|
|                      | <u>Min</u>   | <u>Target</u>          | <u>Max</u>   | <u>Min</u>  | Target      | <u>Max</u>  | <u>Min</u>  | Target      | <u>Max</u>  | <u>Min</u>   | <u>Target</u> | <u>Max</u>   |
|                      |              |                        |              |             |             |             |             |             |             |              |               |              |
| Investment Grade     | 5.0%         | 5.5%                   | 15.0%        | 0.0%        | 2.0%        | 5.0%        | 0.0%        | 0.0%        | 5.0%        | 5.0%         | 7.5%          | 20.0%        |
| Credit-Related       | <u>0.0%</u>  | <u>1.5%</u>            | <u>5.0%</u>  | <u>1.0%</u> | <u>3.0%</u> | <u>5.0%</u> | <u>0.0%</u> | <u>3.0%</u> | <u>5.0%</u> | <u>2.5%</u>  | <u>7.5%</u>   | <u>10.0%</u> |
| Total Fixed Income   | 5.0%         | 7.0%                   | 20.0%        | 1.0%        | 5.0%        | 10.0%       | 0.0%        | 3.0%        | 7.5%        | 7.5%         | 15.0%         | 25.0%        |
|                      |              |                        |              |             |             |             |             |             |             |              |               |              |
| Natural Resources    | 2.0%         | 4.0%                   | 6.0%         | 1.0%        | 3.0%        | 5.0%        | 1.0%        | 3.0%        | 6.0%        | 5.0%         | 10.0%         | 15.0%        |
| Real Estate          | <u>2.5%</u>  | <u>5.0%</u>            | <u>7.5%</u>  | <u>0.0%</u> | <u>1.0%</u> | <u>3.0%</u> | <u>2.0%</u> | <u>4.0%</u> | <u>8.0%</u> | <u>5.0%</u>  | <u>10.0%</u>  | <u>15.0%</u> |
| Total Real Assets    | 4.5%         | 9.0%                   | 13.5%        | 1.0%        | 4.0%        | 8.0%        | 3.0%        | 7.0%        | 12.0%       | 8.5%         | 20.0%         | 30.0%        |
|                      |              |                        |              |             |             |             |             |             |             |              |               |              |
| Developed Economies  | 12.0%        | 16.0%                  | 25.0%        | 15.0%       | 19.0%       | 25.0%       | 7.5%        | 10.0%       | 15.0%       | 32.5%        | 45.0%         | 55.0%        |
| Developing Economies | <u>10.0%</u> | <u>16.0%</u>           | <u>25.0%</u> | <u>0.0%</u> | <u>2.0%</u> | <u>5.0%</u> | <u>0.0%</u> | <u>2.0%</u> | <u>5.0%</u> | <u>10.0%</u> | <u>20.0%</u>  | <u>25.0%</u> |
| Total Equity         | 25.0%        | 32.0%                  | 40.0%        | 15.0%       | 21.0%       | 30.0%       | 7.5%        | 12.0%       | 20.0%       | 47.5%        | 65.0%         | 65.0%        |
|                      |              |                        |              |             |             |             |             |             |             |              |               |              |
| Total                | 42.0%        | 48.0%                  | 60.0%        | 25.0%       | 30.0%       | 33.0%       | 15.0%       | 22.0%       | 25.0%       | 100.0%       | 100.0%        | 105.0%       |



## **Implementation Timetable**

Asset Class target reached in 3 years, Investment Vehicle reached in 5 years

| Asset Class          | Adjusted<br>Current | FY 08<br>Target | FY 09<br>Target | FY 10<br>Target | FY 11<br>Target | FY 12<br>Target |
|----------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Investment Grade     | 16.0%               | 12.0%           | 10.0%           | 7.5%            | 7.5%            | 7.5%            |
| Credit Related       | 2.2                 | 5.0             | 7.0             | 7.5             | 7.5             | 7.5             |
| Natural Resources    | 7.8                 | 9.0             | 10.0            | 10.0            | 10.0            | 10.0            |
| Real Estate          | 4.0                 | 6.0             | 8.0             | 10.0            | 10.0            | 10.0            |
| Developed Economies  | 59.9                | 56.5            | 50.0            | 45.0            | 45.0            | 45.0            |
| Developing Economies | <u>10.1</u>         | <u>12.5</u>     | <u>15.0</u>     | <u>20.0</u>     | <u>20.0</u>     | <u>20.0</u>     |
| Total Assets         | 100.0%              | 100.0%          | 100.0%          | 100.0%          | 100.0%          | 100.0%          |
| Investment Vehicle   |                     |                 |                 |                 |                 |                 |
| LCAM                 | 28.0%               | 30.0%           | 30.0%           | 30.0%           | 30.0%           | 30.0%           |
| Private Equity       | 8.6%                | 9.7%            | 11.5%           | 14.4%           | 18.1%           | 22.0%           |



## Benchmarks

|              |                         | More Constrained,<br>Primarily Long-Only,<br>No Leverage | Less Constrained,<br>Long/Short,<br>Levered | Private Investments |
|--------------|-------------------------|--|---|---------------------|
| Fixed Income | Investment<br>Grade     | Lehman Brothers Global Aggregate                         |   |                     |
| Fixed income | Credit<br>Related       | Citigroup High Yield                                     |   |                     |
| Deel Acceto  | Natural<br>Resources    | DJ-AIG   |   |                     |
| Real Assets  | Real<br>Estate          | 60% DJ Wilshire  | RESI + 40% NCREIF                           |                     |
| Fruitz       | Developed<br>Economies  | MSCI World Index ex EM                                   |   |                     |
| Equity       | Developing<br>Economies | MSCI EM Index with Net Dividends                         |   |                     |

Long/Short, Levered: MSCI Investable HF Index

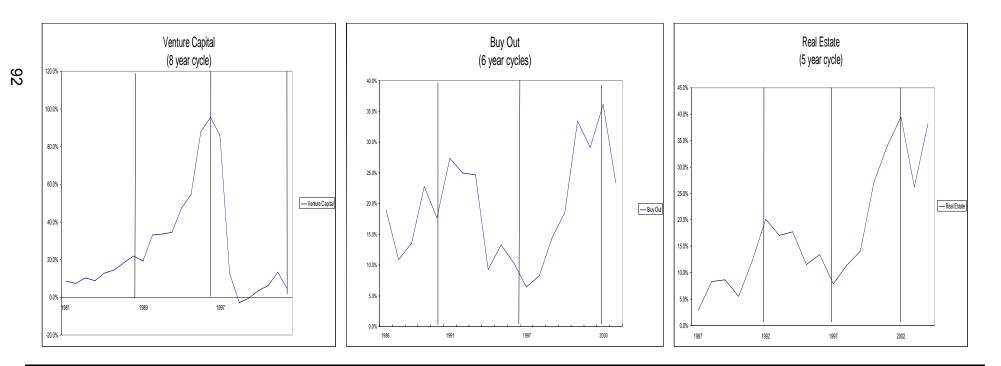
Private Investments: Venture Economics Periodic IRR Index

9



# Illiquidity: Cash Needs and Cycles

- While the PUF and GEF's cash needs are only 5% per year, the need to liquidate "illiquid" investments at inopportune times during a cycle pose a significant risk.
- 10 year cycles and 5% annual distribution result in a "simplistic" illiquidity cap of 50%





### Illiquidity and Unfunded Commitment Limits

#### Current Portfolio

| Asset Class          | % of Portfolio | 1<br>Illiquid    |                      | Semi             | -liquid              |
|----------------------|----------------|------------------|----------------------|------------------|----------------------|
|                      |                | % of Asset Class | % of Total Portfolio | % of Asset Class | % of Total Portfolio |
| Investment Grade     | 16%            | 10%              | 2%                   | 4%               | 1%                   |
| Credit Related       | 2%             | 80%              | 2%                   | 64%              | 1%                   |
| Natural Resources    | 8%             | 56%              | 4%                   | 47%              | 4%                   |
| Real Estate          | 4%             | 0%               | 0%                   | 0%               | 0%                   |
| Developed Economies  | 60%            | 33%              | 20%                  | 20%              | 12%                  |
| Developing Economies | <u>10%</u>     | 1%               | <u>0%</u>            | 1%               | <u>0%</u>            |
| Total                | 100%           |                  | 28%                  |                  | 18%                  |

#### Recommended Portfolio

| Asset Class          | % of Portfolio | 1<br>Illiquid    |                      | Sem              | i-liquid             |
|----------------------|----------------|------------------|----------------------|------------------|----------------------|
|                      |                | % of Asset Class | % of Total Portfolio | % of Asset Class | % of Total Portfolio |
| Investment Grade     | 7.5%           | 0%               | 0%                   | 0%               | 0%                   |
| Credit Related       | 7.5%           | 62%              | 4%                   | 48%              | 3%                   |
| Nat Resources        | 10.0%          | 56%              | 5%                   | 46%              | 4%                   |
| Real Estate          | 10.0%          | 75%              | 7%                   | 72%              | 7%                   |
| Developed Economies  | 45.0%          | 42%              | 21%                  | 28%              | 14%                  |
| Developing Economies | <u>20.0%</u>   | 27%              | <u>4%</u>            | 22%              | <u>3%</u>            |
| Total                | 100.0%         |                  | 43%                  |                  | 33%                  |

<sup>1</sup> Liquidity = 3 months  $^2$  Liquidity = 1 year



## Recommended Unfunded Commitment Constraints

| Asset Class          | Recommended Portfolio |                            |           |  |  |  |
|----------------------|-----------------------|----------------------------|-----------|--|--|--|
|                      | Invested              | Max Unfunded<br>Commitment |           |  |  |  |
| Investment Grade     | 0%                    | 0%                         | 2%        |  |  |  |
| Credit Related       | 3%                    | 4%                         | 5%        |  |  |  |
| Natural Resources    | 3%                    | 5%                         | 7%        |  |  |  |
| Real Estate          | 4%                    | 6%                         | 8%        |  |  |  |
| Developed Economies  | 10%                   | 12%                        | 14%       |  |  |  |
| Developing Economies | <u>2%</u>             | <u>4%</u>                  | <u>6%</u> |  |  |  |
| Total                | 22%                   | 31%                        | 42%       |  |  |  |



## **Derivative Policy**

- In October, 2002 the Board approved the Derivative Investment Policy which details the
  - 1) Applications for,
  - 2) Documentation of, and
  - 3) Limitations on and monitoring of

the use of derivatives by UTIMCO staff and its External Managers operating under Agency Agreements

- Permitted Applications involve:
  - Assist with portfolio risk management
  - Alter systemic (market) exposure
  - Construction of risk/return portfolios which can't be created using the cash market
  - Provide for efficiency in strategic implementation
  - Facilitate mandate transitions

Derivatives are not permitted in asset classes inconsistent with Investment Policies

- Required Documentation includes:
  - Purpose
  - Justification
  - Baseline Portfolio
  - Derivative Application Portfolio

- Risks (including at a minimum: Modeling, Pricing, Liquidity and Legal)
- Expected change in systematic and specific risk
- Procedures in place to monitor and manage
- Contracts/procedures to account for value

- Limitations include:
  - Downside Risk vs Baseline must be within ± 20%
  - "Global" exposure must be within Strategic Asset Allocation
  - Counterparty must be A-/A3 or better and no more than 1% of total fund net exposure to a single counterparty
- Monitoring includes daily mark-to-market and review by Risk Management and CIO



# **Approved Derivatives and Leverage**

- In June 2003, the Board approved UTIMCO Staff to use derivatives in three applications:
  - US Equity: Market Cap and Sector "Shifts"
  - Non-US Equity: Country/Geography "Shifts"
  - GSCI: Gain commodity exposure
- In September 2003, the Board approved UTIMCO Staff to use derivatives in a "Structured Active Management" application:
  - Maintain US equity market exposure
  - Obtain active return via hedge fund mandates/risk

A limit of 5% of the Total Fund was placed on this application

- The CIO recommend three changes/enhancements to the risk management/reporting of the use of derivatives
  - The Structured Active Management application will be disaggregated for reporting purposes into the US
    equity and hedge fund elements of the application
  - The Notional Delta Equivalent associated with the use of options will be used to calculate the "Global" exposure vis-à-vis the Strategic Asset Allocation
  - Each element of the derivative application will be reported in its respective asset allocation for the purposes of calculating the "Global" exposure vis-à-vis the Strategic Asset Allocation



# **Current ITF Strategic Asset Allocation**

#### No change recommended for ITF at this time

| As of June 30, 2007 |                         | More<br>Constrained,<br>Primarily<br>Long-Only,<br>No Leverage | Less<br>Constrained,<br>Long/Short,<br>Levered | Private<br>Investments | Total  |
|---------------------|-------------------------|--|--|------------------------|--------|
| Fixed Income        | Investment<br>Grade     | 35.0%  | 2.7%   | 0.0%                   | 37.7%  |
| Fixed income        | Credit<br>Related       | 0.0%   | 0.9%   | 0.0%                   | 0.9%   |
| Real Assets         | Natural<br>Resources    | 5.0%   | 0.9%   | 0.0%                   | 5.9%   |
|                     | Real Estate             | 8.0%   | 0.0%   | 0.0%                   | 8.0%   |
| Equity              | Developed<br>Economies  | 22.0%  | 19.6%  | 0.0%                   | 41.6%  |
| Equity              | Developing<br>Economies | 5.0%   | 0.9%   | 0.0%                   | 5.9%   |
| Total               |                         | 75.0%  | 25.0%  | 0.0%                   | 100.0% |

#### 10. U. T. System Board of Regents: Presentation regarding work of the Brackenridge Tract Task Force

#### INTRODUCTION

Mr. Larry E. Temple, Chairman of the Brackenridge Tract Task Force, will present the work and recommendations of the Brackenridge Tract Task Force.

#### **BACKGROUND INFORMATION**

At the July 14, 2006 meeting of the U. T. System Board of Regents, Chairman James R. Huffines, acting on behalf of the Board, announced the establishment of the Brackenridge Tract Task Force to be chaired by Mr. Larry E. Temple. Chairman Huffines gave the following charge to the Task Force:

The charge to the Task Force is to review and identify facts and issues that impact land held in Travis County by the U. T. System Board of Regents for the benefit of The University of Texas at Austin and known as the Brackenridge Tract. The Task Force is asked to seek input and advice concerning the Board's stewardship of the Brackenridge Tract, to make findings of fact related to the asset, to identify alternatives concerning long term uses of the Tract, and to make recommendations concerning the best and most prudent ways to utilize the asset to the maximum benefit of The University of Texas at Austin.

Chairman Huffines subsequently appointed the following Task Force members:

- Dr. Pat L. Clubb
- Mr. Frank W. Denius
- Mr. Jesus Garza
- Ms. Dealey Herndon
- Mr. Kevin P. Hegarty
- Dr. Scott C. Kelley
- Mr. Tom Meredith
- Mr. C. Patrick Oles, Jr.
- Ambassador Pamela P. Willeford

#### 11. <u>U. T. System Board of Regents: Approval of the U. T. System-wide Internal</u> Audit Plan for Fiscal Year 2008

#### RECOMMENDATION

Audit, Compliance, and Management Review Committee Chairman Estrada recommends that the U. T. System Board of Regents approve the proposed U. T. System-wide Internal Audit Plan (Plan) for Fiscal Year 2008. Development of the Plan is based on risk assessments performed at each institution. Implementation of the Plan will be coordinated with the institutional auditors.

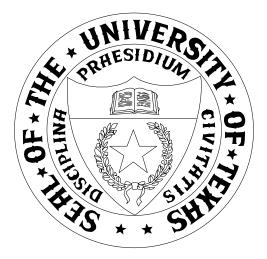
The full Plan, including an executive summary on Pages 100 - 129, is attached on Pages 102 - 103.

#### **BACKGROUND INFORMATION**

Institutional audit plans, compiled by the internal audit departments after input and guidance from the System Audit Office, Offices of Academic or Health Affairs, and the institution's management and Institutional Audit Committee, were submitted to all Institutional Audit Committees and institutional presidents for review and comments. Additionally, the institutional audit plans were presented and discussed at the U. T. System Administration Internal Audit Committee meeting held on September 6, 2007.

The Chief Audit Executive provided feedback by conducting audit hearings with each institution. After the review process, each Institutional Audit Committee formally approved its institution's audit plan.

# THE UNIVERSITY OF TEXAS SYSTEM SYSTEM-WIDE AUDIT PROGRAM



#### INTERNAL AUDIT PLAN FISCAL YEAR 2008

Mr. Charles G. Chaffin, Chief Audit Executive The University of Texas System 201 West 7<sup>th</sup> Street, CLB 3.100 Austin, TX 78701

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#### **Executive Summary**

The University of Texas System-wide fiscal year 2008 Internal Audit Plan (2008 Audit Plan) is a blueprint of the internal audit activities that will be performed by the internal audit function throughout The University of Texas System in FY 2008. Individual audit plans were prepared at System Administration and each institution and approved by the Institutional Audit Committee.

The process of preparing the audit plans is risk based and ensures that areas/activities specific to each institution with the greatest risk are identified to be audited. The System Audit Office, Offices of Academic or Health Affairs, and the institution's Management and Audit Committee provided input and guidance on the audit plans. Additionally, the Chief Audit Executive provided direction to the internal audit directors prior to the preparation of the audit plans and formal feedback through "audit hearings" with each institution.

The efforts of the internal audit function continue to expand into areas other than the performance of traditional audits. Examples of added services include: providing continued assistance in the System-wide Financial Audit, implementation of Enterprise Risk Management, and performing consulting projects and special investigations at the request of management.

The 2008 Audit Plan illustrates an economic and efficient use of internal audit resources, and addresses the risks of The University of Texas System by planning activities as follows:

|                      | Audit   | % of        |
|----------------------|---------|-------------|
| Area                 | Hours   | Total Hours |
| UT System Requested  | 25,980  | 20%         |
| Externally Required  | 15,040  | 12%         |
| Risk Based           | 47,460  | 37%         |
| Change in Management | 8,760   | 7%          |
| Follow-up            | 5,374   | 4%          |
| Projects             | 25,102  | 20%         |
| Total                | 127,716 | 100%        |

|                                   | UT System<br>Requested | Externally<br>Required | Risk Based | Change in<br>Management | Follow-up | Projects | Total      |
|-----------------------------------|------------------------|------------------------|------------|-------------------------|-----------|----------|------------|
| U. T. System Administration       | 2,930                  | 1,600                  | 5,650      | 700                     | 300       | 3,460    | 14,640     |
| Large Institutions:               |                        |                        |            |                         |           |          |            |
| U. T. Austin                      | 1,950                  | 2,450                  | 4,500      | 2,400                   | 1,000     | 2,400    | 14,700     |
| U. T. Southwestern                | 3,200                  | 840                    | 6,250      | 2,000                   | 200       | 2,550    | 15,040     |
| U. T. Medical Branch at Galveston | 1,550                  | 1,960                  | 5,395      | 680                     | 600       | 1,625    | 11,810     |
| U. T. HSC - Houston               | 2,310                  | 610                    | 2,215      | 715                     | 310       | 1,552    | 7,712      |
| U. T. HSC - San Antonio           | 2,580                  | 1,300                  | 1,090      | 300                     | 300       | 1,670    | 7,240      |
| U. T. MDA Cancer Center           | 850                    | 550                    | 8,475      | -                       | 800       | 3,700    | 14,375     |
| Subtotal                          | 12,440                 | 7,710                  | 27,925     | 6,095                   | 3,210     | 13,497   | 70,877     |
|                                   |                        |                        |            |                         |           |          |            |
| Mid-size Institutions:            |                        |                        |            |                         |           |          |            |
| U. T. Arlington                   | 1,940                  | 830                    | 2,150      | -                       | 300       | 850      | 6,070      |
| U. T. Brownsville                 | 1,000                  | 400                    | 1,550      | 450                     | 350       | 700      | 4,450      |
| U. T. Dallas                      | 740                    | 920                    | 2,170      | 140                     | 90        | 610      | 4,670      |
| U. T. El Paso                     | 1,650                  | 1,000                  | 3,400      | 350                     | 400       | 1,474    | 8,274      |
| U. T. Pan American                | 1,560                  | 900                    | 975        | 305                     | 150       | 890      | 4,780      |
| U. T. San Antonio                 | 1,700                  | 770                    | 2,120      | -                       | 300       | 1,696    | 6,586      |
| Subtotal                          | 8,590                  | 4,820                  | 12,365     | 1,245                   | 1,590     | 6,220    | 34,830     |
| Small Institutions:               |                        |                        |            |                         |           |          |            |
| U. T. Permian Basin               | 470                    | 230                    | 140        | 400                     | 62        | -        | 1,302      |
| U. T. Tyler                       | 500                    | 240                    | 880        | 200                     | 52        | 715      | 2,587      |
| U. T. HC at Tyler                 | 1,050                  | 440                    | 500        | 120                     | 160       | 1,210    | 3,480      |
| Subtotal                          | 2,020                  | 910                    | 1,520      | 720                     | 274       | 1,925    | 7,369      |
|                                   | ,                      |                        | ,          | 2                       | -         | ,        | , <b>-</b> |
| TOTAL                             | 25,980                 | 15,040                 | 47,460     | 8,760                   | 5,374     | 25,102   | 127,716    |
| Percentage of Total               | 20%                    | 12%                    | 37%        | 7%                      | 4%        | 20%      | 100%       |

#### **Appendix A**

U. T. System Administration

#### ~Large Institutions

U. T. Austin

U. T. Southwestern Medical Center at Dallas

U. T. Medical Branch at Galveston

U. T. Health Science Center at Houston

U. T. Health Science Center at San Antonio

U. T. M. D. Anderson Cancer Center

#### The University of Texas System Administration

(Part 1 of 2 - System Administration Audit) INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$151,803,792 Total Number of 2008 Budgeted Auditor Positions: 13.95

#### Fiscal Year 2008 Audit Plan

| 1,400<br>400<br>200<br>30<br><b>2,030</b><br><b>0</b><br>500<br>300<br>100<br>0<br>200 | 16%<br>5%<br>2%<br>0%<br><b>23%</b>                     |
|--|---|
| 400<br>200<br>30<br><b>2,030</b><br>0<br>500<br>300<br>100<br>0<br>200                 | 5%<br>2%<br>0%<br><b>23%</b>                            |
| 400<br>200<br>30<br><b>2,030</b><br>0<br>500<br>300<br>100<br>0<br>200                 | 2%<br>0%<br><b>23%</b>                                  |
| 30<br><b>2,030</b><br><b>0</b><br>500<br>300<br>100<br>0<br>200                        | 0%<br><b>23%</b>  |
| <b>2,030</b><br><b>0</b><br>500<br>300<br>100<br>0<br>200                              | 23%   |
| <b>2,030</b><br><b>0</b><br>500<br>300<br>100<br>0<br>200                              | 23%   |
| <b>0</b><br>500<br>300<br>100<br>0<br>200  |   |
| 500<br>300<br>100<br>0<br>200  | 0/%   |
| 500<br>300<br>100<br>0<br>200  | 0/%   |
| 500<br>300<br>100<br>0<br>200  | 0/%   |
| 300<br>100<br>0<br>200   |   |
| 300<br>100<br>0<br>200   |   |
| 100<br>0<br>200  |   |
| 0<br>200   |   |
| 200  |   |
|  |   |
|  |   |
| 500  |   |
| 100  |   |
| 100  |   |
| 100  |   |
| 1900   | 22%   |
|  |   |
| 1.000  |   |
|  |   |
|  |   |
|  |   |
|  |   |
|  |   |
| 200  |   |
| 2500   | 29%   |
|  | <b>1900</b><br>1,000<br>300<br>300<br>300<br>400<br>200 |

Consolidated by: U. T. System Audit Office Date: September 2007

| IT Institutional Risk-based   |       |      |
|---|-------|------|
| Filenet   | 200   |      |
| Texas Medical & Dental Schools Application Service (TMDSAS) IT<br>Systems | 200   |      |
| Risk-based TBD  | 100   |      |
| Student project TBD   | 50    |      |
| Subtotal  | 550   | 6%   |
| Change in Management/Departmental   |       |      |
| OEB   | 150   |      |
| Research and Technology Transfer  | 150   |      |
| Federal Relations   | 150   |      |
| Controller's Office   |       |      |
| Telecampus  | 150   |      |
| Subtotal  | 600   | 7%   |
| Follow-up   | 300   | 3%   |
| Audit Projects  |       |      |
| Carry forward 5   | 80    |      |
| -   | 50    |      |
| State reporting   | 40    |      |
| Audit plan and risk assessments   | 50    |      |
| Subtotal  | 820   | 9%   |
| TOTAL   | 8,700 | 100% |

### The University of Texas System Administration

(Part 2 of 2 - Oversight)

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$151,803,792

Total Number of 2008 Budgeted Auditor Positions: 13.95

# Fiscal Year 2008 Audit Plan - Oversight

|  | Priority | %     |
|--|----------|-------|
|  | Budgeted | of    |
| Audit Areas  | Hours    | Total |
|  |          |       |
| T System Requested Audits  |          |       |
| Guidance/Assistance Provided to the Institutions related to the  | 300      |       |
| System-wide Financial Audit - FY 2007  | 000      |       |
| Guidance/Assistance Provided to the Institutions related to the  | 50       |       |
| System-wide Financial Audit - FY 2008<br>Assistance to UT Permian Basin related to the Financial Audit - | 300      |       |
| FY 2007  | 000      |       |
| Assistance to Health Center - Tyler related to the Financial   | 250      |       |
| Audit - FY 2007  |          |       |
| Consulting   |          |       |
| Special Requests   |          |       |
| Carryforward   |          |       |
| Subtotal   | 900      | 15%   |
| UT San Antonio, and UT Pan American <i>Consulting</i>  |          |       |
| Special Requests   |          |       |
| Carryforward   |          |       |
| Subtotal   | 1600     | 27%   |
|  |          |       |
| isk-based Institutional Audits   |          |       |
| Audits   | 050      |       |
| IT Audits - Various institutions   | 250      |       |
| Consulting   |          |       |
| System-wide IT Consulting  | 100      |       |
| Student Health Center Audits Consulting  | 50       |       |
|  | 000      |       |
| Special Requests   | 300      |       |
| Carryforward Subtotal  | 700      | 12%   |
| JUDIOLAI   | 700      | 1270  |

### Change in Management

Audits

| Consulting  |      |      |
|---|------|------|
| Special Requests  | 100  |      |
| Texas International Education Consortium (TIEC) Change in Management                |      |      |
| Carryforward  |      |      |
| Subtotal  | 100  | 2%   |
| Follow-up   |      |      |
| Audits  |      |      |
| Consulting  |      |      |
| Special Requests  |      |      |
| Carryforward  |      |      |
| Subtotal  | 0    | 0%   |
|   |      |      |
| Audit Projects  |      |      |
| Reporting   |      |      |
| 2009 System-wide Audit Plan 50  |      |      |
| Audit, Compliance, and Management Review Committee 250                              |      |      |
| (ACMR)<br>Recommendation Tracking System (Red, Orange, Yellow, 250<br>Green - ROYG) |      |      |
| Internal Audit Council 150  |      |      |
| In the News - Newsletter 45   |      |      |
| Consulting  |      |      |
| Institution Liaison Activities 1200   |      |      |
|   |      |      |
| Special Requests  |      |      |
| Institutional Peer Reviews 50   |      |      |
| System Audit Office Peer Review Self-Assessment and 400                             |      |      |
| Preparation<br>To Be Determined 200   |      |      |
| To be Determined 200  |      |      |
| Carryforward  |      |      |
| 2008 System-wide Audit Plan 45  |      |      |
| Subtotal  | 2640 | 44%  |
| Total Hours   | 5940 | 100% |

### The University of Texas at Austin

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$1,851,737,373 Total Number of 2008 Budgeted Auditor Positions: 15

### Fiscal Year 2008 Audit Plan

| Audit Areas   | Priority<br>Budgeted<br>Hours | %<br>of<br>Total |
|---|-------------------------------|------------------|
| Audit Aleas   | nouis                         | TOLAI            |
| IT System Requested   |                               |                  |
| FY 2007 Financial Statement Review  | 1,000                         |                  |
| FY 2008 Financial Statement Review  | 200                           |                  |
| Presidential Travel and Entertainment Expenses  | 300                           |                  |
| IT Systems Change Management Audit  | 350                           |                  |
| Federal Portion of the Statewide Single Audit (assist SAO)  | 100                           |                  |
| Subtotal  | 1,950                         | 13%              |
| xternally Required  |                               |                  |
| Advanced Research Program (ARP) Grants  | 600                           |                  |
| Technology Workforce Development (TWD) Grants   | 400                           |                  |
| Higher Education Coordinating Board Facilities Audit  | 500                           |                  |
| Texas Administrative Code (TAC) 202 Compliance Audit<br>National Automated Clearing House Association (NACHA) - rules for | 250                           |                  |
| electronic check payments   | 150                           |                  |
| NCAA Football Attendance  | 100                           |                  |
| Southern Association of Colleges and Schools (SACS) Accreditation<br>Review   | 300                           |                  |
| Governance - Ethics and Conflict of Interest, campus-wide survey  | 150                           |                  |
| Subtotal  | 2450                          | 17%              |
| isk Based Tier One: Institutional   |                               |                  |
| Student Quality - under Provost   | 300                           |                  |
| NCAA - Bylaw 16 Awards and Benefits   | 500                           |                  |
| Physical Plant  | 500                           |                  |
| Enrollment Management - Student Affairs   | 300                           |                  |
| Student Financial Services - ERM  | 200                           |                  |
| Human Resources - the Hiring Process, carryforward  | 200                           |                  |
| Environmental Health and Safety, carryforward   | 100                           |                  |
| Subtotal  | 2100                          | 14%              |
| ick Pasad Tiar Two, Auditable Area  |                               |                  |
| isk Based Tier Two: Auditable Area<br>Research  |                               |                  |
| Administrative Support for Research   | 500                           |                  |
| Export Controls   | 300                           |                  |
| Animal and Human Subject Research   | 300                           |                  |
| Time and Effort Reporting, Project Level, carryforward  | 100                           |                  |
| Propagad by: 11 T. System Internal Audit Program  |                               |                  |

| Information Technology              |      |        |                  |
|-------------------------------------|------|--------|------------------|
| University of Texas System Rule 165 |      | 750    |                  |
| SENF (Security of SSN)              |      | 300    |                  |
| SSN Security Report Review          |      | 150    |                  |
|                                     |      |        |                  |
| Subtotal                            |      | 2400   | 16%              |
| Change in Management Allocation     |      |        |                  |
| Change in Management Audits         |      | 2200   |                  |
|                                     |      |        |                  |
| Management Review Carryforward      |      | 200    |                  |
|                                     |      |        |                  |
| Subtotal                            |      | 2400   | 16%              |
|                                     | -    | 4000   | 70/              |
| Follow-up                           |      | 1000   | 7%               |
| Audit Projects                      |      |        |                  |
| U. T. System Requests               |      |        |                  |
| Special Requests - Audits           |      |        |                  |
| Athletics - Entertainment           | 300  |        |                  |
| Texas Union                         | 300  |        |                  |
| Texas Student Media                 | 200  |        |                  |
| Purchasing Contracts, campus-wide   | 250  |        |                  |
|                                     |      |        |                  |
| Audit Projects Subtotal             | 1050 |        |                  |
| Consulting Projects                 |      |        |                  |
| Special Requests - Consulting       |      |        |                  |
| Consulting Projects Subtotal        | 0    |        |                  |
|                                     |      |        |                  |
| Other Projects                      |      |        |                  |
| Quality Assurance Review            | 350  |        |                  |
| Internal Audit Committee            | 350  |        |                  |
| Investigations                      | 250  |        |                  |
| IA Technical Support                | 400  |        |                  |
| Other Projects Subtotal             | 1350 |        |                  |
|                                     |      |        |                  |
| Projects Total                      |      | 2400   | <mark>16%</mark> |
| Total Hours                         | -    | 14,700 | 100%             |
|                                     | =    |        |                  |

Prepared by: U. T. System Internal Audit Program Consolidated by: U. T. System Audit Office Date: September 2007

### The University of Texas Southwestern Medical Center at Dallas

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$1,411,864,610 2008 BUDGETED AUDITOR POSITIONS - 14

### Fiscal Year 2008 Audit Plan

|              | Audit Areas  | Priority<br>Budgeted<br>Hours | %<br>of<br>Total |
|--------------|--|-------------------------------|------------------|
|              |  |                               |                  |
| UT System    | Requested  |                               |                  |
|              | FY07 Financial Statement Audit   | 1800                          |                  |
|              | FY08 Financial Statement Audit   | 600                           |                  |
|              | Conflicts of Interest  | 400                           |                  |
|              | Presidential Travel and Entertainment Expenses   | 150                           |                  |
|              | Federal Portion of the Statewide Single Audit<br>(assistance to the SAO) - A-133       | 250                           |                  |
|              | Carryforward   | 0                             |                  |
|              | Subtotal   | 3200                          | 21%              |
| Externally R | Pequired   |                               |                  |
|              | UTS 155: Policies and Procedures Regarding   |                               |                  |
|              | MSRDP/DSRDP/PRS Business Operations (if applicable)                                    | 200                           |                  |
|              | National Pediatric Infectious Disease Foundation AFR                                   | 200                           |                  |
|              | Family Practice Residency Program Grants (THECB requirement)                           | 200                           |                  |
|              | Graduate Medical Education Grant (THECB requirement)                                   | 200                           |                  |
|              | ATP/ARP Grants (if applicable)<br>Biennium Requirement completed in FY07.              | 0                             |                  |
|              | Internal Audit Annual Report   | 40                            |                  |
|              | Carryforward   | 0                             |                  |
|              | Subtotal   | 840                           | 6%               |
| Risk Rasod   | Institutional  |                               |                  |
| Non Duscu.   | MSRDP Billing Operations   | 600                           |                  |
|              | MSRDP - Finance  | 300                           |                  |
|              | Cash Receipts Operations - Hospitals & Clinics   | 500                           |                  |
|              | University Hospital - Accounts Payable   | 500                           |                  |
|              | University Hospital - Patient Billing and Accounts Receivable                          | 0                             |                  |
|              | Physical Plant - Auto Shop, Key Control, Service Calls, Contract and Bidding Processes | 0                             |                  |
|              | Subtotal   | 1900                          | 13%              |
| Risk Rasod   | Auditable Area   |                               |                  |
| Nisk Duscu.  | Research   |                               |                  |
|              | Environmental Health and Safety<br>Biological and Chemical Safety - exposures          | 400                           |                  |
|              | Willed Body Program  | 300                           |                  |
| Prepare      | d by: U. T. System Internal Audit Program  |                               |                  |

| Service Centers, Recharge Centers, and Specialized Service Facilities,<br>Core Labs<br>Clinical Research Billing | 500<br>0 |     |
|--|----------|-----|
| C C C C C C C C C C C C C C C C C C C  | Ū        |     |
| Information Technology   |          |     |
| IT Computer Inventory Control & Data Encryption  | 400      |     |
| Network Security Review  | 400      |     |
| Epic Resolute Implementation Review  | 250      |     |
| Patient Care   |          |     |
| University Hospitals - Radiology   | 500      |     |
| University Hospital - Medical Records  | 300      |     |
| University Hospital - Surgery  | 500      |     |
| Organ Transplant Program (Kidney / Pancreas, Heart / Lung)   | 300      |     |
| Transplant Services  | 300      |     |
| Consulting   | 150      |     |
| Carryforward   | 50       |     |
|  |          |     |
| Subtotal   | 4350     | 29% |

Change in Management Allocation

| Change in Management Audits |     |
|-----------------------------|-----|
| Internal Medicine           | 500 |
| Radiation Oncology          | 300 |
| Auxiliary Enterprises       | 300 |
| Psychiatry                  | 300 |
| Clinical Sciences           | 300 |
| Neurology                   | 200 |
| Continuing Education        | 0   |
| Library                     | 0   |
| Business Continuity         | 0   |
| Police Department           | 0   |
| Carryforward                | 100 |
|                             |     |

|           | Subtotal | 1900 | 13% |
|-----------|----------|------|-----|
|           |          |      | _   |
| Follow-up |          | 200  | 1%  |
| Projects  |          |      |     |

| UT System Requests            | 200  |
|-------------------------------|------|
| Special Requests - Audits     | 200  |
| Audit Projects Subtotal       | 400  |
| Consulting Projects           |      |
| Fraud Prevention and Analysis | 300  |
| LBB Performance Measures      | 200  |
| Compliance Monitoring         | 300  |
| Special Requests - Consulting | 200  |
| Consulting Projects Subtotal  | 1000 |

| Other Projects                                    |      |       |      |
|---|------|-------|------|
| Requests for Information/Assistance               | 200  |       |      |
| Quality Assurance Review                          | 200  |       |      |
| Training provided by IA                           | 150  |       |      |
| Internal Audit Committee                          | 200  |       |      |
| Reserve for other Special Requests/Investigations | 400  |       |      |
| Other Projects Subtotal                           | 1150 |       |      |
| Projects Total                                    |      |       | 17%  |
|   |      | 2,550 |      |
| Total Hours                                       | -    | 14940 | 100% |

### The University of Texas Medical Branch at Galveston

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$1,452,549,964

2008 Budgeted Auditor Positions: 12

# Fiscal Year 2008 Audit Plan

|          |  | Priority<br>Budgeted | %<br>of |
|----------|--|----------------------|---------|
|          | Audit Areas  | Hours                | Total   |
| IIT Svet | em Requested   |                      |         |
| 01 3938  | FY07 Financial Statement Audit   | 500                  |         |
|          | FY08 Financial Statement Audit (interim)   | 300                  |         |
|          | Regents' Rule 20205:Presidential Travel and Entertainment Expenses                       | 250                  |         |
|          | IS Systems Change Management Process   | 500                  |         |
|          | Subtotal   | 1550                 | 13%     |
| External | ly Required  |                      |         |
| External | Correctional Managed Care  | 500                  |         |
|          | UTS155 - MSRDP/DSRDP/PRS/AHRDP Business Operations                                       | 350                  |         |
|          | SACS Accreditation Review  | 450                  |         |
|          | Texas Higher Education Coordinating Board Audits :                                       |                      |         |
|          | Family Practice Residency Program  | 140                  |         |
|          | Primary Care/Internal Medicine Residency Program   | 140                  |         |
|          | Graduate Medical Education ("GME")   | 140                  |         |
|          | Austin Program Grants  | 140                  |         |
|          | Carryforward: Correctional Managed Care  | 100                  |         |
|          | Subtotal   | 1960                 | 17%     |
|          |  |                      |         |
| RISK Das | Sed Tier One: Institutional  | 500                  |         |
|          | Compliance Risk Areas  | 400                  |         |
|          | Asset Management   | 500                  |         |
|          | Construction<br>Governance Review  | 400                  |         |
|          | Subtotal   | 1800                 | 15%     |
|          | Subiolai   | 1000                 | 13%     |
| Risk Bas | sed Tier Two: Auditable Area   |                      |         |
|          | Research   |                      |         |
|          | IACUC  | 400                  |         |
|          | Pre and Post Award Management  | 400                  |         |
|          | Huron System Implementation  | 200                  |         |
|          | A-133 Implementation Monitoring  | 50                   |         |
|          | Carryforward: Research Design Review   | 80                   |         |
|          | pared by: U. T. System Internal Audit Program<br>solidated by: U. T. System Audit Office |                      |         |

Date: September 2007

| Total   |     | 11810      | 100%<br>_ |
|---|-----|------------|-----------|
| Projects Total  |     | 1625       | 14%       |
| Other Projects Subtotal   | 725 |            |           |
| Institutional Committee Attendance  | 100 |            |           |
| Internal Audit Committee  | 150 |            |           |
| TeamMate Upgrade/Enhancements   | 50  |            |           |
| Liaison with External Auditors  | 200 |            |           |
| Annual Risk Assessment/Work Plan Development  | 225 |            |           |
| Other Projects  |     |            |           |
| Consulting Projects Subtotal  | 350 |            |           |
| Special Requests - Consulting   | 350 |            |           |
| Consulting Projects   |     |            |           |
| Audit Projects Subtotal   | 550 |            |           |
| Special Requests - Audits   | 350 |            |           |
| Projects<br>U. T. System Requests   | 200 |            |           |
|   |     |            |           |
| Follow up   |     | 600        | 5%        |
| Subtotal  |     | 680        | 6%        |
| Management Review Carryforward  |     | 80         |           |
| Change in Management Audits   |     | 600        |           |
| Change in Management Allocation   |     |            | _         |
| Subtotal  |     | 3595       | 30%       |
| Carryforward: Revenue Cycle   |     | 40         |           |
| Patient Care<br>DAMP Casebook/Cancer Patient Referral Process Review<br>Revenue Cycle |     | 400<br>600 |           |
| Carryforward: General Computer Controls - Financial Audit                             |     | 200        |           |
| IS Strategic Planning   |     | 200        |           |
| Security Action Plan Monitoring   |     | 275        |           |
| PeopleSoft Application  |     | 750        |           |
| Information Technology  |     |            |           |

### University of Texas Health Science Center at Houston

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$741,281,680

2008 Budgeted Auditor Positions: 7

# Fiscal Year 2008 Audit Plan

|  |     | Priority<br>Budgeted | %<br>of |
|--|-----|----------------------|---------|
| Audit Areas  |     | Hours                | Total   |
| UT System Requested  |     |                      |         |
| Financial Statements FY 2007 Assurance Work  |     | 1,795                |         |
| Presidential Travel and Entertainment  |     | 115                  |         |
| Research Conflicts of Interest   |     | 400                  |         |
| Subtotal   |     | 2,310                | 30%     |
| Externally Required  |     |                      |         |
| Medical School Practice Plan (MSRDP)   |     | 200                  |         |
| Dental Branch Practice Plan (DSRDP)  |     | 160                  |         |
| THECB Residency Programs - Five Programs   |     | 220                  |         |
| Internal Audit Annual Report   |     | 30                   |         |
| Subtotal   |     | 610                  | 8%      |
| Risk Based Tier Two: Auditable Area  |     |                      |         |
| Research   |     |                      |         |
| Time & Effort Reporting  |     | 220                  |         |
|  |     |                      |         |
| Information Technology   |     |                      |         |
| IT Governance: Project Funding and Selection   |     | 500                  |         |
| Wireless Networks  |     | 550                  |         |
| Student Information Services Application   |     | 600                  |         |
| Carryforward   |     | 115                  |         |
| Patient Care   |     |                      |         |
| Medical Billing Compliance   |     | 230                  |         |
| Subtotal   |     | 2,215                | 29%     |
| Shanna in Managamant   |     |                      |         |
| Change in Management<br>Change in Management Audits  |     | 600                  |         |
|  |     |                      |         |
| Management Review Carryforward Subtotal  |     | 115<br><b>715</b>    | 9%      |
| Subiotal   |     | /15                  | 9%      |
| Follow-up  |     | 310                  | 4%      |
| Projects   |     |                      |         |
| U. T. System Requests  | 120 |                      |         |
| Special Requests - Audits  | 452 |                      |         |
| UT Physicians  | 120 |                      |         |
| Prepared by: U. T. System Internal Audit Program<br>Consolidated by: U. T. System Audit Office |     |                      |         |
| Date: September 2007   |     |                      |         |

| Audit Projects Subtotal  | 692 |       |                  |
|--------------------------|-----|-------|------------------|
| Other Projects           |     |       |                  |
| Internal Audit Committee | 120 |       |                  |
| Investigations           | 620 |       |                  |
| Audit Plan FY2009        | 120 |       |                  |
| Other Projects Subtotal  | 860 | ,     |                  |
| Projects Total           |     | 1,552 | <mark>20%</mark> |
| Total Hours              |     | 7,712 | 100%             |

### The University of Texas Health Science Center at San Antonio

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$576,189,482

Total Number of 2008 Budgeted Auditor Positions: 7

# Fiscal Year 2008 Audit Plan

|  | Priority   | %     |
|--|------------|-------|
|  | Budgeted   | of    |
| Audit Areas  | Hours      | Tota  |
| JT System Requested  |            |       |
| Financial: Annual Financial Statement Audit - FY 2007  | 1000       |       |
| IT: General Computer Controls for Annual Financial Statement Audit                             | 300        |       |
| Financial: Annual Financial Statement Audit - FY 2008  |            |       |
| Financial: President Expenditures  | 110        |       |
| Carry Forward Financial: UT Medicine Financial Reporting - 2007                                | 50         |       |
| Financial: UT Medicine Financial Reporting - 2008  | 400        |       |
| IT: IT Systems Change Management   | 350        |       |
| Governance and Research: Conflict of Interest  | 370        |       |
| Subtotal   | 2580       | 36%   |
|  |            |       |
| Externally Required  | 050        |       |
| Financial: SACS Financial Review   | 250        |       |
| Financial: Practice Plans Financial Review/Receivables & Allowance                             | 360<br>110 |       |
| Financial: Family Practice Residency Program<br>Financial: ARP/ATP Grants                      | -          |       |
| IT: TAC 202 Program Compliance   | 220<br>360 |       |
| Subtotal   | 1300       | 18%   |
| Subiotal   | 1300       | 10 /0 |
| Risk Based: Institutional  |            |       |
| Audits   |            |       |
| Education: South Texas Campuses - Internal Control Review                                      |            |       |
| Research: Research   |            |       |
| Consulting   | 60         |       |
| Subtotal   | 60         | 1%    |
| Risk Based: Auditable Area   |            |       |
| Patient Care   |            |       |
| Audits   |            |       |
| Patient Care: Patient Customer Service   | 370        |       |
| Patient Care: Patient AR & Collections   | 570        |       |
| Carry forward  |            |       |
| Patient Care: Patient Scheduling & Registration  | 130        |       |
|  |            |       |
| Information Technology<br>Audits   |            |       |
| IT audits listed under UT System Requested and Externally Required sections                    |            |       |
| Consulting   |            |       |
| IT: Consulting with the Information Security Office  | 200        |       |
| Propagad by: 11 T. System Internal Audit Program   |            |       |
| Prepared by: U. T. System Internal Audit Program<br>Consolidated by: U. T. System Audit Office |            |       |
| Date: September 2007   |            |       |

| IT: PeopleSoft Human Capital Management (HCM) Upgrade |      | 100  |                 |
|---|------|------|-----------------|
| IT: Patient Billing System (EPIC) Implementation      |      | 120  |                 |
| Carry forward   |      |      |                 |
| IT Planning & Organization: Manage IT Human Resources |      | 50   |                 |
| Consulting  |      | 60   |                 |
| Subtotal  |      | 1030 | 14%             |
| Change in Management                                  | _    | 300  | <mark>4%</mark> |
| Follow-up   |      | 300  | <mark>4%</mark> |
| Projects  |      |      |                 |
| U. T. System Requests                                 | 100  |      |                 |
| IA Annual Report                                      | 20   |      |                 |
| Special Requests - Audits                             | 300  |      |                 |
| Audit Projects Subtotal                               | 420  |      |                 |
| Other Projects  |      |      |                 |
| Annual Audit Plan                                     | 150  |      |                 |
| Training provided by IA                               | 40   |      |                 |
| Internal Audit Committee                              | 70   |      |                 |
| Self-Assessment for External Quality Assurance Review | 300  |      |                 |
| External Quality Assurance Review - April 2008        | 100  |      |                 |
| TeamMate Project                                      | 200  |      |                 |
| Relocation of Department                              | 90   |      |                 |
| Investigations  | 200  |      |                 |
| Reserve for other Special Requests                    | 100  |      |                 |
| Other Projects Subtotal                               | 1250 |      |                 |
| Projects Total  |      | 1670 | 23%             |
| Total Hours   |      | 7240 | 100%            |

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### THE UNIVERSITY OF TEXAS M. D. ANDERSON CANCER CENTER

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$2,572,612,537 TOTAL NUMBER OF 2008 BUDGETED AUDITOR POSITIONS (GROSS OF VACANCIES) = 14

|  | Priorit | y %      |
|--|---------|----------|
|  | Budgete | d of     |
| Audit Areas  | Hour    | s Total  |
| UT System Requested  |         |          |
| Audits   |         |          |
| Presidential Travel and Entertainment Expenses Audit   | 45      | 0        |
| Consulting   |         |          |
| Governance   | 40      | 0        |
| UT System Requested Subtotal   | 85      | 0 5%     |
| Externally Required  |         |          |
| Audits   |         |          |
| Physicians' Referral Service Financial Review  | 50      | 0        |
| Texas Higher Education Coordinating Board Facilities Audit Co-so                             | ource   |          |
| Carryforward   |         |          |
| Advanced Research Programs and Advanced Technology Programs (ARP/ATP)                        | 5       | 0        |
| Externally Required Subtotal   | 55      | 0 4%     |
|  |         | <u> </u> |
| Risk Based Tier One: Institutional<br>Audits   |         |          |
|  | 120     | 0        |
| Physicians Network - Community Based Radiation Treatment Centers<br>Construction Fraud       |         | 0        |
| Construction Project Co-so   |         |          |
|  |         |          |
| Consulting   |         |          |
| Human Resources Project  | 70      | 0        |
| Enterprise-wide Risk Management  | 70      | 0        |
| Risk Based Tier One: Institutional Subtotal  | 260     | 0 18%    |
| Risk Based Tier Two: Auditable Area  |         |          |
| Information Technology   |         |          |
| Audits   |         |          |
| Clinical Trials Application Security Co-so   | ource   |          |
| IMPAC (Mosaic Q) Application Security Co-so  | ource   |          |
| Supply Chain Enablement Kiosk Application SecurityCo-soKiosk - Patient History DatabaseCo-so |         |          |
|  |         |          |

### Fiscal Year 2008 Audit Plan

| Clinic Station Change ManagementCo-sourceWireless Security (Guest Access)Co-sourcePerformance & Capacity Management (Centralized IT)Co-sourcePatch ManagementCo-sourceRemote AccessCo-sourceData Center # 3Co-source | re<br>re<br>re |     |
|--|----------------|-----|
| ConsultingUser Awareness and Compliance (IT Policies and Procedures)Co-sourceDisaster RecoveryCo-source  |                |     |
| Risk Based Tier Two: Information Technology Subtotal   | 0              | 0%  |
| Patient Care<br>Audits<br>Revenue Assurance  | 1500           |     |
|  |                |     |
| Consulting<br>Advanced Beneficiary Notification Implementation Review<br>Health Information Management   | 600<br>400     |     |
| Carryforward<br>HIPAA Disclosures Relating to Authorizations<br>Pharmacy Inventory Review - Phase II   | 200<br>75      |     |
| Financial  |                |     |
| Audits<br>Institutional "Spirit of Sarbanes-Oxley" Testing - MDACC   | 900            |     |
| Risk Management  |                |     |
| Consulting<br>Business Continuity Planning Co-source   | e              |     |
| Research   |                |     |
| Audits<br>Clinical Trials Research   | 1500           |     |
| Consulting<br>Time and Effort Reporting  | 400            |     |
| Carryforward   | 250            |     |
| Lab Safety<br>Maintenance and Security of Biological Research Materials  | 250<br>50      |     |
| Risk Based Tier Two: Auditable Area Subtotal   | 5875           | 41% |
|  |                |     |

### Management Requested

### Consulting

| Management Requested Subtotal  |   | 0    | 0%                       |
|--|---|------|--------------------------|
| Management Review  |   |      |                          |
| Change in Management Audits  |   |      |                          |
|  | _   |      |                          |
| Management Review Subtotal   |   | 0    | 0%                       |
|  |   |      |                          |
| Follow-Up  |   |      |                          |
| Follow-Up: Validation of Completed Recommendations   |   | 400  |                          |
| Follow-Up: Quarterly Reporting   |   | 400  |                          |
|  |   |      |                          |
| Follow-Up Subtotal   | _   | 800  | 6%                       |
| Audit Projects   |   |      |                          |
| U. T. System Requests  |   |      |                          |
|  |   |      |                          |
| Special Requests - Audits  |   |      |                          |
|  |   |      |                          |
|  |   |      |                          |
| Audit Projects Subtotal  | 0   |      |                          |
|  | 0   |      |                          |
| Other Projects   |   |      |                          |
| <i>Other Projects</i><br>Fraud Initiative  | <b>0</b>  |      |                          |
| Other Projects   | 1300  |      |                          |
| <i>Other Projects</i><br>Fraud Initiative<br>Investigations  | 1300<br>200   |      |                          |
| Other Projects<br>Fraud Initiative<br>Investigations<br>Internal Quality Assurance Activities<br>Institutional Risk Assessment and Work Plan Development<br>Liaison with External Auditors   | 1300<br>200<br>250<br>600<br>100                      |      |                          |
| Other Projects<br>Fraud Initiative<br>Investigations<br>Internal Quality Assurance Activities<br>Institutional Risk Assessment and Work Plan Development<br>Liaison with External Auditors<br>Management Involvement on Co-sourced Engagements   | 1300<br>200<br>250<br>600<br>100<br>200               |      |                          |
| Other Projects<br>Fraud Initiative<br>Investigations<br>Internal Quality Assurance Activities<br>Institutional Risk Assessment and Work Plan Development<br>Liaison with External Auditors<br>Management Involvement on Co-sourced Engagements<br>Training Materials Preparation   | 1300<br>200<br>250<br>600<br>100<br>200<br>650        |      |                          |
| Other Projects<br>Fraud Initiative<br>Investigations<br>Internal Quality Assurance Activities<br>Institutional Risk Assessment and Work Plan Development<br>Liaison with External Auditors<br>Management Involvement on Co-sourced Engagements   | 1300<br>200<br>250<br>600<br>100<br>200               |      |                          |
| Other Projects<br>Fraud Initiative<br>Investigations<br>Internal Quality Assurance Activities<br>Institutional Risk Assessment and Work Plan Development<br>Liaison with External Auditors<br>Management Involvement on Co-sourced Engagements<br>Training Materials Preparation   | 1300<br>200<br>250<br>600<br>100<br>200<br>650        |      |                          |
| Other Projects<br>Fraud Initiative<br>Investigations<br>Internal Quality Assurance Activities<br>Institutional Risk Assessment and Work Plan Development<br>Liaison with External Auditors<br>Management Involvement on Co-sourced Engagements<br>Training Materials Preparation<br>Institutional Committee Participation<br>Other Projects Subtotal | 1300<br>200<br>250<br>600<br>100<br>200<br>650<br>400 |      |                          |
| Other Projects<br>Fraud Initiative<br>Investigations<br>Internal Quality Assurance Activities<br>Institutional Risk Assessment and Work Plan Development<br>Liaison with External Auditors<br>Management Involvement on Co-sourced Engagements<br>Training Materials Preparation<br>Institutional Committee Participation                            | 1300<br>200<br>250<br>600<br>100<br>200<br>650<br>400 | 3700 | 26%                      |
| Other Projects<br>Fraud Initiative<br>Investigations<br>Internal Quality Assurance Activities<br>Institutional Risk Assessment and Work Plan Development<br>Liaison with External Auditors<br>Management Involvement on Co-sourced Engagements<br>Training Materials Preparation<br>Institutional Committee Participation<br>Other Projects Subtotal | 1300<br>200<br>250<br>600<br>100<br>200<br>650<br>400 | 3700 | 26%                      |
| Other Projects<br>Fraud Initiative<br>Investigations<br>Internal Quality Assurance Activities<br>Institutional Risk Assessment and Work Plan Development<br>Liaison with External Auditors<br>Management Involvement on Co-sourced Engagements<br>Training Materials Preparation<br>Institutional Committee Participation<br>Other Projects Subtotal | 1300<br>200<br>250<br>600<br>100<br>200<br>650<br>400 | 3700 | <mark>26%</mark><br>100% |

# Appendix B ~ *Mid-Size Institutions*

- U. T. Arlington
- U. T. Brownsville
  - U. T. Dallas
  - U. T. El Paso
- U. T. Pan American
  - U. T. San Antonio

### THE UNIVERSITY OF TEXAS AT ARLINGTON

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$366,032,273 TOTAL NUMBER OF 2008 BUDGETED AUDITOR POSITIONS (GROSS OF VACANCIES): 6

| BudgetedoAudit AreasHoursToT System RequestedFinancial Statement Audit Fiscal Year 2007600Financial Statement Audit Fiscal Year 2008200Presidential Travel & Entertainment Expense Audit120IT Systems Change Management Audit - UTS - 165250Federal Portion of the Statewide Single Audit (assistance to the SAO)20Student Health Center550Carryforward - Compliance with Payment Card Industry Data Security200Subtotal194032Xternally Required200Governance - Conflicts of Interest / Standards of Conduct120Texas Workforce Development (TWD) Grants Audit200NCAA Financial Audit80NCAA Compliance Audit - Eligibility160Carryforward - NCAA Compliance - Recruiting and TAC 202 audits350Subtotal83014Isk Based Tier One: Institutional<br>Crisis Management Program Assessment400Isk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting<br>Grants & Contracts100Information Technology<br>Profile System Development<br>UTS 165 - Digital Sensitive Data<br>ACL Exception Reporting with Focus on Payroll & Payables<br>Carryforward - MyMay Student Information Systems and General Computer<br>Controls - Delivery & Support audits200  |  |       | -    |
|--|--|-------|------|
| Audit AreasHoursToT System RequestedFinancial Statement Audit Fiscal Year 2007600Financial Statement Audit Fiscal Year 2008200Presidential Travel & Entertainment Expense Audit120IT System Change Management Audit - UTS - 165250Federal Portion of the Statewide Single Audit (assistance to the SAO)20Student Health Center550Carryforward - Compliance with Payment Card Industry Data Security200Subtotal194032Subtotal194032Kternally RequiredGovernance - Conflicts of Interest / Standards of Conduct120Texas Workforce Development (TWD) Grants Audit120NCAA Financial Audit - Eligibility80NCAA Compliance - Recruiting and TAC 202 audits830Subtotal83014isk Based Tier One: Institutional<br>Crisis Management Program Assessment400Subtotal4007*isk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting<br>Follow-Up on Time and Effort Reporting<br>Carryforward - MyMay Student Information Systems and General Computer<br>Controls - Delivery & Support audits <th></th> <th>-</th> <th>%</th> |  | -     | %    |
| T System Requested       Financial Statement Audit Fiscal Year 2007       600         Financial Statement Audit Fiscal Year 2008       200         Presidential Travel & Entertainment Expense Audit       120         IT Systems Change Management Audit - UTS - 165       250         Federal Portion of the Statewide Single Audit (assistance to the SAO)       20         Student Health Center       550         Carryforward - Compliance with Payment Card Industry Data Security       200         Student Health Center       550         Carryforward - Compliance with Payment Card Industry Data Security       200         Standards       200         Subtotal       1940       32         xternally Required       120         Governance - Conflicts of Interest / Standards of Conduct       120         NCAA Financial Audit       120         NCAA Compliance Audit Eligibility       160         Carryforward - NCAA Compliance - Recruiting and TAC 202 audits       350         Subtotal       830       14         isk Based Tier One: Institutional       70         Crisis Management Program Assessment       400       70         Subtotal       400       70         Isk Based Tier Two: Auditable Area       220       100   |  | -     | of   |
| Financial Statement Audit Fiscal Year 2007       600         Financial Statement Audit Fiscal Year 2008       200         Presidential Travel & Entertainment Expense Audit       120         I Systems Change Management Audit - UTS - 165       250         Federal Portion of the Statewide Single Audit (assistance to the SAO)       20         Student Health Center       550         Carryforward - Compliance with Payment Card Industry Data Security       200         Studtotal       1940       32         Kternally Required       120       120         Governance - Conflicts of Interest / Standards of Conduct       120       20         NCAA Financial Audit       80       80       140         NCAA Compliance Audit Eligibility       160       160       14         Carryforward - NCAA Compliance - Recruiting and TAC 202 audits       350       14         Isk Based Tier One: Institutional       830       14         Crisis Management Program Assessment       400       7         Subtotal       400       7         Isk Based Tier Two: Auditable Area       Research       200         Follow-Up on Time and Effort Reporting       100       100       100         Grants & Contracts       400       720       107   | Audit Areas  | Hours | Tota |
| Financial Statement Audit Fiscal Year 2007       600         Financial Statement Audit Fiscal Year 2008       200         Presidential Travel & Entertainment Expense Audit       120         I Systems Change Management Audit - UTS - 165       250         Federal Portion of the Statewide Single Audit (assistance to the SAO)       20         Student Health Center       550         Carryforward - Compliance with Payment Card Industry Data Security       200         Studtotal       1940       32         Kternally Required       120       120         Governance - Conflicts of Interest / Standards of Conduct       120       20         NCAA Financial Audit       80       80       140         NCAA Compliance Audit Eligibility       160       160       14         Carryforward - NCAA Compliance - Recruiting and TAC 202 audits       350       14         Isk Based Tier One: Institutional       830       14         Crisis Management Program Assessment       400       7         Subtotal       400       7         Isk Based Tier Two: Auditable Area       Research       200         Follow-Up on Time and Effort Reporting       100       100       100         Grants & Contracts       400       720       107   | IT System Requested  |       |      |
| Financial Statement Audit Fiscal Year 2008       200         Presidential Travel & Entertainment Expense Audit       120         IT Systems Change Management Audit - UTS - 165       250         Federal Portion of the Statewide Single Audit (assistance to the SAO)       20         Student Health Center       550         Carryforward - Compliance with Payment Card Industry Data Security       200         Subtotal       1940       32         xternally Required       6       200         Governance - Conflicts of Interest / Standards of Conduct       120       120         Texas Workforce Development (TWD) Grants Audit       80       80       14         NCAA Compliance Audit Eligibility       160       60       60       75         Subtotal       830       14       830       14         isk Based Tier One: Institutional       75       400       75         Subtotal       830       14       400       75         isk Based Tier One: Institutional       400       75       220         Itsk Based Tier One: Institutional       100       75       200       75         Itsk Based Tier One: Institutional       400       75       200       75         isk Based Tier One: Institutional       2  |  | 600   |      |
| Presidential Travel & Entertainment Expense Audit       120         IT Systems Change Management Audit - UTS - 165       250         Federal Portion of the Statewide Single Audit (assistance to the SAO)       20         Student Health Center       550         Carryforward - Compliance with Payment Card Industry Data Security       550         Subtotal       1940       32         Subtotal       1940       32         xternally Required       Governance - Conflicts of Interest / Standards of Conduct       120         Texas Workforce Development (TWD) Grants Audit       120       NCAA Financial Audit       80         NCAA Compliance Audit Eligibility       160       60       60       60         Carryforward - NCAA Compliance - Recruiting and TAC 202 audits       350       14       60         Subtotal       830       14       60       75         isk Based Tier One: Institutional       00       75       6       600       75         isk Based Tier Two: Auditable Area       Research       100       6       6       600       75         isk Based Tier Two: Auditable Area       Research       200       100       6       6       600       100       6         Information Technology       200       100<   |  |       |      |
| IT Systems Change Management Audit - UTS - 165       250         Federal Portion of the Statewide Single Audit (assistance to the SAO)       20         Student Health Center       550         Carryforward - Compliance with Payment Card Industry Data Security       550         Subtotal       1940       32         Xternally Required       120         Governance - Conflicts of Interest / Standards of Conduct       120         Texas Workforce Development (TWD) Grants Audit       80         NCAA Financial Audit       80         NCAA Financial Audit       80         NCAA Compliance Audit Eligibility       160         Carryforward - NCAA Compliance - Recruiting and TAC 202 audits       350         Subtotal       830       14         isk Based Tier One: Institutional       400       70         Crisis Management Program Assessment       400       70         Subtotal       400       70         isk Based Tier Two: Auditable Area       220       100         Grants & Contracts       400       70         Information Technology       220       220         Information Technology       220       220         Information Technology       220       220         Information Technology  |  |       |      |
| Federal Portion of the Statewide Single Audit (assistance to the SAO)       20         Student Health Center       550         Carryforward - Compliance with Payment Card Industry Data Security       200         Subtotal       1940       32         Subtotal       1940       32         Xternally Required       120       120         Governance - Conflicts of Interest / Standards of Conduct       120       120         NCAA Compliance Audit Eligibility       80       NCAA Compliance Audit Eligibility       80         NCAA Compliance - Recruiting and TAC 202 audits       350       14         isk Based Tier One: Institutional       400       72         Crisis Management Program Assessment       400       72         isk Based Tier Two: Auditable Area       Research       100         Follow-Up on Time and Effort Reporting       100       74         Information Technology       220       100       100         Information Technology       220       220       220         UTS 165 - Digital Sensitive Data       280       350       350         Carryforward - MyMav Student Information Systems and General Computer       350       350  |  | 250   |      |
| Carryforward - Compliance with Payment Card Industry Data Security       200         Subtotal       1940       32         Xternally Required       120         Governance - Conflicts of Interest / Standards of Conduct       120         Texas Workforce Development (TWD) Grants Audit       120         NCAA Financial Audit       80         NCAA Compliance Audit Eligibility       80         Carryforward - NCAA Compliance - Recruiting and TAC 202 audits       350         Subtotal       830       14 <i>isk Based Tier One: Institutional</i> 400       7*         Crisis Management Program Assessment       400       7* <i>isk Based Tier Two: Auditable Area</i> Research       100         Follow-Up on Time and Effort Reporting       100       220 <i>Information Technology</i> 220       220       220 <i>Information Technology</i> 220       220       220 <i>ITS</i> 165 - Digital Sensitive Data       280       280         ACL Exception Reporting with Focus on Payroll & Payables       350       350         Carryforward - MyMav Student Information Systems and General Computer       400       400         Cortols - Delivery & Support audits       400       400       400 <td></td> <td>20</td> <td></td>   |  | 20    |      |
| Standards     200       Subtotal     1940     32       xternally Required     120     120       Governance - Conflicts of Interest / Standards of Conduct     120       NCAA Financial Audit     120       NCAA Financial Audit     80       NCAA Compliance Audit Eligibility     80       Carryforward - NCAA Compliance - Recruiting and TAC 202 audits     350       Subtotal     830     14       Isk Based Tier One: Institutional     800     70       Crisis Management Program Assessment     400     70       Subtotal     400     70       Isk Based Tier Two: Auditable Area     Research       Follow-Up on Time and Effort Reporting     100       Grants & Contracts     400       Information Technology     220       Profile System Development     220       UTS 165 - Digital Sensitive Data     280       ACL Exception Reporting with Focus on Payroll & Payables     350       Caryforward - MyMav Student Information Systems and General Computer     400   | Student Health Center  | 550   |      |
| Subtotal       1940       32         xternally Required       120       120         Governance - Conflicts of Interest / Standards of Conduct       120       120         Texas Workforce Development (TWD) Grants Audit       120       120         NCAA Financial Audit       80       NCAA Compliance Audit Eligibility       160         Carryforward - NCAA Compliance - Recruiting and TAC 202 audits       350       14         Subtotal       830       14         isk Based Tier One: Institutional       400       75         Crisis Management Program Assessment       400       75         isk Based Tier Two: Auditable Area       Research       100         Follow-Up on Time and Effort Reporting       100       100         Grants & Contracts       400       220       115 f6 - Digital Sensitive Data       280         ACL Exception Reporting with Focus on Payroll & Payables       350       350       350         Caryforward - MyMav Student Information Systems and General Computer       400       400  | Carryforward - Compliance with Payment Card Industry Data Security |       |      |
| xternally Required       120         Governance - Conflicts of Interest / Standards of Conduct       120         Texas Workforce Development (TWD) Grants Audit       120         NCAA Financial Audit       80         NCAA Compliance Audit Eligibility       160         Carryforward - NCAA Compliance - Recruiting and TAC 202 audits       350         Subtotal       830       14         isk Based Tier One: Institutional       400       7*         Crisis Management Program Assessment       400       7*         Subtotal       400       7*         isk Based Tier Two: Auditable Area       Research       100         Follow-Up on Time and Effort Reporting       100       100         Grants & Contracts       400       220       220         UTS 165 - Digital Sensitive Data       280       280       260         ACL Exception Reporting with Focus on Payroll & Payables       350       350         Carryforward - MyMav Student Information Systems and General Computer       400       400  | Standards  | 200   |      |
| Governance - Conflicts of Interest / Standards of Conduct120Texas Workforce Development (TWD) Grants Audit120NCAA Financial Audit80NCAA Compliance Audit Eligibility160Carryforward - NCAA Compliance - Recruiting and TAC 202 audits350Subtotal83014isk Based Tier One: Institutional<br>Crisis Management Program Assessment400Subtotal40070Subtotal400Isk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting<br>Grants & Contracts100Information Technology<br>Profile System Development<br>Curyforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits220UTS 165 - Digital Sensitive Data<br>ACL Exception Reporting with Focus on Payroll & Payables<br>Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits400  | Subtotal   | 1940  | 32%  |
| Governance - Conflicts of Interest / Standards of Conduct120Texas Workforce Development (TWD) Grants Audit120NCAA Financial Audit80NCAA Compliance Audit Eligibility160Carryforward - NCAA Compliance - Recruiting and TAC 202 audits350Subtotal83014isk Based Tier One: Institutional<br>Crisis Management Program Assessment400Subtotal40070Subtotal400Isk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting<br>Grants & Contracts100Information Technology<br>Profile System Development<br>Curyforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits220UTS 165 - Digital Sensitive Data<br>ACL Exception Reporting with Focus on Payroll & Payables<br>Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits400  |  |       |      |
| Texas Workforce Development (TWD) Grants Audit120NCAA Financial Audit80NCAA Compliance Audit Eligibility160Carryforward - NCAA Compliance - Recruiting and TAC 202 audits350Subtotal83014isk Based Tier One: Institutional<br>Crisis Management Program Assessment400Subtotal400Subtotal400fisk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting<br>Grants & Contracts100Information Technology<br>Profile System Development<br>UTS 165 - Digital Sensitive Data<br>ACL Exception Reporting with Focus on Payroll & Payables<br>Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits200  | ixternally Required  | 100   |      |
| NCAA Financial Audit80NCAA Compliance Audit Eligibility160Carryforward - NCAA Compliance - Recruiting and TAC 202 audits350Subtotal83014isk Based Tier One: Institutional<br>Crisis Management Program Assessment400Subtotal40079isk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting<br>Grants & Contracts100Information Technology<br>Profile System Development<br>UTS 165 - Digital Sensitive Data<br>ACL Exception Reporting with Focus on Payroll & Payables<br>Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits220   |  | -     |      |
| NCAA Compliance Audit Eligibility160Carryforward - NCAA Compliance - Recruiting and TAC 202 audits350Subtotal83014isk Based Tier One: Institutional<br>Crisis Management Program Assessment400Subtotal400Subtotal400fisk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting100Grants & Contracts400Information Technology<br>Profile System Development220UTS 165 - Digital Sensitive Data<br>ACL Exception Reporting with Focus on Payroll & Payables<br>Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits400   |  | -     |      |
| Carryforward - NCAA Compliance - Recruiting and TAC 202 audits       350         Subtotal       830       14         isk Based Tier One: Institutional       400         Crisis Management Program Assessment       400         Subtotal       400         Isk Based Tier Two: Auditable Area       Research         Follow-Up on Time and Effort Reporting       100         Grants & Contracts       400         Information Technology       220         Profile System Development       220         UTS 165 - Digital Sensitive Data       280         ACL Exception Reporting with Focus on Payroll & Payables       350         Carryforward - MyMav Student Information Systems and General Computer       400         Controls - Delivery & Support audits       400  |  |       |      |
| Subtotal83014isk Based Tier One: Institutional<br>Crisis Management Program Assessment400Subtotal400Subtotal400fisk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting100Grants & Contracts400Information Technology<br>Profile System Development220UTS 165 - Digital Sensitive Data<br>ACL Exception Reporting with Focus on Payroll & Payables<br>Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits400  |  |       |      |
| isk Based Tier One: Institutional       400         Crisis Management Program Assessment       400         Subtotal       400         isk Based Tier Two: Auditable Area       79         Research       100         Follow-Up on Time and Effort Reporting       100         Grants & Contracts       400         Information Technology       220         Profile System Development       220         UTS 165 - Digital Sensitive Data       280         ACL Exception Reporting with Focus on Payroll & Payables       350         Carryforward - MyMav Student Information Systems and General Computer       400   | Carryiorward - NCAA Compliance - Recruiting and TAC 202 addits     | 550   |      |
| Crisis Management Program Assessment400Subtotal400Subtotal400isk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting100Grants & Contracts400Information Technology<br>Profile System Development220UTS 165 - Digital Sensitive Data<br>ACL Exception Reporting with Focus on Payroll & Payables<br>Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits400   | Subtotal   | 830   | 14%  |
| Crisis Management Program Assessment400Subtotal400Subtotal400isk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting100Grants & Contracts400Information Technology<br>Profile System Development220UTS 165 - Digital Sensitive Data<br>ACL Exception Reporting with Focus on Payroll & Payables<br>Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits400   | Nak Pasad Tiar Ona, Institutional                                  |       |      |
| Subtotal40079isk Based Tier Two: Auditable Area<br>Research<br>Follow-Up on Time and Effort Reporting100Grants & Contracts400Information Technology<br>Profile System Development220UTS 165 - Digital Sensitive Data<br>ACL Exception Reporting with Focus on Payroll & Payables<br>Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits400   |  | 400   |      |
| isk Based Tier Two: Auditable AreaResearchFollow-Up on Time and Effort Reporting100Grants & Contracts400Information Technology220Profile System Development220UTS 165 - Digital Sensitive Data280ACL Exception Reporting with Focus on Payroll & Payables350Carryforward - MyMav Student Information Systems and General Computer400   | Clisis Management Program Assessment                               | 400   |      |
| ResearchFollow-Up on Time and Effort Reporting100Grants & Contracts400Information Technology220Profile System Development220UTS 165 - Digital Sensitive Data280ACL Exception Reporting with Focus on Payroll & Payables350Carryforward - MyMav Student Information Systems and General Computer400   | Subtotal   | 400   | 7%   |
| ResearchFollow-Up on Time and Effort Reporting100Grants & Contracts400Information Technology220Profile System Development220UTS 165 - Digital Sensitive Data280ACL Exception Reporting with Focus on Payroll & Payables350Carryforward - MyMav Student Information Systems and General Computer400   |  |       |      |
| Follow-Up on Time and Effort Reporting100Grants & Contracts400Information Technology220Profile System Development220UTS 165 - Digital Sensitive Data280ACL Exception Reporting with Focus on Payroll & Payables350Carryforward - MyMav Student Information Systems and General Computer400   | Risk Based Tier Two: Auditable Area                                |       |      |
| Grants & Contracts400Information Technology220Profile System Development220UTS 165 - Digital Sensitive Data280ACL Exception Reporting with Focus on Payroll & Payables350Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits400  |  |       |      |
| Information Technology220Profile System Development220UTS 165 - Digital Sensitive Data280ACL Exception Reporting with Focus on Payroll & Payables350Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits400   |  |       |      |
| Profile System Development220UTS 165 - Digital Sensitive Data280ACL Exception Reporting with Focus on Payroll & Payables350Carryforward - MyMav Student Information Systems and General Computer400  | Grants & Contracts   | 400   |      |
| UTS 165 - Digital Sensitive Data       280         ACL Exception Reporting with Focus on Payroll & Payables       350         Carryforward - MyMav Student Information Systems and General Computer       400  | Information Technology   |       |      |
| UTS 165 - Digital Sensitive Data280ACL Exception Reporting with Focus on Payroll & Payables350Carryforward - MyMav Student Information Systems and General Computer<br>Controls - Delivery & Support audits400   | Profile System Development   | 220   |      |
| ACL Exception Reporting with Focus on Payroll & Payables       350         Carryforward - MyMav Student Information Systems and General Computer       400         Controls - Delivery & Support audits       400  |  | 280   |      |
| Controls - Delivery & Support audits 400   | ACL Exception Reporting with Focus on Payroll & Payables           | 350   |      |
|  |  | 400   |      |
| Subtotal 1750 29   | Controis - Delivery & Support audits                               | 400   |      |
|  | Subtotal   | 1750  | 29%  |

### Fiscal Year 2008 Audit Plan

### Change in Management Allocation

Change in Management Audits

Management Review Carryforward

| Subtotal                           |     | 0    | 0%  |
|------------------------------------|-----|------|-----|
| Follow-up                          |     | 300  | 5%  |
| Audit Projects                     |     |      |     |
| U. T. System Requests              | 80  |      |     |
| FY 2009 Audit Plan Preparation     | 80  |      |     |
| Annual Internal Audit Report       | 40  |      |     |
| Audit Projects Subtotal            | 200 |      |     |
| Consulting Projects                |     |      |     |
| Special Requests - Consulting      | 130 |      |     |
| Consulting Projects Subtotal       | 130 |      |     |
| Other Projects                     |     |      |     |
| Quality Assurance Review           | 80  |      |     |
| Internal Audit Committee           | 60  |      |     |
| Investigations                     | 80  |      |     |
| Reserve for other Special Requests | 300 |      |     |
| Other Projects Subtotal            | 520 |      |     |
| Projects Total                     |     | 850  | 149 |
|                                    |     |      |     |
| Total Hours                        |     | 6070 | 100 |

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### THE UNIVERSITY OF TEXAS AT BROWNSVILLE

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$129,970,535 TOTAL NUMBER OF 2008 BUDGETED AUDITOR POSITIONS (GROSS OF VACANCIES): 4

| Fiscal Year 2008 Audi | Plan |
|-----------------------|------|
|-----------------------|------|

|   | Priority | %    |
|---|----------|------|
|   | Budgeted | of   |
| Audit Areas   | Hours    | Tota |
| T System Requested  |          |      |
| Audits  |          |      |
| FY 2007 Financial Statement Audit   | 700      |      |
| IT Systems Change Management Audit  | 200      |      |
| Presidential Travel and Entertainment Expenses                                      | 100      |      |
| Subtotal  | 1000     | 22%  |
| who mally Deguined  |          |      |
| xternally Required  | 200      |      |
| SACS Financial Review   | 200      |      |
| Governance: Standards of Conduct/Conflicts of Interest                              | 200      |      |
| Subtotal  | 400      | 9%   |
| isk Based: Institutional  |          |      |
| Physical Plant  | 300      |      |
| Outreach Programs   | 300      |      |
| Student Fees  | 250      |      |
| Carryforward-Compliance: Contracts & GrantsAllowable Cost, Time & Effort, Reporting | 20       |      |
| Subtotal  | 870      | 20%  |
| sk Based: Auditable Area  |          |      |
| Research  |          |      |
| IRB   | 210      |      |
| Effort Reporting  | 200      |      |
| Information Technology  |          |      |
| General Controls Review   | 250      |      |
| CarryforwardProtecting the Confidentiality & Integrity of Digital Research Data     | 20       |      |
| Subtotal  | 680      | 15%  |
|   |          |      |
| hange in Management Allocation  | 200      |      |
| Change in Management Audits   | 300      |      |
| Carryforward from 2007  | E0       |      |
| Institutional Advancement Division  | 50       |      |
| Training provided by IA   | 100      |      |

| Subtotal                            |     | 450  | 10%  |
|-------------------------------------|-----|------|------|
| Gubiotai                            |     | 430  | 1070 |
| Follow-up                           |     |      |      |
| Student Health Services             | 150 |      |      |
| Other                               | 200 |      |      |
| Subtotal                            | -   | 350  | 8%   |
|                                     | -   |      |      |
| Projects                            |     |      |      |
| U. T. System Requests               | 40  |      |      |
| SACS                                | 100 |      |      |
| Audit Projects Subtotal             | 140 |      |      |
| Consulting Projects                 |     |      |      |
| Special Requests - Consulting       | 100 |      |      |
| Consulting Projects Subtotal        | 100 |      |      |
| Other Projects                      |     |      |      |
| Quality Assurance Review            | 140 |      |      |
| Internal Audit Committee/IA Council | 100 |      |      |
| Internal Audit Annual Plan-SAO      | 20  |      |      |
| Annual Audit Plan                   | 100 |      |      |
| ERM Implementation                  | 100 |      |      |
| Other Projects Subtotal             | 460 |      |      |
| Projects Total                      |     | 700  | 16%  |
|                                     |     |      |      |
| Total Hours                         | -   | 4450 | 100% |

### The University of Texas at Dallas

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$276,255,981 TOTAL NUMBER OF 2008 BUDGETED AUDITOR POSITIONS (GROSS OF VACANCIES): 4.25

| Audit Areas         System Requested         FY 2007 Financial Statement Audit         FY 2008 Interim Financial Statement Audit Work         Presidential Travel and Entertainment Expenses         IT Systems Change Management Audit         Federal Portion of the Statewide Single Audit (assistance to SAO)         Subtotal         ternally Required         FY 2007 Financial Statement Review - SACS | Priority           Budgeted           Hours           300           100           120           200           20           740 | %<br>of<br>Total |
|--|--|------------------|
| System Requested         FY 2007 Financial Statement Audit         FY 2008 Interim Financial Statement Audit Work         Presidential Travel and Entertainment Expenses         IT Systems Change Management Audit         Federal Portion of the Statewide Single Audit (assistance to SAO)         Subtotal   | Hours<br>300<br>100<br>120<br>200<br>20  | Total            |
| System Requested         FY 2007 Financial Statement Audit         FY 2008 Interim Financial Statement Audit Work         Presidential Travel and Entertainment Expenses         IT Systems Change Management Audit         Federal Portion of the Statewide Single Audit (assistance to SAO)         Subtotal   | 300<br>100<br>120<br>200<br>20   |                  |
| FY 2007 Financial Statement Audit<br>FY 2008 Interim Financial Statement Audit Work<br>Presidential Travel and Entertainment Expenses<br>IT Systems Change Management Audit<br>Federal Portion of the Statewide Single Audit (assistance to SAO)<br>Subtotal   | 100<br>120<br>200<br>20  | 100/             |
| FY 2007 Financial Statement Audit<br>FY 2008 Interim Financial Statement Audit Work<br>Presidential Travel and Entertainment Expenses<br>IT Systems Change Management Audit<br>Federal Portion of the Statewide Single Audit (assistance to SAO)<br>Subtotal   | 100<br>120<br>200<br>20  | 100/             |
| FY 2008 Interim Financial Statement Audit Work<br>Presidential Travel and Entertainment Expenses<br>IT Systems Change Management Audit<br>Federal Portion of the Statewide Single Audit (assistance to SAO)<br>Subtotal  | 100<br>120<br>200<br>20  | 100/             |
| Presidential Travel and Entertainment Expenses<br>IT Systems Change Management Audit<br>Federal Portion of the Statewide Single Audit (assistance to SAO)<br>Subtotal<br>ternally Required   | 120<br>200<br>20   | 4.00/            |
| IT Systems Change Management Audit<br>Federal Portion of the Statewide Single Audit (assistance to SAO)<br>Subtotal<br>ternally Required   | 200<br>20  | 4.00/            |
| Federal Portion of the Statewide Single Audit (assistance to SAO) Subtotal ternally Required   | 20   | 4.00/            |
| Subtotal<br>ternally Required  |  | 4.00/            |
| ternally Required  | 740  |                  |
|  |  | 16%              |
|  |  |                  |
|  | 400  |                  |
| ATP/ARP Grants (Research Grants)   | 100  |                  |
| Texas Workforce Development Grants   | 80   |                  |
| Lena Callier Trust   | 100  |                  |
| Governance/Consulting Project: Standards of Conduct Guide  | 120  |                  |
|  |  |                  |
| Consulting   | 120  |                  |
| Subtotal   | 920  | 20%              |
| sk Based Tier One: Institutional<br>Construction   | 200  |                  |
| Work Orders & Billings   | 100  |                  |
| Financial Aid  | 240  |                  |
| Gifts  | 200  |                  |
| New Programs and Centers   |  |                  |
| Center for Brain Health (Research Center)  | 120  |                  |
| Sickle Cell Center (Research Center)   | 120  |                  |
| Carried Forward from FY 2007   |  |                  |
| Scholarships and Fellowships   | 120  | 0.494            |
| Subtotal   | 1100   | 24%              |
| sk Based Tier Two: Auditable Area  |  |                  |
| Research   |  |                  |
| UTS 163 (Time and Effort Reporting & Cost Sharing)   | 220  |                  |
|  |  |                  |
| Information Technology   |  |                  |
| UTS 165 (Information Resources Security and Use Policy   | 200  |                  |
| Authentication and Computer Account Requests   | 240  |                  |
| Unix   | 150  |                  |

## Fiscal Year 2008 Audit Plan

| Compliance   |      |      |
|--|------|------|
| Medical Billing at Callier Center & School of Brain and Behavioral Sciences  | 160  |      |
| SEVIS  | 100  |      |
| Subtotal   | 1070 | 23%  |
|  |      |      |
| Change in Management Allocation  |      |      |
| Reserve for Change in Management Audits and Training Classes                 | 100  |      |
| Management Training Class Development  | 40   |      |
| Subtotal   | 140  | 3%   |
|  |      |      |
| Follow-up  |      |      |
| Quarterly Follow-up of Significant Audit Recommendations                     | 10   |      |
| Annual Follow-up Audit   | 80   |      |
| Subtotal   | 90   | 2%   |
|  |      |      |
| Projects   |      |      |
| ACL Projects - Internal Audit Office   | 40   |      |
| Annual Internal Audit Report   | 40   |      |
| Audit & Compliance Committee   | 60   |      |
| External QAR Follow-up   | 20   |      |
| FY 2009 Audit Plan   | 80   |      |
| PeopleSoft Project Team  | 80   |      |
| Reserved for Special Projects & Investigations - As Determined by President, |      |      |
| Audit Committee, Etc.  | 40   |      |
| SACS   | 80   |      |
| U. T. System Requests  | 40   |      |
| Policies and Procedures Updates  | 100  |      |
| Hotline Investigations   | 30   | 100/ |
| Projects Total   | 610  | 13%  |
|  |      |      |
| Total Hours  | 4670 | 100% |

#### The University of Texas at El Paso

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$280,233,637 TOTAL NUMBER OF 2008 BUDGETED AUDITOR POSITIONS (GROSS OF VACANCIES): 9

| Fiscal | Year | 2008 | Audit | Plan |
|--------|------|------|-------|------|
|--------|------|------|-------|------|

|   | Priority | %     |
|---|----------|-------|
|   | Budgeted | of    |
| Audit Areas   | Hours    | Total |
| Suctor Portugatod   |          |       |
| System Requested Audits   |          |       |
| FY 2007 Financial Statement Audit                                     | 600      |       |
| Presidential Travel, Entertainment and Housing Audit                  | 100      |       |
| IT Systems Change Management Audit                                    | 200      |       |
| Compliance with Payment Card Industry Data Security Standards         | 250      |       |
| Federal Portion of the Statewide Single Audit (assistance to the SAO) | 200      |       |
| Student Health Center   | 300      |       |
|   | 000      |       |
| Subtotal  | 1650     | 20%   |
| tornally Deguined   |          |       |
| ternally Required Audits  |          |       |
|   | 50       |       |
| KTEP FM Radio Station<br>NCAA Financial Audit and Attendance Audit    | 300      |       |
| Technology Workforce Development Grants                               | 150      |       |
| Texas Higher Education Facilities Audit                               | 200      |       |
|   | 200      |       |
| Carryforward  |          |       |
| TAC 202 Compliance Audit  | 300      |       |
| Subtotal  | 1000     | 12%   |
|   |          |       |
| k Based Tier One: Institutional                                       |          |       |
| Audits  |          |       |
| Environmental Health and Safety:                                      | 000      |       |
| Laboratory Safety   | 200      |       |
| Purchasing:   | 450      |       |
| Purchasing Ethics and Conflict of Interest                            | 150      |       |
| Student Services:   | 000      |       |
| Student Records   | 200      |       |
| Financial Management:   |          |       |
| Financial Disclosure and Conflict of Interest                         | 300      |       |
| Asset and Risk Management:  |          |       |
| Tuition and Fees Management   | 300      |       |
| Augulany and Camina Denewimenta                                       |          |       |
| Auxiliary and Service Departments:                                    |          |       |
| Special Events  | 300      |       |

| Emergency Response Plan Procurement Card                            |     | 100<br>100 |             |
|---|-----|------------|-------------|
| Subtotal  |     | 1650       | 20%         |
|   |     |            |             |
| Risk Based Tier Two: Auditable Area                                 |     |            |             |
| Research  |     |            |             |
| Audits  |     |            |             |
| Effort Reporting  |     | 200        |             |
| Post Award Management and Financial Reporting of Contracts & Grants |     | 200        |             |
| Carryforward  |     |            |             |
| Protection of Research  |     | 200        |             |
| Information Technology  |     |            |             |
| Audits  |     |            |             |
| Data Integrity  |     | 200        |             |
| Physical Security   |     | 150        |             |
| Security of Sensitive Data  |     | 200        |             |
| Digital Research Data   |     | 200        |             |
| Solicitation, Use and Maintenance of SSNs                           |     | 100        |             |
|   |     | 100        |             |
| Carryforward  |     |            |             |
| Decentralized Server Security                                       |     | 100        |             |
| IT Follow-up  |     | 200        |             |
| Subtotal  |     | 1750       | 21%         |
| Change in Management Allocation                                     |     |            |             |
|   |     |            |             |
| Change in Management Audits   |     |            |             |
| Professional and Continuing Education (PACE)                        |     | 200        |             |
| Ticket Center   |     | 150        |             |
| Subtotal  |     | 350        | 4%          |
|   |     | 400        | <b>F</b> 0/ |
| Follow-up   |     | 400        | 5%          |
| Projects  |     |            |             |
| U. T. System Requests   | 100 |            |             |
| Special Requests - Audits   | 100 |            |             |
| Audit Projects Subtotal   | 200 | _          |             |
| -   |     | -          |             |
| Consulting Projects   |     |            |             |
| Special Requests - Consulting                                       | 100 |            |             |
| opoliai rioquolio obrioditing                                       |     |            |             |
| Consulting Projects Subtotal  | 100 | -          |             |

| Drainate Tatal                              |      | 4 474 | 400/ |
|---|------|-------|------|
| Other Projects Subtotal                     | 1174 |       |      |
| Reserve for other Special Requests          | 184  |       |      |
| Investigations                              | 300  |       |      |
| Internal Audit Committee                    | 80   |       |      |
| Training provided by IA                     | 150  |       |      |
| Annual Internal Audit Report                | 30   |       |      |
| Institutional Compliance Committee          | 30   |       |      |
| Quality Assurance Review                    | 300  |       |      |
| Year-end Inventory and Periodic Cash Counts | 100  |       |      |

|       | Projects Total | 1474 | 18%  |
|-------|----------------|------|------|
| Total | Hours          | 8274 | 100% |

#### The University of Texas - Pan American

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$229,220,552 TOTAL NUMBER OF 2008 BUDGETED AUDITOR POSITIONS (GROSS OF VACANCIES): 4

| Fiscal Year 2008 Audit Plan   |                      |         |
|---|----------------------|---------|
|   | Priority<br>Budgeted | %<br>of |
| Audit Areas   | Hours                | Total   |
|   |                      |         |
| UT System Requested   |                      |         |
| System-wide Financial Audit   | 800                  |         |
| President's Travel & Entertainment  | 75                   |         |
| Compliance with Payment Card Data Security Standards<br>Protection of Research Data | 300<br>150           |         |
| IT Systems Change Management  | 200                  |         |
|   |                      |         |
| UT System Requested Carryforward  | 05                   |         |
| Confidentiality of Social Security Numbers  | 35                   |         |
| Subtotal  | 1,560                | 33%     |
| Externally Required   |                      |         |
| NCAA Agreed-Upon Procedures   | 250                  |         |
| Technology Workforce Development Grants Program                                     | 200                  |         |
| Texas Higher Education Facilities Audits  | 250                  |         |
| NCAA Compliance - Recruitment   | 200                  |         |
|   |                      |         |
| Subtotal  | 900                  | 19%     |
| Risk Based Tier One: Institutional  |                      |         |
| Student Financial Services  | 250                  |         |
| Procurement   | 300                  |         |
| President's Initiative  | 150                  |         |
| Risk Based: Institutional Carryforward  |                      |         |
| Payroll   | 25                   |         |
|   |                      |         |
| Subtotal  | 725                  | 15%     |
| Risk Based Tier Two: Auditable Area   |                      |         |
| Research  |                      |         |
| Time and Effort Reporting Implementation  | 100                  |         |
| Information Technology  |                      |         |
| Banner Implementation Project   | 150                  |         |
| · · · · · · · · · · · · · · · · · · ·   |                      |         |
|   |                      |         |

### Fiscal Year 2008 Audit Plan

| Subtotal                                      |     | 250  | 5%         |
|---|-----|------|------------|
|   |     |      |            |
| Change in Management Allocation               |     |      |            |
| Change in Management Audits                   |     |      |            |
| Dean's Office - College of Education          |     | 110  |            |
| Vice President of Information Technology      |     | 110  |            |
|   |     |      |            |
| Management Review Carryforward                |     |      |            |
| College of Health Sciences and Human Services |     | 20   |            |
| College of Arts & Humanities                  |     | 65   |            |
|   |     |      |            |
| Subtotal                                      |     | 305  | 6%         |
| Subiotal                                      |     | 305  | 070        |
| Follow-up                                     |     | 150  | 3%         |
| Follow-up                                     |     |      | - / •      |
| Projects                                      |     |      |            |
| U. T. System Requests                         | 50  |      |            |
|   |     |      |            |
| Special Requests - Audits                     |     |      |            |
| Monthly Review of President's Expenses        | 240 |      |            |
| Reserved for Other Special Requests           | 150 |      |            |
|   |     |      |            |
| Audit Projects Subtotal                       | 440 |      |            |
| Consulting Projects                           |     |      |            |
| Special Requests - Consulting                 | 50  |      |            |
| Special Requests - Consuming                  | 50  |      |            |
| Consulting Projects Subtotal                  | 50  |      |            |
|   |     |      |            |
| Other Projects                                |     |      |            |
| Committee Meetings                            |     |      |            |
| President's Council                           | 25  |      |            |
| Information Technology Planning Committee     | 25  |      |            |
| Internal Audit Committee                      | 75  |      |            |
| Institutional Compliance Committee            | 25  |      |            |
| Athletic Council & Executive Committee        | 20  |      |            |
| UT System Audit Council                       | 30  |      |            |
| Annual Audit Plan                             | 125 |      |            |
| External Auditors                             | 25  |      |            |
| Investigations                                | 50  |      |            |
| Other Projects Subtotal                       | 400 |      |            |
|   |     |      |            |
| Projects Total                                |     | 890  | <b>19%</b> |
| Tatal Harras                                  | -   | 1900 | 4000       |
| Total Hours                                   | -   | 4780 | 100%       |
|   |     |      |            |

### THE UNIVERSITY OF TEXAS AT SAN ANTONIO

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$377,596,180 TOTAL NUMBER OF 2008 BUDGETED AUDITOR POSITIONS: 6.6

## Fiscal Year 2008 Audit Plan

|   | Priority | %    |
|---|----------|------|
|   | Budgeted | of   |
| Audit Areas   | Hours    | Tota |
| IT System Requested   |          |      |
| FY 2007 Financial Statement Review  | 500      |      |
| FY 2007 Presidential Travel and Entertainment   | 300      |      |
| Student Health Center   | 400      |      |
| IT Systems Change Management  | 400      |      |
| FY 2008 Financial Statement Review (Interim Work)                                     | 100      |      |
| Subtotal  | 1700     | 26%  |
|   |          |      |
| ixternally Required   |          |      |
| FY 2007 NCAA Annual Financial Audit   | 250      |      |
| State Auditors - A-133 Statewide - Student Financial Aid Cluster and Research Cluster | 80       |      |
| Texas Workforce Development Grants  | 100      |      |
| Facilities Audit (Texas Higher Education Coordinating Board)                          | 100      |      |
| Utility Billing Audits  | 200      |      |
| Carryforward TAC 202  | 40       |      |
| Subtotal  | 770      | 129  |
| isk Based Tier One: Institutional   |          |      |
| Institute for Texan Cultures Management Review  | 500      |      |
| SACS Accreditation  | 100      |      |
| Carryforward Campus Security  | 120      |      |
| Carryiorward Carripus Security  | 120      |      |
| Subtotal  | 720      | 119  |
|   |          |      |
| lisk Based Tier Two: Auditable Area   |          |      |
| Research  |          |      |
| UTS 163 (Effort Reporting, Cost Sharing, Cost Transfers)                              | 500      |      |
| Animal Research   | 400      |      |
| Information Technology  |          |      |
| Computer Controls (BANNER)  | 500      |      |
| Subtotal  | 1400     | 219  |
|   |          |      |
| Change in Management Allocation   |          |      |
| Change in Management Audits   |          |      |
| Subtotal  | 0        | 0%   |
|   |          |      |
| ollow-up  | 300      | 5%   |

#### Projects

| U. T. System Special Requests        | 200  |      |      |
|--------------------------------------|------|------|------|
| Management Special Requests          | 250  |      |      |
| Audit Projects Subtotal              | 450  | -    |      |
| Consulting Projects                  |      |      |      |
| Special Requests - Consulting        | 0    |      |      |
| Consulting Projects Subtotal         | 0    | -    |      |
| Other Projects                       |      | -    |      |
| Investigations                       | 200  |      |      |
| Committee Council and Staff Meetings | 400  |      |      |
| Professional Associations            | 466  |      |      |
| Teammate Maintenance                 | 50   |      |      |
| Methodware Implementation            | 50   |      |      |
| Audit Planning                       | 80   |      |      |
| Other Projects Subtotal              | 1246 | -    |      |
| Projects Total                       |      | 1696 | 26%  |
|                                      |      |      |      |
| Total Hours                          |      | 6586 | 100% |

# Appendix C ~ Small Institutions

U. T. Permian Basin U. T. Tyler U. T. Health Center - Tyler

### The University of Texas of the Permian Basin

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$44,821,881

TOTAL NUMBER OF 2008 BUDGETED AUDITOR POSITIONS (GROSS OF VACANCIES): 1 (.5 FTE) plus one student worker

# Fiscal Year 2008 Audit Plan

|  | Priority          | %          |
|--|-------------------|------------|
| Audit Areas  | Budgeted<br>Hours | of<br>Tota |
|  | nouro             | 100        |
| JT System Requested  |                   |            |
| FY 2007 Financial Statement Audit  | 240               |            |
| Presidential Travel and Entertainment Expenses Audit   | 90                |            |
| IT Systems Change Management Audit   | 80                |            |
| Federal Portion of the Statewide Single Audit (assist SAO)                                     | 40                |            |
| CarryforwardConfidentiality and Integrity of Digital Research Data                             | 20                |            |
| Subtotal   | 470               | 36%        |
| Externally Required  |                   |            |
| NCAA   | 120               |            |
|  | 80                |            |
| Governance<br>CarryforwardTAC 202  | 30                |            |
|  | 00                |            |
| Subtotal   | 230               | 18%        |
| ERM Monitoring   | 60                |            |
| Subtotal   | 60                | 5%         |
| Risk Based Tier Two: Auditable Area<br>Research  |                   |            |
| Information Technology   |                   |            |
| Confidentiality of Social Security Numbers   | 80                |            |
| Patient Care   |                   |            |
| Subtotal   | 80                | 6%         |
| Change in Management Allocation  |                   |            |
| Change in Management Audits  | 400               |            |
| Change in Management Addits  | 400               |            |
| Management Review Carryforward   |                   |            |
| Subtotal   | 400               | 31%        |
| Prepared by: U. T. System Internal Audit Program<br>Consolidated by: U. T. System Audit Office |                   |            |

Consolidated by: U. T. System Audit Office Date: September 2007

| Follow-up                          |   | 62   | 5%   |
|------------------------------------|---|------|------|
| Projecto                           | _ |      |      |
| Projects<br>U. T. System Requests  |   |      |      |
| 0. 1. System Requests              |   |      |      |
| Special Requests - Audits          |   |      |      |
| Audit Projects Subtotal            | 0 |      |      |
| Consulting Projects                |   |      |      |
| Special Requests - Consulting      |   |      |      |
| Consulting Projects Subtotal       | 0 |      |      |
| Other Projects                     |   |      |      |
| Quality Assurance Review           |   |      |      |
| Training provided by IA            |   |      |      |
| Internal Audit Committee           |   |      |      |
| Investigations                     |   |      |      |
| Reserve for other Special Requests |   |      |      |
| Other Projects Subtotal            | 0 |      |      |
|                                    |   |      |      |
| Projects Total                     |   | 0    | 0%   |
| Total Hours                        | - | 1302 | 100% |
|                                    | = |      |      |

### THE UNIVERSITY OF TEXAS AT TYLER

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$74,945,642 TOTAL NUMBER OF 2008 BUDGETED AUDITOR POSITIONS (GROSS OF VACANCIES): 2.5

# Fiscal Year 2008 Audit Plan

|  | Priority<br>Budgeted | %<br>of |
|--|----------------------|---------|
| Audit Areas  | Hours                | Tot     |
| T System Requested/Required  |                      |         |
| 2007 Annual Financial Report   | 250                  |         |
| 2008 Annual Financial Report - Interim   | 50                   |         |
| Presidential Travel and Entertainment  | 80                   |         |
| IT Systems Change Management/UTS 165   | 120                  |         |
| Subtotal   | 500                  | 19%     |
| xternally Required   |                      |         |
| Audits:  |                      |         |
| Texas Workforce Development Grant  | 80                   |         |
| ATP/ARP Grants (Research Grants)   | 80                   |         |
|  |                      |         |
| Consulting:<br>Governance/Consulting Project: Standards of Conduct Guide                       | 80                   |         |
| Subtotal   | 240                  | 9%      |
| isk Based Tier One: Institutional  |                      |         |
| Audits:  |                      |         |
| Campus Safety and Security-carryover   | 60                   |         |
| Procurement Card   | 120                  |         |
| Endowment Compliance-follow-up   | 80                   |         |
| Consulting:  |                      |         |
| Business Continuity Plan   | 0                    |         |
| Faculty Evaluation and Tenure Process  | 120                  |         |
| Subtotal   | 380                  | 15%     |
| isk Based Tier Two: Auditable Area   |                      |         |
| Audits:  |                      |         |
| Student Services:  |                      |         |
| Health Clinic  | 100                  |         |
| Information Technology   |                      |         |
| Academic Local Area Networks-carryover   | 80                   |         |
| Research:  |                      |         |
| Federal Awards campus wide   | 200                  |         |
| Consulting:  |                      |         |
| Prepared by: U. T. System Internal Audit Program<br>Consolidated by: U. T. System Audit Office |                      |         |

Date: September 2007

|     | 120<br><b>500</b><br>120<br>0  | <mark>19%</mark>   |
|-----|--|--|
|     | 120<br>0   | 19%  |
|     | 0  |  |
|     | 0  |  |
|     | -  |  |
|     | 00   |  |
|     | 80   |  |
|     | 0  |  |
|     | 200  | 8%   |
|     |  |  |
|     | 12   |  |
|     |  |  |
|     |  |  |
|     | 52   | 2%   |
|     |  |  |
| 100 |  |  |
| 80  |  |  |
| 180 |  |  |
|     |  |  |
| 40  |  |  |
|     |  |  |
| 80  |  |  |
|     |  |  |
| 150 |  |  |
|     |  |  |
|     |  |  |
|     |  |  |
|     |  |  |
| 60  |  |  |
| 40  |  |  |
| 0   |  |  |
| 40  |  |  |
| 455 |  |  |
|     | 715  | 28%  |
|     |  |  |
|     | 2587   | 100°   |
|     | 80<br>180<br>40<br>40<br>40<br>80<br>150<br>40<br>60<br>25<br>40<br>60<br>25<br>40<br>60<br>40<br>60<br>40<br>0<br>40<br>0<br>40 | $ \begin{array}{c} 12\\ 40\\ \hline 52\\ \hline 100\\ 80\\ \hline 180\\ \hline 180\\ \hline 40\\ 40\\ \hline 40\\ 60\\ 25\\ 40\\ 60\\ 25\\ 40\\ 60\\ 40\\ 60\\ 40\\ 0\\ 40\\ 60\\ 60\\ 40\\ 60\\ 60\\ 40\\ 60\\ 60\\ 40\\ 60\\ 60\\ 40\\ 60\\ 60\\ 40\\ 60\\ 60\\ 40\\ 60\\ 60\\ 60\\ 40\\ 60\\ 60\\ 60\\ 60\\ 60\\ 60\\ 60\\ 60\\ 60\\ 6$ |

#### THE UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER

INSTITUTION TOTAL 2008 BUDGETED EXPENDITURE AMOUNT: \$116,833,598 TOTAL NUMBER OF 2008 BUDGETED AUDITOR POSITIONS: 3

## Fiscal Year 2008 Audit Plan

|  | Priority<br>Budgeted | %<br>of |
|--|----------------------|---------|
| Audit Areas  | Hours                | Total   |
| UT System Requested  |                      |         |
| FY 2007 Financial Statement Audit  | 500                  |         |
| Presidential Travel and Entertainment Expenses Audit   | 150                  |         |
| IT Systems Change Management Audit   | 250                  |         |
| Conflicts of Interest Audit  | 150                  |         |
|  |                      |         |
| Subtotal   | 1050                 | 30%     |
| Externally Demuired  |                      |         |
| Externally Required  | 200                  |         |
| Medical Services, Research and Development Plan Audit FYE 8/31/2007<br>Family Practice Residency/Graduate Medical Education Program Grants | 120                  |         |
| Audit FYE 8/31/2007  | 120                  |         |
| Consulting   |                      |         |
| Consulting   | 120                  |         |
| Governance/Standards of Conduct Consulting Project   | 120                  |         |
| Subtotal   | 440                  | 13%     |
|  |                      |         |
| Risk Based Tier One: Institutional   | 050                  |         |
| Contract Audit   | 250                  |         |
| Subtotal   | 250                  | 7%      |
| Risk Based Tier Two: Auditable Area  |                      |         |
| Research   |                      |         |
| Health Information Management Process Audit  | 250                  |         |
|  |                      |         |
| Subtotal   | 250                  | 7%      |
| Subiotal   | 230                  | 1 /0    |
| Change in Management Allocation  |                      |         |
| Change in Management Audits  | 120                  |         |
|  |                      |         |
| Management Review Carryforward   |                      |         |
| Subtotal   | 120                  | 3%      |
| Gustotai   | 120                  | J /0    |
| Follow-up  | 160                  | 5%      |
|  |                      | -       |

Prepared by: U. T. System Internal Audit Program Consolidated by: U. T. System Audit Office Date: September 2007

| Projects                           |      |      |      |
|------------------------------------|------|------|------|
| U. T. System Requests              | 100  |      |      |
|                                    |      |      |      |
| Audit Projects Subtotal            | 100  |      |      |
| Consulting Projects                |      |      |      |
| Special Requests - Consulting      |      |      |      |
| opecial requests - consulting      |      |      |      |
| Consulting Projects Subtotal       | 0    |      |      |
|                                    |      |      |      |
| Other Projects                     |      |      |      |
| Quality Assurance Review           | 40   |      |      |
| Training provided by IA            | 20   |      |      |
| Internal Audit Committee           | 120  |      |      |
| Investigations                     | 40   |      |      |
| Compliance Inspections/Consulting  | 500  |      |      |
| Policy Tracking System Development | 150  |      |      |
| Reserve for other Special Requests | 100  |      |      |
| Annual Audit Plan and Report       | 140  |      |      |
| Other Projects Subtotal            | 1110 |      |      |
|                                    |      |      |      |
| Projects Total                     |      | 1210 | 35%  |
| Total Hours                        |      | 3480 | 100% |
|                                    | :    |      | =    |

#### 12. U. T. System Board of Regents: Amendment to Regents' *Rules and Regulations*, Series 60102, related to fees for endowment compliance

## RECOMMENDATION

The Chancellor concurs with the recommendation of the Vice Chancellor for External Relations and the Vice Chancellor and General Counsel that Regents' *Rules and Regulations*, Series 60102, be amended as set forth in congressional style on Pages 131 - 132 to rename the fee for institutional endowment compliance as the fee for institutional endowment administration and management and the fee for educational purposes as the fee for System endowment administration and management. Further, it is recommended that the fees be allowed to increase to more fully compensate U. T. System Administration and U. T. System institutions for actual endowment administrative and management costs.

## **BACKGROUND INFORMATION**

Currently, Regents' *Rules and Regulations*, Series 60102, authorizes The University of Texas Investment Management Company (UTIMCO) to assess, on behalf of U. T. System, a fee for institutional endowment compliance, which has varied from 0.04% to 0.08% over the last five years. By Board of Regents' resolution, UTIMCO has assessed a "fee for educational purposes," which has remained constant at 0.02% over the last five years. These fees were meant to reimburse U. T. System Administration and U. T. System institutions for administration and management of endowments, including compliance, but in reality are not sufficient to fully compensate U. T. System Administration and U. T. System institutions and U. T. System institutions for these costs.

Accordingly, as reflected in the proposed revision of the Regents' *Rules*, the fee for institutional endowment compliance and the fee for educational purposes would be renamed as fees for endowment administration and management. Allowance would be made so that the U. T. System institutions and U. T. System Administration are adequately compensated to carry out required administrative, management, and compliance activities without the need to rely on additional funding resources. The revised Rule includes a provision that U. T. System Administration and U. T. System institutions may not take advantage of increased cost recovery until and unless they have demonstrated auditable proof that such administrative and management expenses are indeed being incurred. Therefore, if this revised Rule is adopted, U. T. System institutions may receive an administrative and management fee on their endowments from a minimum of 0.08% to a maximum of 0.20% and U. T. System Administration may receive an administrative and management fee of between 0.02% to a maximum 0.03%.

## 1. Title

Fee<u>Fees</u> for <u>Institutional</u> Endowment <u>Compliance</u> <u>Administration and</u> <u>Management</u>

## 2. Rule and Regulation

- Sec. 1 Background. Each University of Texas System institution is charged with raising private sector contributions for the establishment of endowments to fulfill the mission and goals of the institution. Endowments are designated for student scholarships and fellowships, faculty and administrative support. and for programmatic purposes. HighAdministration and management of the endowments are the joint responsibility of the U.T. System and each institution. The U.T. System and System institutions must devote adequate resources to assure appropriate accounting and use of endowment funds. In addition, high quality, effective compliance programs are of fundamental importance and represent an ongoing fiduciary responsibility of System Administration and each institution. As authorized by Texas Education Code Section 65.37, the Board of Regents may assess a fee fees for institutional endowment compliance administration and management.
- Sec. 2 <u>Type and Amount of FeeFees</u>. The Board of Regents authorizes The University of Texas Investment Management Company (UTIMCO) to assess an administrative administration and management fee of up to 0.080.20% of the market value of the Long Term Fund's (LTF) net asset value as determined by UTIMCO for the support of enhanced and expanded institutional endowment compliance administration and management efforts by each institution.

In addition, the Board of Regents authorizes UTIMCO to assess an administrative fee of up to 0.03% of the market value of the LTF's net asset value as determined by UTIMCO for the support of endowment administration and management efforts by System Administration for support of enhanced and expanded System Administration endowment administration and management efforts. These administration and management fees replace the previously charged fee for endowment compliance (0.08%) and the fee for education purposes (0.02%) and those fees will no longer be assessed. Sec. 3 Implementation and Use of Fee. This approvalRule authorizes a small portion of the LTF (up to an aggregate of 0.23%) to be used for enhanced and expanded to offset the U. T. System and an institution's administrative and management activities to ensure appropriate administration and management as well as institutional compliance with the agreementagreements made with an endowment's donor(s) donors. The Chancellor may authorize an institution to exercise this funding option and assess up to 0.080.20% of the market value of its endowments invested in the LTF and up to 0.03% of the market value of all LTF endowments for System Administration.

> To be eligible to receive these administration and management fees at or above a rate of 0.08% for the institutions and 0.02% for the U. T. System, System Administration offices and each institution must provide evidence of expenditures on endowment administration and management based on guidance provided by the Office of External Relations and verified by institutional internal audit departments in coordination with the System Audit Office. The assessment of the administration and management fees on the endowments may not exceed the amount necessary to reimburse System offices and the institution for its verified endowment administration and management expenses. An institution may exempt specific endowments from the assessment and is not required to assess a fee if it wishes to absorb administration and management expenses.

- Sec. 4 Program Details. Operational details are to be determined by the Chancellor, the President and Chief Executive Officer of UTIMCO, and/or their designated representatives.
  - 4.1 Basis of Distributions. Assessment level distributions will be made annually based on the prior 12-quarter's average of the market value of the LTF on May 31 of each fiscal year.

## 3. Definitions

Endowment – funds that typically have certain donor imposed restrictions placed upon the principal and/or the funds available for distribution (e.g., income and/or gains).

## 13. U. T. System: Authorization to allow the Texas Campus Compact, a 501(c)(3) nonprofit organization, to occupy approximately 886 sq. ft. of space located at 702 Colorado Street, Austin, Texas; to provide certain services; and finding of public purpose

## RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, the Executive Vice Chancellor for Health Affairs, and the Vice Chancellor and General Counsel that authorization be granted by the U. T. System Board of Regents, on behalf of U. T. System Administration, to

- a. allow the Texas Campus Compact, a 501(c)(3) nonprofit corporation, to occupy approximately 886 sq. ft. of space located in the Colorado Building at 702 Colorado Street, Austin, Texas, for the purpose of carrying out the educational purposes of the Texas Campus Compact and for no other purpose;
- b. determine that the use of the space by the Texas Campus Compact and the provision of basic office services to the Texas Campus Compact, including but not limited to, phone service, Internet access, and postal handling for the stated reason serves a public purpose appropriate to the function of U. T. System, and that the consideration to the U. T. System for the agreement is adequate;
- c. require that the proposed agreement with Texas Campus Compact contains adequate safeguards to ensure that the public purpose continues to be met throughout the life of the agreement; and
- d. authorize the Executive Vice Chancellor for Business Affairs to execute all documents, instruments, and other agreements, subject to approval of all such documents as to legal form by the Office of General Counsel, and to take all further actions deemed necessary or advisable to carry out the purpose and intent of the foregoing recommendations.

## **BACKGROUND INFORMATION**

The Texas Campus Compact, Inc. ("TXCC"), a consortium of Texas colleges and universities, is affiliated with the National Campus Compact. Its mission is to provide support for colleges and universities committed to nurturing students into responsible, caring, leaders in their communities by ensuring that students gain an understanding of their duties and responsibilities as citizens; promoting community service in connection with academic studies; participating actively in the community and lending institutional resources for its improvement; and modeling the concept of community, cultivation and encouraging open discourse on issues and values and taking actions to address these concerns.

TXCC is a 501(c)(3) nonprofit corporation with 45 dues-paying member institutions of higher education located on 50 Texas college and university campuses. TXCC is a member of the National Campus Compact which has over 35 state affiliates and over 1,000 member campuses. TXCC has placed approximately 50 Volunteers in Service to America (VISTA) volunteers in member campuses in Texas and, in 2007, cohosted with The University of Texas at Austin a National Conference on Civic Engagement, with over 360 participants. Two University of Texas System presidents serve on the TXCC Board of Directors and confirm the importance of its mission in strengthening institutions of higher education in Texas and to developing students' citizenship skills and values, encouraging partnerships between campuses and communities, and assisting faculty who seek to integrate public and community engagement into their teaching and research.

When TXCC was founded in 2000, Texas Tech University provided facilities and services so that use of TXCC resources could be fully devoted to accomplishing its goals to strengthen institutions of higher education. Most recently, St. Edward's University has provided the facilities and services. TXCC has now requested the assistance of The University of Texas System Administration in providing space and certain services that will enable it to continue to carry out its educational purposes.

Specific terms of the agreement are as follows:

- TXCC will be solely responsible for all compensation and benefits provided to its employees, and such employees will not be employees of the U. T. System.
- On behalf of the TXCC Board of Directors, the U. T. System Audit Office will
  inspect and review records maintained by the university in regard to the accounts
  established and funded solely by TXCC, consistent with the auditing procedures
  utilized for all university accounts. Reports will be presented directly to the
  Executive Committee of the TXCC Board of Directors and to the Chancellor of
  the U. T. System.
- All TXCC employees will be required to certify and sign the U. T. System Authorized Use Policy and agree to its terms.
- The agreement shall be evaluated at the end of each fiscal year to ensure that the arrangement continues to meet the needs and furthers the purposes of both the U. T. System and TXCC. If it is determined that a more suitable host arrangement should be pursued, the U. T. System and TXCC agree to release one another from the agreement.
- TXCC shall hold harmless, defend, and indemnify the U. T. System against all claims, actions, liability, damage, loss and expense by reason of injury or death to any person or persons or damage to property arising or alleged to have arisen from the acts or omissions of TXCC, its employees, agents, and subcontractors

during the course of this Agreement. TXCC shall assume liability for and shall indemnify and hold harmless the U. T. System for any and all liabilities, obligations, losses, damages, or costs of any kind and nature whatsoever in any way relating to or arising out of TXCC's operations and/or use of the space.

 The U. T. System shall not be liable to TXCC or any other person in the building or space by TXCC's consent, initiation, or license for any loss, expense, or damage either to the person or property sustained by reason of any condition of the building or space, or due to any act of any employee or agent of the U. T. System, or the act of any other person whatsoever; and in the event the 60-day termination clause is invoked by TXCC, they shall reimburse the U. T. System for all expenses incurred and accrued to that point, and an amount required to settle any noncancelable obligations incurred by TXCC. Active grants or contracts will be transferred to TXCC upon termination unless otherwise indicated by the grantor.

The University of Texas System may offer the space and provide services to TXCC at no cost only if a determination is made by the Board of Regents that the location of TXCC within the facilities of U. T. System Administration serves a public purpose appropriate to the function of the U. T. System, that adequate consideration is received by the U. T. System, and that the System maintains adequate safeguards and controls to ensure that the public purpose continues to be met.

The U. T. System Administration has determined that the agreement meets the requirements in the following manner: the property will be used to further and advance the public educational purpose of The University of Texas System through TXCC's actions and mission, the consideration is the added value of student volunteer coordination to institutions of higher education, and the agreement contains controls through the 60-day termination provision and the requirement that TXCC abide by all applicable laws and regulations. U. T. System agrees to assist TXCC in its endeavors by providing office space and certain services. The agreement will be for a two-year term and may be continued with the mutual agreement of U. T. System and the TXCC Board of Directors.

## 14. <u>U. T. System: Approval of allocation of Intermediate Term Fund proceeds</u> for System-wide projects

## RECOMMENDATION

The Chancellor concurs with the Executive Vice Chancellor for Business Affairs, the Executive Vice Chancellor for Academic Affairs, and the Executive Vice Chancellor for Health Affairs in the recommendation to allocate the \$16.5 million Intermediate Term Fund proceeds to the following projects: (1) \$2.5 million to a matching program for completion of the LEARN network to all U. T. System institutions; (2) \$9 million for the STARs Plus Program (allocated 75% to academic institutions and 25% to health institutions), which will provide funds for operating costs and to recruit and retain outstanding faculty in all disciplines; and (3) \$5 million for the Graduate Programs Initiative, a competitive grant program to support innovations in the education of non-professional graduate students (Ph.D. and comparable degree candidates) at all U. T. System institutions.

## BACKGROUND INFORMATION

The University of Texas System Allocation Policy for Non-Endowment Funds was approved by the U. T. System Board of Regents on November 10, 2005, and implemented on February 1, 2006, as part of the centralization of non-endowment funds. The Allocation Policy is intended to ensure that sufficient liquidity is available at all times to meet the needs of the U. T. System institutions and U. T. System Administration, while ensuring that all funds not needed for short-term liquidity purposes are invested with an appropriate time horizon to enhance the total return of the non-endowment funds. Non-endowment funds are invested in the Intermediate Term Fund (ITF) and Short Term Fund (STF) pursuant to the Allocation Policy.

The Allocation Policy permits sharing of investment returns from the ITF if the total investment return on the ITF in a fiscal year (and since ITF inception) is in excess of the national Consumer Price Index ("CPI-U") published by the Bureau of Labor Statistics plus 3.0%. The amount in excess of the CPI-U plus 3.0% is split with 90% of the excess return being retained by the institutions and 10% being distributed to System Administration. The funds distributed to System Administration are to be used exclusively for strategic initiatives that benefit the institutions, and all expenditures of the funds by System Administration require approval of the Board of Regents.

For Fiscal Year 2007 (and for the period since ITF inception), the total investment return on the ITF was in excess of CPI-U plus 3.0%. The 10% portion of the excess return to be distributed to System Administration for System-wide projects is \$16.5 million (ITF proceeds).

The STARs Plus Program and the Graduate Programs Initiative are more fully described on Pages 137 – 142.

# **STARs Plus**

In 2004, The University of Texas System initiated the STARs Program for "Science and Technology Acquisition and Retention" of outstanding faculty. The Program has been extremely popular among the various campuses and has been successful in recruiting and retaining faculty whose subsequent research funding has been very substantial and continues to grow. The STARs Program is limited, in that it is based on availability of PUF bond proceeds which may be applied only toward the purchase of equipment or renovations. It is also focused on science and technology as part of the University's efforts in these areas and the desire to generate substantial extramural research funding.

Recruitment of faculty often requires "startup" resources which go beyond equipment and renovation needs. These research resources often include supplies, technical support, funding for graduate students and other operating costs.

STARs Plus is a time limited initiative, dependent on the availability of funds, which may be used for the non-equipment/renovation portions of faculty recruitment costs. It is made possible through the recent availability of returns on investment which are not part of the Permanent University Fund. Since these returns may vary depending upon market conditions, they cannot be relied upon for the long term, but do offer opportunities on a time limited basis. The STARs Plus Program will permit campuses to request, through their respective President, funds which may be part of a recruitment startup package for new faculty. This would include faculty recruited to full time positions in any academic field. Whereas STARs money may be requested for retention of outstanding faculty, the limited amount of money currently available for STARs Plus precludes the use of these monies for retention. Requests for STARs Plus funding require that the faculty member be recruited to a full-time tenure track position. Two types of requests will be considered. The first is a proposal for STARs funding, i.e. PUF support of equipment and renovations, accompanied by a request for STARs Plus supplementation, i.e. \$XXX,XXX for equipment and \$YYY,YYY for operating expenses over "X" years. These proposals will be made to the relevant Office of Academic Affairs or Health Affairs and will be considered in the usual manner previously established for evaluating STARs requests. In the case of Health Affairs, all proposals will be screened by consultants and they will be asked for recommendations with regard to approval of both the STARs and the STARs Plus requests. In the case of the Office of Academic Affairs, the same process will apply to competitively offered STARs funding. For those campuses receiving an allocation of STARs money from the Office Academic Affairs, an allocation of STARs Plus money will also be identified.

The second category of requests will be for STARs Plus funding for faculty recruits who are not be considered for STARs award, i.e. requests would be for operating monies only, not for equipment and/or renovations. These will be separately evaluated by the Office of Health and Academic Affairs with appropriate Ad Hoc consultation as needed. Requests in this category may well include the recruitment of an individual in the arts, humanities, or social sciences, for example, who require no equipment or renovations, but require some startup funds. Evaluation of the requests may require a consultation with a consultant knowledgeable of the field and its needs.

A total of \$9 million will be available for the STARs Plus Program, \$6.75 for academic campuses and \$2.25 million for health campuses. Requests will be considered for amounts up to \$250,000. It is assumed that not all faculty recruitments will require the full amount. It is also assumed that the institution will be making good faith efforts to contribute to the startup operating costs for

the faculty recruitment, depending upon the resources available to it for this purpose.

STARs Plus monies may be used for any legitimate academic expense associated with the operating of the faculty member's academic program. While recipients of the Regents' Research Scholars award may apply for additional support from the STARs Program, they will not be eligible for STARs Plus support (since the donor contribution is for operations). Recipients of STARs Plus funds will be eligible to participate in other programs, such as the Graduate Programs Initiative.

Applications may be submitted to the appropriate Executive Vice Chancellor.

## Graduate Programs Initiative

Graduate students seeking nonprofessional doctoral degrees (Ph.D. or its equivalent) are among the most important students in great universities. They aspire to expertise in research essential to the private sector and are, in many cases, the future faculty members of universities and colleges. The quality of graduate students, and the programs in which they are involved, is a critical determinant of new faculty recruitment for The University of Texas System (UT System) campuses. As part of the UT Strategic Planning Activity, a Task Force was established under the Chairmanship of Professor George Stancel of The University of Texas Health Science Center at Houston. The group produced an outstanding report, which identified many challenges and opportunities for graduate programs in the UT System. Their analysis clearly demonstrated that our campuses are in intense competition for graduate students with the very best programs in other parts of the country and indeed the world. While we have had success in some areas in competing successfully for the very best graduate students, we have lost an inordinate number of candidates to programs on the two coasts of the United States. Major issues raised by the Task Force were the need for new and creative organization and content of graduate programs, more adequate stipends for candidates, a very competitive research environment, and expansion of interdisciplinary and multidisciplinary teaching and research opportunities across the System.

The Graduate Program Initiative is a time limited grant program designed to stimulate creative and innovative approaches to nonprofessional graduate education in the UT System. It is made possible through the recent availability of returns on investment which are not part of the Permanent University Fund. Its goals include:

 Innovative efforts to better prepare graduate students for the changing environment for science and technology in the 21<sup>st</sup> century. This includes the Prepared by Office of Health Affairs July 2007 abilities to work across scientific disciplines with colleagues in a variety of other areas; to make successful scientific collaborations; and to understand technology transfer, translational research, and the applications of science to society.

- Educational experiences and programs which demonstrably increase the frequency with which graduate student candidates select the University of Texas institutions, rather than other locations, for their graduate education.
- Creative approaches, which may more effectively or smoothly integrate the graduate experience with the post doctoral experience.
- New configurations of faculty and research programs, which enhance the graduate student experience.

Grants will be awarded on a competitive basis to proposals responsive to the above goals and objectives, but will not be limited to these approaches. A total of \$5 million will be available for grants up to \$500,000 for new initiatives in graduate education. Grant requests will be evaluated by a peer review process, which considers a number of criteria which include, but are not necessarily limited to:

- Degree to which the program addresses the above described goals and objectives of the program.
- The quality of the program, its faculty, and it students.
- The potential for substantially improving the quality of graduate students and the effectiveness of the related program.
- The extent to which the program maximizes resources and/or involves multidisciplinary education and experiences.
- The degree of overall impact on the institution, by improving the quality of faculty, students, fellows and research.
- Matching funds from the institution to enhance the recruitment of outstanding graduate students.

• The identification of metrics by which the success or impact of the program can be assessed.

The extent to which the proposal indicates the potential for continued funding of the effort upon the cessation of the grant will also be a consideration in the evaluation of proposals. This may include commitments for institutional support, and opportunities for extramural, governmental or private sector funding, including philanthropic support.

Funding by the grant may be used to provide graduate student stipends, equipment, supplies, or faculty and administrative support for achieving the success of the program. Within financial constraints of the institution, the degree of its financial commitment to the program will be considered in evaluating proposals. The degree to which the initiative could be reproduced in other institutions will also be considered.

Multiple proposals may be made from the same institution, but it is unlikely that more than two such proposals would be funded at a single campus. Proposals may be made for three to five years with annual progress reports required.

Proposals may be made by any program directors (faculty), but must have clear endorsement by appropriate departmental chairs, deans and the institution's president. Such indications of support should be part of the proposal.

Proposals should be submitted to the appropriate Executive Vice Chancellor.

## 15. U. T. System: Approval to form a Coordinating Committee and provide for funding to advance the Texas Alliance for Nanotechnology (TxAN) initiative with The Texas A&M University System

## RECOMMENDATION

The Chancellor concurs with the recommendation of the Vice Chancellor and General Counsel and the Vice Chancellor for Research and Technology Transfer, after review and concurrence by the Executive Vice Chancellor for Academic Affairs and the Executive Vice Chancellor for Health Affairs, that the Board authorize the Chancellor to take the steps necessary and reasonable to 1) together with The Texas A&M University System (Texas A&M System) form a coordinating committee (Committee) comprised of four U. T. System appointees and four Texas A&M System appointees to begin exploratory work (detailed below) for the creation of the Texas Alliance for Nanotechnology (TxAN), a proposed State of Texas university-industry laboratory for nanotechnology research and development, and 2) provide \$500,000 in Available University Funds (AUF) to be matched by Texas A&M System for use by the Committee as described below.

## BACKGROUND INFORMATION

Under the leadership of the Governor's Office, U. T. System and Texas A&M System have been working over the past nine months on the TxAN initiative. TxAN is conceived to be an advanced nanotechnology research and development infrastructure providing opportunities for collaboration among researchers located across the State of Texas to further the research, development, promotion, and commercialization of nanotechnology in the State of Texas. If feasible, TxAN will culminate in the creation of a statewide laboratory to promote advanced commercialization and opportunities in Texas by leveraging top university research talent and existing resources.

U. T. System and Texas A&M System believe that TxAN will provide a conduit to enhance the research capabilities of both systems and will promote collaboration among faculty of educational institutions and universities in the State of Texas and the recruitment and retention of faculty members and student researchers in the field of nanotechnology.

The Committee will be charged with 1) working with an outside contractor to roadmap the TxAN project, including plans for equipment and facilities, requests for additional investments, and inclusion of other universities and industry participants; 2) determining whether to prepare and then preparing, if appropriate, a request for proposal for governmental and industry partners for TxAN; and 3) creating a standardized intellectual property format and technology transfer vehicle under which both U. T. System and Texas A&M System will agree to operate, including, for example, master licensing agreements.