

TEXAS TECH UNIVERSITY
TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER
LUBBOCK, TEXAS

MINUTES OF THE BOARD OF REGENTS
OF
TEXAS TECH UNIVERSITY

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TEXAS TECH UNIVERSITY
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FEBRUARY 11-12, 1999

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Minutes

Board of Regents
February 11-12, 1999

THURSDAY, FEBRUARY 11, 1999.—The members of the Board of Regents of Texas Tech University convened at 1:05 p.m. on Thursday, February 11, 1999, in the Jefferson Room of the Doubletree Hotel – Lincoln Centre in Dallas, Texas, with the following in attendance:

ATTENDANCE.—

Regents present were James E. Sowell, Chairman; Dr. Bernard A. Harris, Jr.; John W. Jones; Dr. Nancy E. Jones; Dr. Carl E. Noe, J. Michael Weiss, and Alan B. White. Regents J. Robert Brown and Edward E. Whitacre, Jr. were unable to attend.

Also participating at the opening of the meeting were John T. Montford, Chancellor; James L. Crowson, Deputy Chancellor; Donald R. Haragan, President, Texas Tech University; David R. Smith, President, Texas Tech University Health Sciences Center; Marcie Johnston, Executive Director of the Board of Regents and the Chancellor's Council; Jacqueline Garcia, Interim Vice Chancellor for Administration and Finance; and Pat Campbell, Vice Chancellor and General Counsel.

- I. Chairman Sowell announced a quorum present and called the meeting to order.
- II. Chairman Sowell called on Vice President David Schmidly who gave the invocation.
- III. Chairman Sowell called on Chancellor Montford who, speaking from the materials included herewith as Attachment No. 1, introduced Mr. Don Garrett, Associate Vice Chancellor for Institutional Advancement in Dallas; Mr. Homer Hensley, Regional Development Director for the Red Raider Club; Mr. Derrick Morgan, associated with the Dallas Chapter of the Ex-Students Association; and Ms. Jacque Garcia, newly appointed Interim Vice Chancellor for Finance and Administration. Chancellor Montford also introduced Mr. James Mullins, Associate Vice Chancellor for Institutional Advancement in Dallas, who was unable to attend the meeting.

- IV. RECESS TO EXECUTIVE SESSION.—At 1:10 p.m., at the direction of Chairman Sowell, the Board recessed and convened in Executive Session as authorized by Chapter 551 of the Texas Government Code.
- V. RECONVENING OF THE BOARD TO OPEN SESSION—At 3:25 p.m., following its Executive Session, at the direction of Chairman Sowell, the Board reconvened in open session.
- VI. RECESS TO STANDING COMMITTEES—At approximately 3:30 p.m., at the direction of Chairman Sowell, the Board recessed into open meetings of its standing committees, which were conducted sequentially in open session as follows: the Academic, Clinical and Student Affairs Committee met from approximately 3:30 p.m. until approximately 5:00 p.m. in the Madison Room; the Finance and Administration Committee met from approximately 5:05 p.m. to 5:35 p.m. in the Hamilton Room. At the conclusion of the Finance Committee, it was determined that the Facilities Committee would begin its deliberations at 8:30 a.m. on Friday, February 12, in the Madison Room.

FRIDAY, FEBRUARY 12, 1999.—The Facilities Committee of the Board of Regents of Texas Tech University met from approximately 8:30 a.m. until 10:00 a.m. on Friday, February 12, 1999, in the Madison Room of the Doubletree Hotel – Lincoln Centre in Dallas, Texas.

- VII. RECONVENING OF THE BOARD TO OPEN SESSION.—At 10:10 a.m., the Board reconvened in open session in the Jefferson Room, Doubletree Hotel-Lincoln Centre in Dallas, Texas to consider items as a Board and in the Committee of the Whole.
- VII.A. APPROVAL OF MINUTES—Chairman Sowell moved that the minutes of the Board meeting held on November 13, 1998 be approved. Regent Harris seconded the motion, and the motion passed unanimously.
- VII.B. COMMITTEE OF THE WHOLE

Chairman Sowell announced that for the purpose of facilitating action on the items to be considered, Mr. White would preside over the Committee of the Whole.

- 1. Mr. White called on Deputy Chancellor Crowson who presented the item regarding approval of the consent agenda and acknowledgment of review of the Information Agenda. Opportunity for discussion by the Board followed the presentation. Regent White moved that the consent agenda be approved. Regent John Jones seconded the motion, and the motion passed unanimously. The following are the Minute Orders approved by this motion:

- a. TTU: Ratify the establishment of four centers.—The Board ratified approval to establish the Center for Plant Biochemistry and Functional Genomics; Fire Ecology Center; Rural Airborne Particulate Matter Research Center; and International Center for Space Science.
- b. TTUHSC: Approve exception to *Board of Regents Policy 04.23*.—The Board approved an exception to the nepotism policy to allow Beth Linville, spouse of Raymond Linville, Chair and Associate Dean, Communication Disorders, School of Allied Health, to teach one class in Communication Disorders for one summer term as recommended by the Office of the President and the Office of the Chancellor.
- c. TTUHSC: Ratify an increase in an existing agreement with Quest Diagnostics, Inc..—The Board ratified an increase in the existing agreement with Quest Diagnostics, Inc., for clinical laboratory and pathology services, as recommended by the Office of the President and the Office of the Chancellor. The contract amount for the period September 1, 1998 through August 31, 1999 is anticipated to be approximately \$600,000.00.
- d. TTUHSC: Ratify a renewal agreement with Midland County Hospital District.—The Board ratified renewal of the agreement between TTUHSC and Midland County Hospital District as recommended by the Office of the President and the Office of the Chancellor. The agreement provided funding for resident support, faculty support, and the Physician Associate Program for the period October 1, 1998 through September 30, 1999 in an amount not to exceed \$1,513,327.00.
- e. TTUHSC: Approve a consulting contract with Partners in Medical Education.—The Board approved a consulting contract between TTUHSC and Partners in Medical Education as recommended by the Office of the President and the Office of the Chancellor. The agreement is to conduct an evaluation of the Family Practice and Internal Medicine programs in Midland and Odessa, Texas. For the services rendered, TTUHSC will compensate Partners in Medical Education \$16,000.00 plus appropriate expenses. The total contract amount is not expected to exceed \$20,000.00.
- f. TTUHSC: Approve amendment to consulting contract with Charles D. Travis.—The Board approved an amendment of a previous consulting agreement with Charles D. Travis as recommended by the Office of the President and the Office of the Chancellor. The agreement is to advise on issues relating to administration of health

insurance benefits to state employees and various other managed care endeavors. The original agreement and a subsequent amendment provided services from April 1, 1997 through December 31, 1998, for the total amount of \$15,000.00. This amendment to the contract raises the maximum amount to \$30,000.00 and extends the term through August 31, 1999.

- g. TTUHSC: Approve extension to consulting contract with Ron Jackson.—The Board approved an extension of a consulting agreement with Ron Jackson as recommended by the Office of the President and the Office of the Chancellor. This agreement is to provide insight and expertise for the organization and operation of correctional units for which TTUHSC provides medical services. The original agreement and a subsequent amendment provided services from April 1, 1997 through December 31, 1998, for the total amount of \$15,000.00. This amendment to the contract raises the maximum amount to \$30,000.00 and extends the term through August 31, 1999.
- h. TTU: Approve budget and salary adjustments.—The Board approved budget and salary adjustments, included herewith as Attachment No. 2, as recommended by the Office of the President and the Office of the Chancellor. The adjustments are for the period October 1, 1998 to December 31, 1998.
- i. TTU: Approve special budget adjustments.—The Board approved special budget adjustments, included herewith as Attachment No. 3, as recommended by the Office of the President and the Office of the Chancellor. The budget adjustments were for (i) \$100,000.00 or more; (ii) supplemental awards or renewals of research; or (iii) other sponsored projects and are for the period October 1, 1998 through December 31, 1998.
- j. TTU: Approve faculty development leaves.—the Board approved faculty development leaves with salary as recommended by the Office of the President and the Office of the Chancellor for Robert J. Baker, Horn Professor, Department of Biological Sciences; Sherry Ceniza, Associate Professor, Department of English; Kwong S. Chao, Professor, Department of Electrical Engineering; K. Kelvin Cheng, Professor, Department of Physics; Philip A. Dennis, Professor, Department of Sociology; Marilyn Houck, Associate Professor, Department of Biological Sciences; Megan Koreman, Assistant Professor, Department of History; Aie-Rie Lee, Associate Professor, Department of Political Science; Elizabeth I. Loudon, Associate Professor, College of Architecture; Uzi Mann, Professor, Department of Chemical Engineering; Clyde Martin, Horn

Professor, Department of Mathematics and Statistics; Joanna Moss, Associate Professor, College of Architecture; Charles Myles, Professor, Department of Physics; Robert Owen, Associate Professor, Department of Biological Sciences; Steven Paxton, Associate Professor, School of Music; Willy E. Rice, Professor, School of Law; Mariana A. Shabov, Associate Professor, Department of Mathematics and Statistics; and Jayne Zanglein, Professor, School of Law.

- k. TTU: Approve official leaves of absence.—The Board approved official leaves of absence without pay as recommended by the Office of the President and the Office of the Chancellor for Mark Harmon, Associate Professor, College of Arts and Sciences; Peter J. Lewis, Assistant Professor, College of Arts and Sciences; Patricia Goubil-Gambrell, Associate Professor, College of Arts and Sciences; Alan Sill, Associate Professor, College of Arts and Sciences; and Amie L. Thomasson, Assistant Professor, College of Arts and Sciences.
- l. TTU: Ratify a twelve-month contract with Globe Facility Services, Inc. to obtain pre-opening technical services for the United Spirit Arena.—The Board ratified a contract between TTU and Globe Facilities Services, Inc. as recommended by the Office of the President and the Office of the Chancellor to provide pre-opening technical services for the United Spirit Arena. The contract is for \$102,000.00 of which \$90,000.00 is the fee to Globe Facilities Services, Inc., and the remainder is for reimbursable expenses.
- m. TTU: Approve acceptance of major gifts-in-kind.—The Board approved acceptance of major gifts-in-kind to the College of Engineering as recommended by the Office of the President and the Office of the Chancellor. Texaco, Inc. Beacon, New York, donated a Varian 300 megahertz NMR System valued at \$125,307.00 and IBM Corporation donated computer software valued at \$596,650.00 to the College of Engineering.
- n. TTU and TTUHSC: Approve substitution of signature authority.—The Board approved substitution of signature authority as recommended by the Office of the President and the Office of the Chancellor. The Board authorized Jacqueline Garcia to sign for the universities in place of Dr John Opperman on certain financial matters.
- o. TTUHSC: Approve budget adjustments.—The Board approved budget adjustments, included herewith as Attachment No. 4, as recommended by the Office of the President and the Office of the

Chancellor. The adjustments are for the period October 1, 1998 to December 31, 1998 and included the areas of Educational and General Funds: Utilities, Neurosurgery and School of Pharmacy; and Medical Practice Income Plan: Research and Development.

Mr. White then moved that the Board acknowledge its review of the Information Agenda as follows:

- TTU: Summary of Revenue and Expenditures by Budget Category; Fiscal Year 1999; November 30, 1998.
 - TTU: Report of Official Travel, Fiscal Year 1999
 - TTU and TTUHSC: Office of Development, Gifts and Grants, Fiscal Quarter Comparison, per *Board Policy 05.01.3*
 - TTU: Faculty Employment Contracts Greater Than \$100,000 per Annum per *Board Policy 04.05.4*: James Dickey, Lubbock, TX
 - TTUHSC: Summary of Revenue and Expenditures by Budget Category; Fiscal Year 1999; November 30, 1998
 - TTUHSC: Budget Adjustments for Research, Contracts, Grants and Sponsored Projects; 10/1/98 – 12/31/98, per *Board Policy 04.04.4*
 - TTUHSC: Renewal Contracts Greater Than \$100,000 per Annum, per *Board Policy 04.05.5*: Community Health Center of Lubbock; Amarillo Radiology Associates; City of El Paso; Medical Center Hospital; Methodist Children's Hospital; University of Texas at El Paso; Lubbock Regional MHMR
 - TTUHSC: Affiliation Agreements, September 1, 1998 to December 31, 1998
 - TTUHSC: School of Medicine Faculty Employment Contracts, per *Board Policy 04.04*
 - TTUHSC: Report of Official Travel, Fiscal Year 1999
2. Mr. White called on Deputy Chancellor Crowson who presented the item regarding investment policies, the request to appoint an additional investment manager, and authorization to invest in our long-term investment funds approximately \$20 million from the short term investment fund which has \$400 million to \$500 million routinely.

Mr. Crowson noted that the Investment Advisory Committee recommended modifying the policies to provide for investment in real estate investment trusts; that the committee recommended that the Board of Regents authorize the redeployment of an additional \$20 million of Long-Term Texas Tech University Institutional Funds from the Short/Intermediate Term Investment Fund ("SITIF") into the Long-Term Investment Fund ("LTIF"); and that the committee also recommended that the Board of Regents authorize the selection of John McStay, a Real Estate Investment Trust manager, to invest a portion of the LTIF.

Mr. Crowson recognized David Stein of Fund Evaluation Group who was available to answer questions.

Opportunity for discussion by the Board followed the presentation. Regent White moved:

(i) that the amendments to *Board Policy 05.06* be approved as follows:

(a) Amend Section 6.a. to read as follows:

"a. Total Fund. The total return for the LTIF is expected to exceed the Consumer Price Index plus 5 percent and a balanced index that replicates the target asset allocation of the LTIF to exceed a target Balanced Index comprised of: 40 percent of the S&P 500 Stock Index, 15 percent of the Russell 2000 Index; 15 percent of the EAFE Index; and 30 percent of the Lehman Brothers Aggregate Bond Index. These objectives shall be measured over rolling 5-year periods."

(b) In Section 8, amend the first paragraph and the asset allocation table that immediately follows the first paragraph to read as follows:

"To achieve the goal and objectives of the LTIF, the Fund's assets may be invested into three ~~two~~ categories: an equity component, a real estate investment trust component, and a fixed-income component. The LTIF shall be diversified both by asset class and, within asset classes, by economic sector, industry and market capitalization (size). The purpose of diversification is to limit the specific risk associated with any single security or class of securities. The asset allocation of the LTIF shall be structured as follows:

<u>Type of Securities</u>	<u>Target</u>	<u>Range</u>
Equity	68% 70%	40-80%
Domestic Large Cap	(40%)	(20-50%)
Domestic Small Cap	13% (15%)	(10-20%)
International	(15%)	(10-20%)
<u>Real Estate Investment Trust</u>	7%	(3-12%)
Fixed Income	25% 30%	20-40%
Cash	---	0-10%"

- (ii) that the Board of Regents authorize the redeployment of an additional \$20 million of Long-Term Texas Tech University Institutional Funds from the SITIF into the LTIF; and
- (iii) that the Board of Regents authorize the selection of John McStay as a Real Estate Investment Trust manager for a portion of the LTIF.

Regent Harris seconded the motion, and the motion passed unanimously.

- 3. Mr. White called on Deputy Chancellor Crowson, who presented the item regarding an amendment to the Debt Management Policy to facilitate the internal financing of equipment purchases.

Opportunity for discussion by the Board followed the presentation. Regent White moved that the recommended amendment to the Debt Management Policy be approved as follows:

"a. **General.** In order to obtain approval for the issuance of RFS debt to purchase equipment, each of TTU and TTUHSC must, by July 1 of each fiscal year, determine equipment needs for the following fiscal year. The Board of Regents will approve the financing through the Equipment Financing Program of equipment costing \$250,000 or more. For equipment costing less than \$250,000 but more than \$100,000 that is to be financed through the Equipment Financing Program, the approval of the chancellor with concurrence of either the chair of the board or the chair of the Finance Committee is required. The approval of the chancellor is required for equipment costing less than \$100,000 that is to be financed through the Equipment Financing Program, the aggregate amount of capital equipment to be financed through the Equipment Financing

~~Program at their August Meeting~~ The Office of the Chancellor will then submit ~~the aggregate equipment financing amount by institution~~ the required notice to the Texas Bond Review Board ~~at the beginning of each fiscal year.~~"

Regent Nancy Jones seconded the motion, and the motion passed unanimously.

4. Mr. White called on Deputy Chancellor Crowson who presented the item regarding the Sixth Supplemental Resolution to the Master Bond Resolution.

During his presentation, Mr. Crowson noted that the amount for the bond issue needed to be changed from "up to \$115 million" to "up to \$118 million."

Secretary's Note: The amount of bonds priced on April 7, 1999 with settlement on May 4, 1999 was \$115,100,000.00.

Discussion by the Board followed the presentation. Regent White moved:

- (i) that the Board of Regents approve the Sixth Supplemental Resolution substantially in the form attached hereto as Attachment No. 5.
- (ii) that the Board of Regents:
 - (a) designate Salomon Smith Barney as senior managing underwriter for the issuance of the proposed Refunding and Improvement bonds;
 - (b) select the firm of McCall, Parkhurst & Horton L.L.P. to serve as Bond Counsel; and
 - (c) authorize the Board of Regents Finance Committee to negotiate with the senior managing underwriter acting on their behalf and behalf of other investment banking firms, approved by the Board of Regents Finance Committee, to assure that the bonds are sold on the most advantageous terms to the Board, and
- (iii) that the Board of Regents authorize the Board of Regents Finance Committee to establish the aggregate principal amount of the Texas Tech University Revenue Financing System Refunding and Improvement Bonds, Sixth Series

(1999), in an amount not to exceed \$118,000,000.00, which amount shall be sufficient to provide for:

- (a) refunding of the Second Series and the Third Series Bonds in a manner that will result in a present value savings of at least two percent of the Refunded Bonds, and a minimum present value debt service savings of \$400,000;
- (b) currently refunding certain of the Board's outstanding Series A Notes in the aggregate principal amount of \$21,700,000.00;
- (c) acquiring, purchasing, constructing, improving, renovating, enlarging or equipping property buildings, structures, facilities, roads, or related infrastructure for Texas Tech University and Texas Tech University Health Sciences Center, and
- (d) paying the costs relating to the issuance of the bonds.

Regent Harris seconded the motion, and the motion passed unanimously.

VII.C. REPORT OF EXECUTIVE SESSION

Regent White presented two recommendations on matters considered in Executive Session.

The first recommendation authorized the disposition of a pending lawsuit against Texas Tech University Health Sciences Center and its employees and potential litigation involving Texas Tech University. Regent White moved that the Board of Regents authorize the General Counsel and specific members of the University administration to proceed with the disposition of these two matters within the parameters set forth by the Board of Regents in Executive Session. Regent Harris seconded the motion, and the motion passed unanimously.

The second recommendation was related to the appeal of Ali Roghani, Ph.D., pursuant to Board of Regents Policy 6.04 concerning a faculty disciplinary proceeding. The Board reviewed and considered the record during formal hearings and makes the following recommendations. One, the Board concurred with the recommendation of Dr. Joel Kupersmith, Dean of the Texas Tech University Health Sciences Center School of Medicine, that Dr. Roghani not be dismissed. Two, the Board further directed that the matter be remanded to the Chancellor, the President of Texas Tech University Health Sciences Center, and the Dean of the Medical School for remaining actions, if any, exclusive of dismissal as are supported by the evidence. Regent White moved approval

of the recommendations. Regent Nancy Jones seconded the motion, and the motion passed unanimously.

VII.D. REPORT OF THE ACADEMIC, CLINICAL AND STUDENT AFFAIRS COMMITTEE

Chairman Sowell called on Regent Noe, Chair, to give the report of the Academic, Clinical and Student Affairs Committee.

Committee Chairman Noe reported that the Academic, Clinical and Student Affairs Committee met in open session on Thursday, February 11, 1999 to consider those matters on its agenda and to formulate recommendations to the Board of Regents of Texas Tech University. Unless otherwise indicated, the actions set forth in the Minute Orders which follow were recommended by the Academic, Clinical and Student Affairs Committee and approved in open session and without objection by the Board of Regents of Texas Tech University.

1. TTU: Approve appointment with tenure.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved that tenure be granted to T. Gilmour Reeve, Ph.D., at the same time as his appointment as professor.
2. TTU: Approve changes in academic rank and granting of tenure.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved the change in academic rank, effective September 1, 1999, from Assistant Professor to Associate Professor, and the granting of tenure, effective February 12, 1999, for faculty of Texas Tech University included herewith as Attachment No. 6.
3. TTU: Granting of tenure.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved the granting of tenure to Alberto Perez, Associate Professor, Department of Classical and Modern Languages and Literature, College of Arts and Sciences, effective February 12, 1999.
4. TTU: Approve changes in academic rank.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved changes in academic rank, effective September 1, 1999, for faculty of Texas Tech University included herewith as Attachment No. 7.
5. TTU: Approve promotions and/or continuing appointments for librarians and archivist.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved the promotions of Tai Kreidler, from Assistant Archivist to Associate Archivist, Southwest Collections/Special Collections Library and Freedonia Paschall, from

Assistant Librarian to Associate Librarian, Southwest Collection/Special Collections Library, effective September 1, 1999; and continuing appointment for John Hufford, Associate Librarian, Library, effective February 12, 1999.

6. TTU: Approve emeritus appointments.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved emeritus appointments for faculty of Texas Tech University included herewith as Attachment No. 8.
7. TTU: Approve designation of Horn Professors.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved the designation of Horn Professor be granted to Dr. Ken Ketner and Dr. Clyde Jones, effective February 12, 1999.
8. TTU: Approve Master of Science with a major in Multidisciplinary Science in the College of Arts and Sciences.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved a new degree program for a Master of Science with a major in Multidisciplinary Science in the College of Arts and Sciences and that the Office of the Chancellor cause a proposal to be submitted to the Texas Higher Education Coordinating Board seeking approval for such a program.
9. TTU: Approve core curriculum for all university programs.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved a core curriculum consisting of 47 semester credit hours for all undergraduate degree programs. The Office of the Provost will be responsible for establishing and maintaining appropriate courses within the core curriculum which conform to Texas Higher Education Coordinating Board Rules.
10. TTU: Approve authority to develop procedures for distance education and off-campus instruction for public colleges and universities.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved that the Office of the President and the Board of Regents reaffirm and ratify previous actions in delegating or approving distance education courses, off-campus instruction, and related procedures for Texas Tech University.
11. TTUHSC: Approve changes in academic rank.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved changes in academic rank, effective September 1, 1999, for faculty of Texas Tech University Health Sciences Center as included herewith as Attachment No. 9.

12. TTUHSC: Approve granting of tenure.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved the granting of tenure, effective February 12, 1999, for faculty of Texas Tech University Health Sciences Center included herewith as Attachment No. 10.
13. TTUHSC: Approve change in academic rank and granting of tenure.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved the change in academic rank, effective September 1, 1999, from Associate Professor to Professor, and the granting of tenure, effective February 12, 1999, for John Griswold, M.D., Department of Surgery, School of Medicine.
14. TTUHSC: Approve emeritus appointments.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved the granting of chairman emeritus status to Professor Gabor Racz, M.D.
15. TTUHSC: Approve agreement with Southern Corrections Systems, Inc.—Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board approved an agreement between Texas Tech University Health Sciences Center and Southern Corrections Systems, Inc., Oklahoma City, Oklahoma, to provide health care services for SCS-operated facilities effective April 1, 1999 through August 31, 2001.

Upon recommendation of the Academic, Clinical and Student Affairs Committee, the Board accepted the following reports:

16. Report by Dean John Abernathy on the College of Agriculture and Natural Resources, included herewith as Attachment No. 11.
17. Report by Dr. David Schmidly on research and technology transfer; centers and institutes; and acquisition of supercomputer, included herewith as Attachment No. 12.
18. Report by Dr. Robert Ewalt on NCAA certification, included herewith as Attachment No. 13.
19. Report by Dr. Robert Ewalt on the activities of the Alcohol Task Force, included herewith as Attachment No. 14.

VII.E. REPORT OF THE FINANCE AND ADMINISTRATION COMMITTEE

Chairman Sowell called on Regent White, Chair, to give the report of the Finance and Administration Committee.

Committee Chairman White reported that the Finance and Administration Committee met in open session to consider those matters on its agenda and to formulate recommendations to the Board of Regents of Texas Tech University. Unless otherwise indicated, the actions set forth in the Minute Orders which follow were recommended by the Finance and Administration Committee and approved in open session and without objection by the Board of Regents of Texas Tech University.

1. TTU: Approve arena suite license agreements.—Upon recommendation of the Finance and Administration Committee, the Board delegated the authority to the Chancellor or his designee to enter into arena suite license agreements for up to ten years when such agreements are approved as to form by the Office of the General Counsel.
2. TTU: Approve contract for Texas Tech Wind Science and Engineering Mesonet Program.—Upon recommendation of the Finance and Administration Committee, the Board delegated the authority to the Chancellor or his designee to enter into a contract with the City of Lubbock to provide funds for the purchase and installation of capital equipment for the Texas Tech Wind Science and Engineering Mesonet Program valued at \$2,000,000.00.
3. TTU: Approve fee assessment schedule effective Fall, 1999.—Upon recommendation of the Finance and Administration Committee, the Board approved the fee assessment schedule for Texas Tech University effective Fall, 1999, which, as amended, is included herewith as Attachment No. 15.
4. TTUHSC: Approve fee assessment schedule effective Fall, 1999.—Upon recommendation of the Finance and Administration Committee, the Board approved the fee assessment schedule for Texas Tech University Health Sciences Center effective Fall, 1999, which as amended, is included herewith as Attachment No. 16.

Upon recommendation of the Finance and Administration Committee, the Board accepted the following two reports:

5. Report on Continuing Education and Distance Learning by Dr. Bill McCaughan, included herewith as Attachment No. 17.
6. Report on Health Research and Education Initiative for El Paso by Chancellor Montford, included herewith as Attachment No. 18.
7. TTU: Award of a consulting contract for the Center for Economic Development.—Upon recommendation of the Finance and Administration Committee, the Board approved the awarding of a consulting contract to

Hamer, Siler, George and Associates of Silver Spring, MD related to the activities of the Center for the Study of Regional Economic and Industrial Development.

8. TTU: Aquatic Center Pool Roof Renovation. —Upon recommendation of the Finance and Administration Committee, the Board approved the Student Recreational Sports Facility roofing project at a cost of \$450,000.00 and to be funded with \$225,000.00 from Student Recreation Center Fund balances and \$225,000.00 from Unexpended Plant Funds (Fund 3700).
9. TTU: Renovation of Athletics Weight Room. —Upon recommendation of the Finance and Administration Committee, the Board approved the renovation of the Athletic Training Facility weight room, funded by a private donation of \$285,000.00.

VII.F. REPORT OF THE FACILITIES COMMITTEE

Chairman Sowell gave the report of the Facilities Committee.

Committee Chairman Sowell reported that the Facilities Committee met in open session to consider those matters on its agenda and to formulate recommendations to the Board of Regents of Texas Tech University. Unless otherwise indicated, the actions set forth in the Minute Orders which follow were recommended by the Facilities Committee and approved in open session and without objection by the Board of Regents of Texas Tech University.

1. TTU: Approve naming the Ranching Heritage Park. —Upon recommendation of the Facilities Committee, the Board approved the naming of the 14-acre Ranching Heritage Park as the Foy Proctor Park, a description of which is included herewith as Attachment No. 19, in memory of Mr. Foy Proctor, donor to Texas Tech University.
2. TTU: Proceed with Pedestrian Mall Plaza. —Upon recommendation of the Facilities Committee, the Board approved proceeding with the Pedestrian Mall Plaza at the Carpenter-Wells project location and appropriated funds as follows: \$150,000.00 to be transferred from the Carpenter Wells project; \$19,000.00 appropriated from private donations in account 424A-42-1680; and \$521,000.00 appropriated from the auxiliary funds management and services account.
3. TTU: Approve budget increase for renovation of West Hall. —Upon recommendation of the Facilities Committee, the Board approved increasing the budget for the renovation of West Hall by \$3,000,000.00 for a total project budget of \$6,000,000.00, with the final appropriations being

\$3.3 million from tuition revenue bonds and \$2.7 million being from HEAF balances; submitting the appropriate documents to the Texas Higher Education Coordinating Board for approval; and upon receiving such approval, proceeding with the project.

4. TTU: Approve amendment of previous board actions to authorize an alternative construction methodology. – Upon recommendation of the Facilities Committee, the Board approved an amendment to previous board actions to authorize alternative construction methodologies. For the purpose of awarding these contracts, the Facilities Committee of the Board is authorized to meet upon the call of its chairman, between meetings of the Board of Regents, and is delegated the authority to take action on such contracts under *Board Policy 03.01*. The chair of the Facilities Committee shall report all actions at the next board meeting. Item M30, reference the Broadway entrance gatehouses and fence, was adopted at the November, 1998 board meeting and the first of two resolutions of that board action is amended to read as follows:

“RESOLVED, that the Board of Regents of Texas Tech University authorizes the Office of the Chancellor to select an architect for the project; approve the conceptual design; to establish the budget; to authorize the preparation of documents for submittal to the Texas Higher Education Coordinating Board for review and approval; and proceed with all necessary requirements per Board Policy 03.01 to award a Design-Build contract for the Broadway entrance gatehouses and fence. ~~proceed with contract documents, with the receipt of bids, and with the awarding of a construction contract for the Broadway entrance gatehouses and fence.~~

Item M90, reference the Student Recreational Sports Facility, was adopted at the April, 1998 board meeting and the first of three resolutions of that board action is amended to read as follows:

“RESOLVED, that the Board of Regents of Texas Tech University authorizes the Office of the Chancellor to proceed with the project; to establish a project budget; to approve the schematic design; to authorize the preparation of documents for submittal to the Texas Higher Education Coordinating Board for review and approval; and upon approval, proceed with all necessary requirements per Board Policy 03.01 to award a Construction Manager-At-Risk contract for the renovation of the Student Recreational Sports Facility. ~~to proceed with contract documents, with the receipt of bids, and with the awarding of a construction contract for the expansion and renovation of the Student Recreational Sports Facility.~~

Item M146, reference the English/Philosophy and Education complex, was adopted at the August, 1997 board meeting and the first of five resolutions of that board action is amended to read as follows:

“RESOLVED, that the Board of Regents of Texas Tech University authorizes the Office of the Chancellor to proceed with the project; to establish a project budget; to approve the schematic design; to authorize the preparation of documents for submittal to the Texas Higher Education Coordinating Board for review and approval; and upon approval, proceed with all necessary requirements per Board Policy 03.01 to award a Construction Manager-At-Risk contract for the construction of the English/Philosophy and Education complex. ~~to proceed with contract documents, with the receipt of bids, and with the awarding of a construction contract for the construction of the English/Philosophy/Education complex.~~

5. TTU: Prepare appropriate documents for renovation of Jones Stadium.— Upon recommendation of the Facilities Committee, the Board delegated the authority to the Chancellor or his designee to prepare appropriate documentation sufficient to achieve Coordinating Board approval for the renovation of Jones Stadium at a total project cost of \$49.5 million, but stipulated that the item, if approved, would not by itself authorize the beginning of the construction process for the renovation of Jones Stadium.

Discussion by the Board followed the presentation. The motion passed by a vote of 6 Ayes and 1 Nay with Regent Weiss recording a “no” vote.

6. TTU: Arrangement with City of Lubbock regarding the Coliseum and grounds. [This item was withdrawn from consideration by the Board.]
7. TTU and TTUHSC: Clarification of Board Policy 03.01 Building Program.—Upon recommendation of the Facilities Committee, and after opportunity for discussion, the Board approved the clarification of *Board Policy 03.01 Building Program* to indicate that the Office of the Chancellor is designated as the representative of the Board of Regents in implementing alternative bidding methods for new construction projects of \$300,000.00 or less and repair and rehabilitation projects of \$600,000.00 or less.
8. TTUHSC: Approve ground lease and master coordinating agreement with Sears-Methodist Retirement System, Inc. to build and operate a teaching nursing home.—Upon recommendation of the Facilities Committee, the Board approved the ground lease and master coordinating agreement with Sears-Methodist Retirement System, Inc. to build and operate a teaching nursing home on the Texas Tech University campus. Texas Tech University will lease a parcel of land that is part of a 50-acre tract on the

north side of 4th Street directly across the street from the Health Sciences Center to Sears-Methodist Retirement System. The ground lease will be for an initial 50-year term with the option for two ten-year extensions and will be surrendered to Texas Tech University at the end of the ground lease.

The motion passed by a vote of 6 Ayes and 0 Nays. Regent Nancy Jones asked that she be recorded as abstaining.

9. TTUHSC: Approve ground lease with Southwest Surgical Center, L.L.C.—Upon recommendation of the Facilities Committee, the Board approved a ground lease with Southwest Surgical Center, L.L.C. to build a surgery center on the Texas Tech Medical Center Southwest campus. During the 15-year financing period, Texas Tech University Health Sciences Center will lease the land to Southwest Surgical Center, L.L.C. at market rates. At the end of the financing period, Southwest Surgical Center, L.L.C. will donate the facility to Texas Tech University Health Sciences Center. A plat of the site is included herewith as Attachment No. 20.

Upon recommendation of the Facilities Committee, the Board accepted the following report:

10. Report on facility needs for the College of Engineering by Interim Dean William Marcy, included herewith as Attachment No. 21.
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- VII.G. AD HOC BOARD POLICY MANUAL REVIEW COMMITTEE REPORT—Chairman Sowell called on Regent Nancy Jones who presented a brief report on the activities of the Ad Hoc Board Policy Manual Review Committee.
 - VII.H. INVESTMENT ADVISORY COMMITTEE REPORT—Chairman Sowell called on Mr. Ed McGee, Assistant Vice Chancellor for Investments, who in the absence of Chairman Brown presented the Investment Advisory Committee report, included herewith as Attachment No. 22.
 - VII.I. ENROLLMENT MANAGEMENT REPORT—Chairman Sowell called on Dr. Michael Heintze, Vice President for Enrollment Management, who presented a report on the activities of the Enrollment Management Office. Dr. Heintze distributed recruitment materials and a packet of information, included herewith as Attachment No. 23.
 - VII.J. CAMPUS CARE GIVERS REPORT—Chairman Sowell called on Mrs. Debbie Montford who presented a report on the activities of the Campus Care Givers Committee.

VII.K. CHANCELLOR'S REPORT--Chairman Sowell called on Chancellor Montford who gave the Chancellor's Report included herewith as Attachment No. 24.

Chairman Sowell extended his appreciation to Regents Bernard Harris, Carl Noe and Ed Whitacre for their dedication to Texas Tech University and the Texas Tech University Health Sciences Center and the satellite campuses during their years of service as members of the Texas Tech University Board of Regents.

VII.L. ADJOURNMENT--Chairman Sowell adjourned the meeting at approximately 11:30 a.m.

INDEX OF ATTACHMENTS

Attachment 1	Chancellor's Introductions
Attachment 2	Budget and Salary Adjustments for TTU
Attachment 3	Special Budget Adjustments for TTU
Attachment 4	Budget Adjustments for TTUHSC
Attachment 5	Sixth Supplemental Resolution to the Master Bond Resolution
Attachment 6	Changes in Academic Rank and Granting of Tenure for TTU
Attachment 7	Changes in Academic Rank for TTU
Attachment 8	Emeritus appointments for TTU
Attachment 9	Changes in academic rank for TTUHSC
Attachment 10	Granting of tenure for TTUHSC
Attachment 11	Report by Dean John Abernathy on the College of Agriculture and Natural Resources
Attachment 12	Report by Dr. David Schmidly on research and technology transfer; centers and institutes; and acquisition of supercomputer
Attachment 13	Report by Dr. Robert Ewalt on NCAA certification
Attachment 14	Report by Dr. Robert Ewalt on the activities of the Alcohol Task Force
Attachment 15	Fee Assessment Schedule, Effective Fall, 1999 for TTU
Attachment 16	Fee Assessment Schedule, Effective Fall, 1999 for TTUHSC
Attachment 17	Report by Dr. Bill McCaughan on Continuing Education and Distance Learning
Attachment 18	Report by Chancellor Montford on Health Research and Education Initiative for El Paso
Attachment 19	Foy Proctor Park Schematic
Attachment 20	Southwest Surgical Center Plat
Attachment 21	Report by Dr. William Marcy on Facility Needs for the College of Engineering
Attachment 22	Investment Advisory Committee Report
Attachment 23	Enrollment Management Report
Attachment 24	Chancellor's Report
Attachment 25	Finance and Administration Committee Information Items

I, James L. Crowson, the duly appointed and qualified Assistant Secretary of the Board of Regents, hereby certify that the above and foregoing is a true and correct copy of the Minutes of the Texas Tech University Board of Regents meeting on February 11-12, 1999.

~~James L. Crowson~~
~~Assistant Secretary~~

SEAL

Chancellor John T. Montford
Introductions
Regents Meeting
February 11, 1999

INTRODUCTIONS

- I. I'd like to introduce some people that are helping us here in Dallas.
 - Don Garrett. Don is assistant vice chancellor for the Institutional Advancement Division.
 - Homer Hensley who is regional development director for the Red Raider Club
 - Derrick Morgan is with the Dallas Chapter of the Ex-students Association.
 - James Mullins could not join us today. James also is assistant vice chancellor for the institutional advancement division. James is out of town today.
- II. From Lubbock, I'd like to introduce Jacque Garcia. Jacque has taken on many of John Opperman's responsibilities since he left to join Rick Perry's staff. Jacque is serving as interim vice chancellor for finance.

Finance and Administration

8. TTU: Approve budget and salary adjustments.

The following request to approve budget and salary adjustments has been administratively approved by the Office of the President and the Office of the Chancellor as required by board policy and is recommended for approval by the TTU Board of Regents. These adjustments are for the period October 1, 1998 to December 31, 1998.

Budget Adjustments:

ACTIVITY	SOURCE OF FUNDS		EXPENSE	REMARKS
	OTHER	INCOME		
Communication Services	500,000		500,000	Installment to the General Services Commission for the Statewide Telecommunications Network
Funds Management Services	1,000,000		1,000,000	Cancel Non-Mandatory transfer to Athletics and return funding to the Fund Balance of 1120
Business Administration - Reserve		250,000	250,000	Transfer funding from Strategic Initiative
Institute for University Res.- Engineering		396,733	396,733	Transfer funding from 0094 and 0092 for research activities
Arena - Supplemental Funding		250,000	250,000	Interest Income - Flex Repo (Arena Bond Proceeds)

Salary Adjustments:

ACTIVITY	SOURCE OF FUNDS		EXPENSE	REMARKS
	OTHER	INCOME		
<i>Salary Increases of 10% or more: Per Annum</i>	CURRENT SALARY	NEW SALARY	% INCREASE	
Cheryl Hardin	\$30,163	\$33,521	11%	Equity increase tied to new responsibilities
Mary Nichols	\$18,169	\$21,768	20%	Promotion to Administrative Secretary
Nacira Nevarez	\$16,869	\$18,996	13%	Salary Increase
Per Anderson	\$44,161	\$48,744	10%	Promotion to Director of Advanced Computing - Engineering
Jill Cypert	\$20,424	\$26,364	29%	Reclassification to Coordinator of University Course Inventory
Huey Lee	\$28,978	\$35,100	21%	Promotion to Sr. Bus. Counselor / Technology

PROJECT Activity	Amount	Source of Funds
Assessment of Family and Consumer Sciences Food and Nutrition National Standard	\$160,000	US Dept of Agriculture Challenge Grant #98-38411-6615; CFDA #10.217
TTU McNair Scholars Program	\$201,552	US Dept of Education #P217A50203-98; CFDA #84.217A
Continuum and Particle-Level Modeling of Concentrated Suspension Flows	\$100,000	Dept of Energy/Instrument #DE-FG03-99ER14932
Field Evaluation of NIOSH Lifting Equations	\$183,600	Dept of Health & Human Services/NIOSH/Centers for Disease Control & Prevention R180H03202-03
Advanced Processing Equipment for Microelectronics Research	\$386,000	National Science Foundation #ECS-9871290; CFDA #47.041
Purchase of New 400 MHz Liquid Phase NMR Spectrometer	\$220,100	National Science Foundation CHE-9808436/CFDA#47.049
Northwest Texas SBDC (NWTSBDC)	\$603,349	US Small Business Admin 9-7620-0048-13
Evaluation and Repair of Cable-Stay Vibrations, 1999	\$133,702	TXDoT/Interagency Cooperation Contract; 48-9XXA4016
Growth Factors to Regulate Puberty in Pigs	\$131,194	Eclipse Bioscience, LLC
CAD/CAM Laboratory Project	\$100,000	Private Gifts/Grants/Contracts This is a Master account.
FY99 Community Service Grant	\$340,969	Corporation for Public Broadcasting
Northwest Texas Small Business Development	\$244,691	City of Lubbock This is a Master account.
Lubbock Support SBDC	\$112,654	From 1501-44-6370-Northwest Texas Small Business Development. This is a Sub-account.

	Source of Funds		Expense	Remarks
	Other	Income		
EDUCATIONAL AND GENERAL FUNDS Utilities	941,803		941,803	Budget of utilities ap- propriation carry- forward to energy conservation projects.
Neurosurgery - El Paso	155,051		155,051	Budget of South Texas Border Region Health Professional Education funding to be used for the con- tinued development of the Neurosurgery de- partment.
School of Phar- macy	70,210		70,210	Carry-forward of graduate tuition to enhance the student computer network.
TOTAL EDUCATIONAL AND GENERAL FUNDS	1,167,064		1,167,064	

	Source of Funds		Expense	Remarks
	Other	Income		
MEDICAL PRACTICE INCOME PLAN Research and Development - El Paso	310,713		310,713	Budget of fund bal- ance for the estab- lishment of a Research and Devel- opment department in El Paso.
TOTAL MEDICAL PRACTICE INCOME PLAN	310,713		310,713	

Board Ratification:

Medical Practice Income Plan

- Family Medicine - \$162,509
- Pediatrics - \$129,749

This item is to budget the projected revenue for the Family Medicine and Pediatrics departments that are opening in FY 1999 at the Texas Tech Medical Center – Southwest.

	Source of Funds		Expense	Remarks
	Other	Income		
MEDICAL PRACTICE INCOME PLAN Texas Tech Medical Center Southwest	Family Medicine	162,509	162,509	To establish budgets for the Family
	Pediatrics	129,749	129,749	the Family Medicine and Pediatric Clinics at Texas Tech Medical Center Southwest
	TOTAL MEDICAL PRACTICE INCOME PLAN	292,258	292,258	

**AMENDED AND RESTATED SIXTH SUPPLEMENTAL RESOLUTION
TO THE MASTER RESOLUTION AUTHORIZING THE ISSUANCE,
SALE, AND DELIVERY OF BOARD OF REGENTS OF TEXAS TECH
UNIVERSITY REVENUE FINANCING SYSTEM REFUNDING AND
IMPROVEMENT BONDS, SIXTH SERIES (1999) AND APPROVING
AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING
THERETO**

WHEREAS, on October 21, 1993, the Board of Regents of Texas Tech University (the "Board"), acting separately and independently for and on behalf of Texas Tech University ("TTU") and separately and independently for and on behalf of Texas Tech University Health Sciences Center (the "Health Sciences Center"), which resolution, together with the resolutions adopted November 8, 1996 and on August 22, 1997, is referred to herein as the "Master Resolution"; and

WHEREAS, unless otherwise defined herein, terms used herein shall have the meaning given in the Master Resolution; and

WHEREAS, the Master Resolution establishes the Revenue Financing System comprised of TTU and, to the extent permitted by law (including specifically Section 55.17(e), Texas Education Code), the Health Sciences Center, and pledges the Pledged Revenues to the payment of Parity Obligations to be outstanding under the Master Resolution; and

WHEREAS, the Board heretofore has adopted a **"RESOLUTION AUTHORIZING THE ISSUANCE, SALE, AND DELIVERY OF BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM REFUNDING BONDS, FIRST SERIES (1993) AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO"** (defined as the "First Supplement") and pursuant to the First Supplement to the Master Resolution issued its **"BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM REFUNDING BONDS, FIRST SERIES (1993)"** in the aggregate principal amount of \$46,420,000 as Parity Obligations under the terms of the Master Resolution; and

WHEREAS, the Board heretofore has adopted a **"RESOLUTION AUTHORIZING THE ISSUANCE, SALE, AND DELIVERY OF BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM BONDS, SECOND SERIES (1995) AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO"** (defined as the "Second Supplement") and pursuant to the Second Supplement to the Master Resolution issued its **"BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM BONDS, SECOND SERIES (1995)"** in the aggregate principal amount of \$25,000,000 as Parity Obligations under the terms of the Master Resolution; and

WHEREAS, the Board heretofore has adopted a **"RESOLUTION AUTHORIZING THE ISSUANCE, SALE, AND DELIVERY OF BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM REFUNDING AND IMPROVEMENT BONDS, THIRD SERIES (1996) AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO"** (defined as the "Third Supplement") and pursuant to the Third Supplement to the Master Resolution issued its ***"BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM REFUNDING AND IMPROVEMENT BONDS, THIRD SERIES (1996)"*** in the aggregate principal amount of \$71,285,000 as Parity Obligations under the terms of the Master Resolution; and

WHEREAS, the Board heretofore has adopted a **"RESOLUTION AUTHORIZING THE ISSUANCE, SALE, AND DELIVERY OF BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM BONDS, FOURTH SERIES (TAXABLE 1996) AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO"** (defined as the "Fourth Supplement") and pursuant to the Fourth Supplement to the Master Resolution issued its ***"BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM BONDS, FOURTH SERIES (TAXABLE 1996)"*** in the aggregate principal amount of \$7,380,000 as Parity Obligations under the terms of the Master Resolution; and

WHEREAS, the Board heretofore has adopted a **"FIFTH SUPPLEMENTAL RESOLUTION TO THE MASTER RESOLUTION ESTABLISHING THE REVENUE FINANCING SYSTEM COMMERCIAL PAPER PROGRAM AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO"** (defined as the "Fifth Supplement") and pursuant to the Fifth Supplement to the Master Resolution has the authority to issue at any one time outstanding up to \$100,000,000 in aggregate principal amount of its ***"BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM COMMERCIAL PAPER NOTES, SERIES A"*** as Parity Obligations under the terms of the Master Resolution; and

WHEREAS, the Board reserved the right under the terms of the Master Resolution to issue obligations on a parity with the outstanding Parity Obligations; and

WHEREAS, on March 12, 1998, the Board adopted a **"RESOLUTION AUTHORIZING THE ISSUANCE, SALE, AND DELIVERY OF BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM REFUNDING BONDS, SIXTH SERIES (1998) AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO"**; and

WHEREAS, the bonds authorized to be issued by said resolution were not issued, as the criteria stated in said resolution as a condition for the issuance of such bonds were not satisfied; and

WHEREAS, the Board hereby determines that it is in the best interest of TTU to refund certain of the outstanding Parity Obligations to achieve both a present value savings and an absolute savings to the Revenue Financing System; and

WHEREAS, the bonds authorized to be issued by this Sixth Supplement (the "Bonds") are to be issued and delivered pursuant to Chapter 55, Texas Education Code, Vernon's Ann. Tex. Civ. St. Articles 717k and 717q, and other applicable laws including, without limitation, Section 55.17(e)(4), Texas Education Code.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF REGENTS OF TEXAS TECH UNIVERSITY THAT:

Section 1. **DEFINITIONS.** In addition to the definitions set forth in the preamble of this Sixth Supplement, the terms used in this Sixth Supplement (except in the FORM OF BONDS) and not otherwise defined shall have the meanings given in the Master Resolution or in Exhibit "A" to this Sixth Supplement attached hereto and made a part hereof.

Section 2. **AMOUNT, PURPOSE, AND DESIGNATION OF THE BONDS.** (a) *Maximum Amount Authorized.* The "**BOARD OF REGENTS OF TEXAS TECH UNIVERSITY REVENUE FINANCING SYSTEM REFUNDING AND IMPROVEMENT BONDS, SIXTH SERIES (1999)**", are hereby authorized to be issued and delivered in the aggregate principal amount not to exceed \$____,000,000 **FOR THE PURPOSE OF (i) REFUNDING THE REFUNDED BONDS, (ii) ACQUIRING, PURCHASING, CONSTRUCTING, IMPROVING, RENOVATING, ENLARGING OR EQUIPPING PROPERTY, BUILDINGS, STRUCTURES, FACILITIES, ROADS, OR RELATED INFRASTRUCTURE FOR TTU AND THE HEALTH SCIENCES CENTER, AND (iii) PAYING THE COSTS RELATED THERETO.**

(b) *New Money Authorization.* \$____,000,000 in principal amount of the Bonds authorized for the purposes described in clause (ii) of subsection (a) of this Section are being issued by the Board under authority of Section 55.17(e)(4), Texas Education Code (the "Section 55.17(e)(4) Bonds"). \$____,000,000 in principal amount of the Section 55.17(e)(4) Bonds are being issued by the Board for the benefit of TTU. \$____,000,000 in principal amount of the Section 55.17(e)(4) Bonds are being issued by the Board for the benefit of the Health Sciences Center. ____ of the proceeds of the Section 55.17(e)(4) Bonds that are being issued by the Board for the benefit of the Health Sciences Center are to be used to build and equip a surgical and medical facility in the Midland County Hospital District for a cardiology residency program. The Board heretofore has not issued any bonds under the authority of Section 55.17(e)(4). The balance of the Bonds authorized for the purposes described in clause (ii) of subsection (a) of this Section are being issued by the Board under authority of Chapter 55, Texas Education Code, particularly Section 55.13 thereof. The Deputy Chancellor shall execute such documentation as may be required by the Public Finance Division of the Office of the Attorney General to describe the specific projects for which the Bonds authorized for the purposes described in clause (ii) of subsection (a) of this Section are being issued.

Section 3. DATE, DENOMINATIONS, NUMBERS, MATURITIES AND TERMS OF BONDS. (a) *Terms of Bonds.* Initially there shall be issued, sold, and delivered hereunder fully registered bonds, without interest coupons, numbered consecutively from R-1 upward, payable to the respective initial registered owners thereof, or to the registered assignee or assignees of said bonds or any portion or portions thereof (in each case, the "Registered Owner"), in the denomination of \$5,000 or any integral multiple thereof (an "Authorized Denomination"), maturing not later than February 15, 202_, serially or otherwise on the dates, in the years and in the principal amounts, respectively, and dated, all as set forth in the Bond Purchase Contract relating to the Bonds.

(b) *Underwriters.* Salomon Smith Barney Inc. is hereby designated the senior managing underwriters for the Bonds, and the Pricing Committee is hereby authorized, on behalf of the Board, to negotiate with the senior managing underwriter acting on their behalf and on behalf of the other investment banking firms (as may be approved by the Pricing Committee) named in the Bond Purchase Contract (such firms, together with the co-senior managing underwriters, are hereafter collectively referred to as the "Underwriters") to assure that the Bonds are sold on the most advantageous terms to the Board.

(c) *Bond Purchase Contract.* As authorized by Vernon's Ann. Tex. Civ. St. Article 717q, as amended, the Pricing Committee is hereby authorized, appointed, and designated to act on behalf of the Board in the selling and delivering the Bonds and carrying out the other procedures specified in this Sixth Supplement, including determining and fixing the date of the Bonds, any additional designation or title by which the Bonds shall be known, the price at which the Bonds will be sold, the years in which the Bonds will mature, the principal amount to mature in each of such years, and the aggregate principal amount of the Bonds, the rate or rates of interest to be borne by each such maturity, the interest payment periods, the dates, price, and terms upon and at which the Bonds shall be subject to redemption prior to maturity at the option of the Issuer, as well as any mandatory sinking fund redemption provisions, and all other matters relating to the issuance, sale, and delivery of the Bonds, and the refunding of the Refunded Bonds, including, without limitation, the use of municipal bond insurance for the Bonds, all of which shall be specified in the Bond Purchase Contract. In establishing the aggregate principal amount of the Bonds, the Pricing Committee shall establish an amount not to exceed the amount authorized in Section 2 hereof, which amount shall be sufficient to provide, *inter alia*, for (i) the refunding of the maximum amount of the callable Second Series Bonds and callable Refundable Third Series Bonds in a manner that will result in a target present value savings for the transaction of at least two percent (2%) of the Refunded Bonds being achieved, and (ii) a minimum present value debt service savings to the Board of \$400,000. No maturity of either the Second Series Bonds or the Refundable Third Series Bonds shall be selected for refunding unless the refunding of all bonds of such maturity results in at least one dollar of present value savings to the Board, consistent with the criteria established in the preceding sentence. In connection therewith, the Deputy Chancellor shall execute such documentation as may be required by the Public Finance Division of the Office of the Attorney General to establish that the Second Series Bonds or the Refundable Third Series Bonds not selected for refunding would have caused the savings threshold hereinabove established not to have been satisfied. Upon the approval of a Bond Purchase Contract by the Pricing Committee, the Deputy Chancellor, acting for and on behalf of

the Board, is authorized to enter into with the Underwriters and carry out a Bond Purchase Contract for the Bonds, at such price and subject to such terms as are set forth therein. The Bond Purchase Contract shall be substantially in the form and substance approved by the Pricing Committee, provided that the price to be paid for the Bonds shall not be less than 95% of the aggregate principal amount thereof, and none of the Bonds shall bear interest at a rate greater than 10% per annum. It is further provided, however, that, notwithstanding the foregoing provisions, the Bonds shall not be delivered unless (i) prior to the execution of the Bond Purchase Contract, the approval of the issuance of the Bonds by the Texas Bond Review Board has been received and (ii) prior to their delivery, the Bonds have been rated by a nationally recognized rating agency for municipal securities in one of the four highest rating categories for long term obligations, as required by Vernon's Ann. Tex. Civ. St. Article 717q, as amended. The authority hereby granted by the Board to the Pricing Committee expires at 5:00 p.m., Wednesday, May 28, 1999.

(d) *In General.* The Bonds (i) may and shall be redeemed prior to the respective scheduled maturity dates, (ii) may be assigned and transferred, (iii) may be exchanged for other Bonds, (iv) shall have the characteristics, and (v) shall be signed and sealed, and the principal of and interest on the Bonds shall be payable, all as provided, and in the manner required or indicated, in the FORM OF BONDS set forth in Exhibit B to this Sixth Supplement and as determined by the Board Representative as provided herein, with such changes and additions as are required to meet the terms of the Bond Purchase Contract with respect to the Bonds.

Section 4. **INTEREST.** The Bonds shall bear interest calculated on the basis of a 360-day year composed of twelve 30-day months from the dates specified in the FORM OF BONDS and in the Bond Purchase Contract to their respective dates of maturity at the rates set forth in the Bond Purchase Contract.

Section 5. **REGISTRATION, TRANSFER, AND EXCHANGE; AUTHENTICATION; BOOK-ENTRY ONLY SYSTEM.** (a) *Paying Agent/Registrar.* Bank One, Texas, N.A. is hereby appointed to act as the Paying Agent/Registrar for the Bonds. The Board Representative is authorized to enter into and carry out a Paying Agent/Registrar Agreement with the Paying Agent/Registrar with respect to the Bonds.

(b) *Registration Books.* The Issuer shall keep or cause to be kept at the corporate trust office of the Paying Agent/Registrar designated in the Paying Agent/Registrar Agreement (the "Designated Trust Office") books or records for the registration of the transfer, exchange, and replacement of the Bonds (the "Registration Books"), and the Issuer hereby appoints the Paying Agent/Registrar as its registrar and transfer agent to keep such books or records and make such registrations of transfers, exchanges, and replacements under such reasonable regulations as the Issuer and Paying Agent/Registrar may prescribe; and the Paying Agent/Registrar shall make such registrations, transfers, exchanges, and replacements as herein provided. The Paying Agent/Registrar shall obtain and record in the Registration Books the address of the registered owner of each Bond to which payments with respect to the Bonds shall be mailed, as herein provided; but it shall be the duty of each registered owner to notify the Paying Agent/Registrar in writing of the address to which payments shall be mailed, and such interest payments shall not be

mailed unless such notice has been given. The Issuer shall have the right to inspect the Registration Books at the Designated Trust Office of the Paying Agent/Registrar during regular business hours, but otherwise the Paying Agent/Registrar shall keep the Registration Books confidential and, unless otherwise required by law, shall not permit their inspection by any other entity.

(c) **Ownership of Bonds.** The entity in whose name any Bond shall be registered in the Registration Books at any time shall be deemed and treated as the absolute owner thereof for all purposes of this Sixth Supplement, whether or not such Bond shall be overdue, and, to the extent permitted by law, the Issuer and the Paying Agent/Registrar shall not be affected by any notice to the contrary; and payment of, or on account of, the principal of, premium, if any, and interest on any such Bond shall be made only to such registered owner. All such payments shall be valid and effectual to satisfy and discharge the liability upon such Bond to the extent of the sum or sums so paid.

(d) **Payment of Bonds and Interest.** The Paying Agent/Registrar shall further act as the paying agent for paying the principal of, premium, if any, and interest on the Bonds, all as provided in this Sixth Supplement. The Paying Agent/ Registrar shall keep proper records of all payments made by the Issuer and the Paying Agent/Registrar with respect to the Bonds.

(e) **Authentication.** The Bonds initially issued and delivered pursuant to this Sixth Supplement shall be authenticated by the Paying Agent/Registrar by execution of the Paying Agent/Registrar's Authentication Certificate unless they have been approved by the Attorney General of the State of Texas and registered by the Comptroller of Public Accounts of the State of Texas, and on each substitute Bond issued in exchange for any Bond or Bonds issued under this Sixth Supplement the Paying Agent/Registrar shall execute the PAYING AGENT/REGISTRAR'S AUTHENTICATION CERTIFICATE (the "Authentication Certificate"). The Authentication Certificate shall be in the form set forth in the FORM OF BONDS.

(f) **Transfer, Exchange, or Replacement.** Each Bond issued and delivered pursuant to this Sixth Supplement, to the extent of the unpaid or unredeemed principal amount thereof, may, upon surrender of such Bond at the Designated Trust Office of the Paying Agent/Registrar, together with a written request therefor duly executed by the registered owner or the assignee or assignees thereof, or its or their duly authorized attorneys or representatives, with guarantee of signatures satisfactory to the Paying Agent/Registrar, may, at the option of the registered owner or such assignee or assignees, as appropriate, be exchanged for fully registered bonds, without interest coupons, in the appropriate form prescribed in the FORM OF BONDS set forth in this Sixth Supplement, in any Authorized Denomination (subject to the requirement hereinafter stated that each substitute Bond shall be of the same series and have a single stated maturity date), as requested in writing by such registered owner or such assignee or assignees, in an aggregate principal amount equal to the unpaid or unredeemed principal amount of any Bond or Bonds so surrendered, and payable to the appropriate registered owner, assignee, or assignees, as the case may be. If a portion of any Bond shall be redeemed prior to its scheduled maturity as provided herein, a substitute Bond or Bonds having the same series designation and maturity date, bearing

interest at the same rate, and payable in the same manner, in Authorized Denominations at the request of the registered owner, and in aggregate principal amount equal to the unredeemed portion thereof, will be issued to the registered owner upon surrender thereof for cancellation. If any Bond or portion thereof is assigned and transferred, each Bond issued in exchange therefor shall have the same series designation and maturity date and bear interest at the same rate and payable in the same manner as the Bond for which it is being exchanged. Each substitute Bond shall bear a letter and/or number to distinguish it from each other Bond. The Paying Agent/Registrar shall exchange or replace Bonds as provided herein, and each fully registered bond delivered in exchange for or replacement of any Bond or portion thereof as permitted or required by any provision of this Sixth Supplement shall constitute one of the Bonds for all purposes of this Sixth Supplement, and may again be exchanged or replaced. On each substitute Bond issued in exchange for or replacement of any Bond or Bonds issued under this Sixth Supplement there shall be printed an Authentication Certificate, in the form set forth in Exhibit B to this Sixth Supplement. An authorized representative of the Paying Agent/Registrar shall, before the delivery of any such Bond, date and manually sign the Authentication Certificate, and, except as provided in (e) above, no such Bond shall be deemed to be issued or outstanding unless the Authentication Certificate is so executed. The Paying Agent/Registrar promptly shall cancel all Bonds surrendered for transfer, exchange, or replacement. No additional orders or resolutions need be passed or adopted by the Issuer or any other body or person so as to accomplish the foregoing transfer, exchange, or replacement of any Bond or portion thereof, and the Paying Agent/Registrar shall provide for the printing, execution, and delivery of the substitute Bonds in the manner prescribed herein, and said Bonds shall be in typed or printed form as determined by the Board Representative. Pursuant to Vernon's Ann. Tex. Civ. St. Art. 717k-6, and particularly Section 6 thereof, the duty of transfer, exchange, or replacement of Bonds as aforesaid is hereby imposed upon the Paying Agent/Registrar, and, upon the execution of the Authentication Certificate, the exchanged or replaced Bond shall be valid, incontestable, and enforceable in the same manner and with the same effect as the Bonds which were originally issued pursuant to this Sixth Supplement. The Issuer shall pay the Paying Agent/Registrar's standard or customary fees and charges, if any, for transferring, and exchanging any Bond or any portion thereof, but the one requesting any such transfer and exchange shall pay any taxes or governmental charges required to be paid with respect thereto as a condition precedent to the exercise of such privilege. The Paying Agent/Registrar shall not be required to make any such transfer, exchange, or replacement of Bonds or any portion thereof (i) during the period commencing with the close of business on any Record Date and ending with the opening of business on the next following interest payment date, or, (ii) with respect to any Bond or portion thereof called for redemption prior to maturity, within 45 days prior to its redemption date. To the extent possible, any new Bond issued in an exchange, replacement, or transfer of a Bond will be delivered to the registered owner or assignee of the registered owner not more than three business days after the receipt of the Bonds to be cancelled and the written request as described above.

(g) *Substitute Paying Agent/Registrar.* The Issuer covenants with the registered owners of the Bonds that at all times while the Bonds are outstanding the Issuer will provide a competent and legally qualified bank, trust company, financial institution, or other agency to act as and perform the services of Paying Agent/Registrar for the Bonds under this Sixth Supplement, and that the Paying Agent/Registrar will be one entity. The Issuer reserves the right to, and may, at

its option, change the Paying Agent/Registrar upon not less than 120 days written notice to the Paying Agent/Registrar, to be effective not later than 60 days prior to the next principal or interest payment date after such notice. In the event that the entity at any time acting as Paying Agent/Registrar (or its successor by merger, acquisition, or other method) should resign or otherwise cease to act as such, the Issuer covenants that promptly it will appoint a competent and legally qualified bank, trust company, financial institution, or other agency to act as Paying Agent/Registrar under this Sixth Supplement. Upon any change in the Paying Agent/Registrar, the previous Paying Agent/Registrar promptly shall transfer and deliver the Registration Books (or a copy thereof), along with all other pertinent books and records relating to the Bonds, to the new Paying Agent/Registrar designated and appointed by the Issuer. Upon any change in the Paying Agent/Registrar, the Issuer promptly will cause a written notice thereof to be sent by the new Paying Agent/Registrar to each registered owner of the Bonds, by United States mail, first-class postage prepaid, which notice also shall give the address of the new Paying Agent/Registrar. By accepting the position and performing as such, each Paying Agent/Registrar shall be deemed to have agreed to the provisions of this Sixth Supplement, and a certified copy of this Sixth Supplement shall be delivered to each Paying Agent/Registrar.

(h) *Book-Entry Only System.* The Bonds issued in exchange for the Bonds initially issued and delivered to the Underwriters shall be issued in the form of a separate single fully registered Bond for each of the maturities thereof registered in the name of Cede & Co., as nominee of The Depository Trust Company, New York, New York ("DTC"), and except as provided in subsection (i) hereof, all of the Outstanding Bonds shall be registered in the name of Cede & Co., as nominee of DTC. A Board Representative may, to the extent necessary, execute a "DTC Letter of Representations" in connection with utilizing the DTC Book-Entry Only System.

With respect to Bonds registered in the name of Cede & Co., as nominee of DTC, the Board and the Paying Agent/Registrar shall have no responsibility or obligation to any DTC Participant or to any person on behalf of whom such a DTC Participant holds an interest on the Bonds. Without limiting the immediately preceding sentence, the Board and the Paying Agent/Registrar shall have no responsibility or obligation with respect to (i) the accuracy of the records of DTC, Cede & Co. or any DTC Participant with respect to any ownership interest in the Bonds, (ii) the delivery to any DTC Participant or any other person, other than a Bondholder, as shown on the Registration Books, of any notice with respect to the Bonds, including any notice of redemption, or (iii) the payment to any DTC Participant or any other person, other than a Bondholder, as shown in the Registration Books of any amount with respect to principal of, premium, if any, or interest on the Bonds. Notwithstanding any other provision of this Sixth Supplement to the contrary but to the extent permitted by law, the Board and the Paying Agent/Registrar shall be entitled to treat and consider the person in whose name each Bond is registered in the Registration Books as the absolute owner of such Bond for the purpose of payment of principal, premium, if any, and interest, with respect to such Bond, for the purpose of giving notices of redemption and other matters with respect to such Bond, for the purpose of registering transfers with respect to such Bond, and for all other purposes whatsoever. The Paying Agent/Registrar shall pay all principal of, premium, if any, and interest on the Bonds only to or upon the order of the respective owners, as shown in the Registration Books as provided in

this Sixth Supplement, or their respective attorneys duly authorized in writing, and all such payments shall be valid and effective to fully satisfy and discharge the Board's obligations with respect to payment of principal of, premium, if any, and interest on the Bonds to the extent of the sum or sums so paid. No person other than an owner, as shown in the Registration Books, shall receive a Bond certificate evidencing the obligation of the Board to make payments of principal, premium, if any, and interest pursuant to this Sixth Supplement. Upon delivery by DTC to the Paying Agent/Registrar of written notice to the effect that DTC has determined to substitute a new nominee in place of Cede & Co., and subject to the provisions in this Sixth Supplement with respect to interest checks being mailed to the registered owner at the close of business on the Record Date, the word "Cede & Co." in this Sixth Supplement shall refer to such new nominee of DTC.

(i) *Successor Securities Depository; Transfers Outside Book-Entry Only System.* In the event that the Board or the Paying Agent/Registrar determines that DTC is incapable of discharging its responsibilities described herein and in the representation letter of the Board to DTC (as described in Section 20 of this Sixth Supplement) or DTC determines to discontinue providing its services with respect to the Bonds, the Board shall (i) appoint a successor securities depository, qualified to act as such under Section 17(a) of the Securities and Exchange Act of 1934, as amended, notify DTC and DTC Participants of the appointment of such successor securities depository and transfer one or more separate Bonds to such successor securities depository or (ii) notify DTC and DTC Participants of the availability through DTC of Bonds and transfer one or more separate Bonds to DTC Participants having Bonds credited to their DTC accounts. In such event, the Bonds shall no longer be restricted to being registered in the Registration Books in the name of Cede & Co., as nominee of DTC, but may be registered in the name of the successor securities depository, or its nominee, or in whatever name or names Bondholders transferring or exchanging Bonds shall designate, in accordance with the provisions of this Sixth Supplement.

(j) *Payments to Cede & Co.* Notwithstanding any other provision of this Sixth Supplement to the contrary, so long as any Bond is registered in the name of Cede & Co., as nominee of DTC, all payments with respect to principal of, premium, if any, and interest on such Bond and all notices with respect to such Bond shall be made and given, respectively, in the manner provided in the representation letter of the Board to DTC.

(k) *Notice of Redemption.* In addition to the method of providing a notice of redemption set forth in the FORM OF BONDS, the Paying Agent/Registrar shall give notice of redemption of Bonds by mail, first-class postage prepaid at least thirty (30) days prior to a redemption date to each registered securities depository and to any national information service that disseminates redemption notices. In addition, in the event of a redemption caused by an advance refunding of the Bonds, the Paying Agent/Registrar shall send a second notice of redemption to the persons specified in the immediately preceding sentence at least thirty (30) days but not more than ninety (90) days prior to the actual redemption date. Any notice sent to the registered securities depositories or such national information services shall be sent so that they are received at least two (2) days prior to the general mailing or publication date of such notice. The Paying

such amendment will not materially impair the interest of the registered owners and beneficial owners of the Bonds. If the Board so amends the provisions of this Section, it shall include with any amended financial information or operating data next provided in accordance with subsection (a) of this Section an explanation, in narrative form, of the reason for the amendment and of the impact of any change in the type of financial information or operating data so provided. The Board may also amend or repeal the provisions of this continuing disclosure agreement if the SEC amends or repeals the applicable provision of the Rule or a court of final jurisdiction enters judgment that such provisions of the Rule are invalid, but only if and to the extent that the provisions of this sentence would not prevent an underwriter from lawfully purchasing or selling Bonds in the primary offering of the Bonds.

Section 20. **ESCROW AGREEMENT.** Concurrently with the delivery of the Bonds the Board Representative shall cause to be deposited with the Escrow Agent an amount, from available moneys including the proceeds from the sale of the Bonds, sufficient to provide for the refunding of the Refunded Bonds in accordance with Section 7A of Vernon's Ann. Tex. Civ. St. Article 717k, as amended. The Board Representative is hereby authorized, for and on behalf of the Issuer, to execute the Escrow Agreement to accomplish such purposes, in substantially the form and substance submitted to the Board at the meeting at which this Sixth Supplement is adopted. It is specifically found and determined that it is advisable to refund the Refunded Bonds in order to achieve the level of savings described in Section 2(c) of this Resolution.

Section 21. **REDEMPTION OF REFUNDED BONDS.** The Deputy Chancellor is hereby authorized to take such actions, consistent with the resolutions authorizing the issuance of the Refunded Bonds, that may be required to redeem prior to their scheduled maturities any of the Refunded Bonds. It is hereby declared that upon the execution of the Bond Purchase Contract, the Board Representative may implement, on behalf of the Board, the redemption of any of the Refunded Bonds so designated in the Bond Purchase Contract, and that the redemption date for any of the Refunded Bonds shall be the first available call date provided for in the proceedings authorizing any such Refunded Bonds.

Section 22. **ALLOCATION OF, AND LIMITATION ON, EXPENDITURES FROM BOND PROCEEDS.** The Board covenants to account for on its books and records the expenditure of proceeds from the sale of the Bonds and any investment earnings thereon to be used for the financing of the improvements to TTU and the Health Sciences Center as described in Section 2 hereof (referred to herein and Section 23 hereof as a "Project") by allocating proceeds to expenditures within 18 months of the later of the date that (a) the expenditure on a Project is made or (b) each such Project is completed or, with respect to projects financed with the proceeds of the Refunded Bonds, within 18 months of the date that the project financed through the issuance of the Refunded Bonds is completed. The foregoing notwithstanding, the Board shall not expend such proceeds or investment earnings more than 60 days after the earlier of (a) the fifth anniversary of the date of delivery of the Bonds or (b) the date the Bonds are retired, unless the Board obtains an opinion of nationally-recognized bond counsel substantially to the effect that such expenditure will not adversely affect the tax-exempt status of the Bonds.

Section 23. **DISPOSITION OF PROJECT.** The Board covenants that the property constituting a Project will not be sold or otherwise disposed in a transaction resulting in the receipt by the Board of cash or other compensation, unless the Board obtains an opinion of nationally-recognized bond counsel substantially to the effect that such sale or other disposition will not adversely affect the tax-exempt status of the Bonds. For purposes of this Section, the portion of the property comprising personal property and disposed of in the ordinary course of business shall not be treated as a transaction resulting in the receipt of cash or other compensation. For purposes of this Section, the Board shall not be obligated to comply with this covenant if it obtains an opinion of nationally-recognized bond counsel to the effect that such failure to comply will not adversely affect the excludability for federal income tax purposes from gross income of the interest.

Section 24. **REPEAL OF CONFLICTING RESOLUTIONS.** All resolutions and all parts of any resolutions (other than the Master Resolution) which are in conflict or inconsistent with this Sixth Supplement are hereby repealed and shall be of no further force or effect to the extent of such conflict or inconsistency. This Sixth Supplement amends and restates the resolution adopted by the Board on March 12, 1998, and the resolution adopted by the Board on such date is of no force or effect.

Section 25. **PUBLIC NOTICE.** It is hereby found and determined that each of the officers and members of the Board was duly and sufficiently notified officially and personally, in advance, of the time, place, and purpose of the Meeting at which this Sixth Supplement was adopted; that this Sixth Supplement would be introduced and considered for adoption at said meeting; and that said meeting was open to the public, and public notice of the time, place, and purpose of said meeting was given, all as required by Chapter 551, Texas Government Code.

EXHIBIT A

DEFINITIONS

As used in this Sixth Supplement the following terms and expressions shall have the meanings set forth below, unless the text hereof specifically indicates otherwise:

The term "*Acts*" shall mean, collectively, Articles 717k and 717q, V.A.T.C.S., as amended, and Chapter 55, Texas Education Code, as amended, including specifically, but not by way of limitation, Section 55.17(e)(4) thereof.

The term "*Authorized Denominations*" shall mean Authorized Denominations as defined in Section 2 of this Sixth Supplement.

The term "*Board Representative*" shall mean the Chancellor of TTU and the Health Sciences Center, the Deputy Chancellor of TTU and the Health Sciences Center, the Assistant Vice Chancellor for Investments, the Vice President for Fiscal Affairs of TTU, the Vice President for Fiscal Affairs of the Health Sciences Center, or such other official of TTU or the Health Sciences Center appointed by the Board to carry out the functions of the Board specified herein.

The term "*Bond Purchase Contract*" shall mean the bond purchase agreement between the Board and the Underwriters pertaining to the purchase of the Sixth Series Bonds by the Underwriters.

The term "*Bonds*" shall mean the Sixth Series Bonds, and all substitute bonds exchanged therefor, and all other substitute and replacement bonds issued pursuant to this Sixth Supplement; and the term "Bond" means any of the Bonds.

The term "*Business Day*" shall mean any day which is not a Saturday, Sunday, legal holiday, or a day on which banking institutions in The City of New York, New York or in the city where the Designated Trust Office of the Paying Agent/Registrar is located are authorized by law or executive order to close.

The term "*Code*" means the Internal Revenue Code of 1986, as amended.

The term "*Commercial Paper Notes*" shall mean the Board of Regents of Texas Tech University Revenue Financing System Commercial Paper Notes, Series A, issued pursuant to the provisions of the Master Resolution and the Fifth Supplement.

The term "*Designated Trust Office*" shall have the meaning ascribed to said term in Section 5(b) of this Sixth Supplement.

The term "*DTC*" shall mean The Depository Trust Company, New York, New York, or any successor securities depository.

The term "*DTC Participant*" shall mean securities brokers and dealers, banks, trust companies, clearing corporations, and certain other organizations on whose behalf DTC was created to hold securities to facilitate the clearance and settlement of securities transactions among DTC Participants.

The term "*Escrow Agent*" shall mean the banking institution selected by the Pricing Committee consistent with the legal requirements set forth in Article 717k, Texas Revised Civil Statutes.

The term "*Escrow Agreement*" shall mean the Escrow Agreement between the Board and the Escrow Agent, dated as of date of the Bond Purchase Contract, and executed for the benefit of the owners and holders of the Refunded Bonds.

The term "*Fourth Series Bonds*" shall mean the Board of Regents of Texas Tech University Revenue Financing System Bonds, Fourth Series (Taxable 1996) authorized by the Fourth Supplement.

The term "*Fourth Supplement*" shall mean the resolution adopted by the Board on November 8, 1996, authorizing the Fourth Series Bonds.

The term "*Fifth Supplement*" shall mean the resolution adopted by the Board on November 7, 1997, authorizing the Commercial Paper Notes.

The term "*First Series Bonds*" shall mean the Board of Regents of Texas Tech University Revenue Financing System Refunding Bonds, First Series (1993) authorized by the First Supplement.

The term "*First Supplement*" shall mean the resolution adopted by the Board on October 21, 1993, authorizing the First Series Bonds.

The term "*Fourth Series Bonds*" shall mean the Board of Regents of Texas Tech University Revenue Financing System Bonds, Fourth Series (Taxable 1996) authorized by the Fourth Supplement.

The term "*Fourth Supplement*" shall mean the resolution adopted by the Board on November 8, 1996, authorizing the Fourth Series Bonds.

The term "*Issuance Date*" shall mean the date of delivery the Bonds to the Underwriters against payment therefor.

The term "*Master Resolution*" shall mean the Master Resolution Establishing The Revenue Financing System under the Authority and Responsibility of the Board of Regents of Texas Tech University, adopted by the Board on October 21, 1993, as amended on November 8, 1996 and on August 22, 1997.

The term "*Maturity*" shall mean the date on which the principal of a Bond becomes due and payable as therein and herein provided, whether at Stated Maturity, by redemption, declaration of acceleration, or otherwise.

The term "*MSRB*" shall mean the Municipal Securities Rulemaking Board.

The term "*NRMSIR*" shall mean each person whom the SEC or its staff has determined to be a nationally recognized municipal securities information repository within the meaning of the Rule from time to time.

The term "*Parity Obligations*" shall mean, collectively, the First Series Bonds, the Second Series Bonds, the Third Series Bonds, the Fourth Series Bonds, the Commercial Paper Notes and the Sixth Series Bonds.

The terms "*Paying Agent/Registrar*," "*Paying Agent*" or "*Registrar*" shall mean the agent appointed pursuant to Section 5 of this Sixth Supplement, or any successor to such agent.

The term "*Pricing Committee*" shall mean the current Chair of the Board of Regents' finance committee (Regent Alan B. White), the current Deputy Chancellor (Jim Crowson) and _____.

The term "*Record Date*" shall mean, with respect to the Bonds, the last business day of each month preceding an interest payment date.

The term "*Refundable Third Series Bonds*" shall mean those Third Series Bonds authorized by the Third Supplement that are allocable to the new money portion of the Third Series Bonds so issued.

The term "*Refunded Bonds*" shall mean those Second Series Bonds and Refundable Third Series Bonds identified in the Bond Purchase Contract as being refunded through the issuance of the Sixth Series Bonds, selected in accordance with the parameters set forth in Section 2(c) of this Sixth Supplement.

The term "*Registration Books*" shall mean the books or records relating to the registration, payment, and transfer or exchange of the Bonds maintained by the Paying Agent/Registrar pursuant to Section 5 of this Sixth Supplement.

The term "*Regulations*" shall mean all applicable temporary, proposed and final regulations and procedures promulgated under the Code or promulgated under the Internal Revenue Code of 1954, to the extent applicable to the Code.

The term "*Rule*" shall mean SEC Rule 15c2-12, as amended from time to time.

The term "*SEC*" shall mean the United States Securities and Exchange Commission.

to the registered owner hereof upon presentation and surrender of this Bond at maturity or upon the date fixed for its redemption prior to maturity, at the corporate trust office of Bank One, Texas, N.A., in Dallas, Texas (the "Designated Trust Office"), which is the "Paying Agent/Registrar" for this Bond. The payment of interest on this Bond shall be made by the Paying Agent/Registrar to the registered owner hereof on each interest payment date by check, dated as of such interest payment date, and such check shall be sent by the Paying Agent/Registrar by United States mail, first-class postage prepaid, on each such interest payment date, to the registered owner hereof, at the address of the registered owner, as it appeared on the last business day of the month next preceding each such date (the "Record Date") on the Registration Books kept by the Paying Agent/Registrar, as hereinafter described; provided, that upon the written request of any owner of not less than \$1,000,000 in principal amount of Bonds provided to the Paying Agent/Registrar not later than the Record Date immediately preceding an interest payment date, interest due on such Bonds on such interest payment date shall be made by wire transfer to any designated account within the United States of America. In addition, interest may be paid by such other method acceptable to the Paying Agent/Registrar, requested by, and at the risk and expense of, the registered owner hereof. Any accrued interest due upon the redemption of this Bond prior to maturity as provided herein shall be paid to the registered owner upon presentation and surrender of this Bond for redemption and payment at the Designated Trust Office of the Paying Agent/Registrar. The Issuer covenants with the registered owner of this Bond that on or before each principal payment date and interest payment date for this Bond it will make available to the Paying Agent/Registrar, the amounts required to provide for the payment, in immediately available funds, of all principal of and interest on the Bonds, when due. Notwithstanding the foregoing, during any period in which ownership of the Bonds is determined by a book entry at a securities depository for the Bonds, payments made to the securities depository, or its nominee, shall be made in accordance with arrangements between the Issuer and the securities depository. Terms used herein and not otherwise defined have the meaning given in the Bond Resolution (hereinafter defined).

THIS BOND is one of a series of bonds authorized in the aggregate principal amount of \$_____ pursuant to a Sixth Supplemental Resolution to the Master Resolution adopted February __, 1999, and pursuant to the Master Resolution referred therein (collectively, the "Bond Resolution") ***FOR THE PURPOSE OF (i) REFUNDING THE REFUNDED BONDS, AS DEFINED IN THE BOND RESOLUTION, (ii) ACQUIRING, PURCHASING, CONSTRUCTING, IMPROVING, RENOVATING, ENLARGING OR EQUIPPING PROPERTY, BUILDINGS, STRUCTURES, FACILITIES, ROADS, OR RELATED INFRASTRUCTURE FOR TTU AND THE HEALTH SCIENCES CENTER, AND (iii) PAYING THE COSTS RELATED THERETO.***

ON _____ 15, 20__, or on any date thereafter, the Bonds of this series scheduled to mature on and after _____ 15, 20__ may be redeemed prior to their scheduled maturities, at the option of the Issuer, with funds derived from any available and lawful source, as a whole, or in part, and, if in part, the particular Bonds, or portion thereof, to be redeemed shall be selected and designated by the Issuer (provided that a portion of a Bond may be redeemed only in an integral multiple of \$5,000), at a redemption price equal to the par value thereof and accrued interest to the date fixed for redemption; provided that during any period in which ownership of the Bonds is determined by a book entry at a securities depository for the Bonds, if fewer than all of the Bonds of the same maturity and bearing the same interest rate are to be redeemed, the particular Bonds

of such maturity and bearing such interest rate shall be selected in accordance with the arrangements between the Issuer and the securities depository.

BONDS MATURING _____ 15, 20__ are "Term Bonds" and are subject to mandatory redemption at a price equal to the principal amount to be so redeemed and accrued and unpaid interest to the date of redemption, to-wit:

Said Bonds shall be redeemed in part by lot prior to maturity annually on _____ 15 in each of the years 20__ and 20__, and in the amounts designated below, to-wit:

Years

Amounts

* Maturity

BONDS MATURING _____ 15, 20__ are "Term Bonds" and are subject to mandatory redemption at a price equal to the principal amount to be so redeemed and accrued and unpaid interest to the date of redemption, to-wit:

Said Bonds shall be redeemed in part by lot prior to maturity annually on _____ in each of the years 20__ and 20__, and in the amounts designated below, to-wit:

Years

Amounts

* Maturity

THE ISSUER shall redeem Term Bonds by lot, or purchase in the open market Bonds of the same maturity. The Board shall effect the retirement of the Term Bonds required to be retired by mandatory redemption, by either redemption in accordance herewith or prior purchase for cancellation in the open market at a price not exceeding the redemption price. To the extent that Term Bonds have been previously purchased for cancellation or redeemed other than pursuant to a sinking fund redemption payment, each sinking fund payment amount for such Term Bonds shall be reduced, to the extent practicable, by the amount obtained by multiplying the principal amount of such Term Bonds so purchased or redeemed by the ratio which each remaining sinking fund payment amount of such maturity bears to the total remaining sinking fund payment amounts of such maturity, and by rounding each such sinking fund payment amount to the nearest \$5,000 integral multiple. On the maturity date of any Term Bonds, the Board shall effect the payment of the principal of maturing Term Bonds. The foregoing notwithstanding, during any period in which ownership of the Bonds is determined only by a book entry at a securities depository for the Bonds, the particular Bonds to be so redeemed shall be selected in accordance with the arrangements between the Board and the securities depository.

AT LEAST 30 days prior to the date fixed for any redemption of Bonds or portions thereof prior to maturity a written notice of such redemption shall be published once in a financial publication, journal, or report of general circulation among securities dealers in The City of New York, New York (including, but not limited to, The Bond Buyer and The Wall Street Journal), or in the State of Texas (including, but not limited to, The Texas Bond Reporter). Such notice also

shall be sent by the Paying Agent/Registrar by United States mail, first-class postage prepaid, not less than 30 days prior to the date fixed for any such redemption, to the registered owner of each Bond to be redeemed at its address as it appeared on the 45th day prior to such redemption date; provided, however, that the failure to send, mail, or receive such notice, or any defect therein or in the sending or mailing thereof, shall not affect the validity or effectiveness of the proceedings for the redemption of any Bond, and it is hereby specifically provided that the publication of such notice as required above shall be the only notice actually required in connection with or as a prerequisite to the redemption of any Bonds or portions thereof. By the date fixed for any such redemption due provision shall be made with the Paying Agent/Registrar for the payment of the required redemption price for the Bonds or portions thereof which are to be so redeemed. If such written notice of redemption is published and if due provision for such payment is made, all as provided above, the Bonds or portions thereof which are to be so redeemed thereby automatically shall be treated as redeemed prior to their scheduled maturities, and they shall not bear interest after the date fixed for redemption, and they shall not be regarded as being outstanding except for the right of the registered owner to receive the redemption price from the Paying Agent/Registrar out of the funds provided for such payment. If a portion of any Bond shall be redeemed, a substitute Bond or Bonds having the same maturity date, bearing interest at the same rate, payable in the same manner, in any authorized denomination at the written request of the registered owner, and in aggregate principal amount equal to the unredeemed portion thereof, will be issued to the registered owner upon the surrender thereof for cancellation, at the expense of the Issuer, all as provided in the Bond Resolution.

IF THE DATE for the payment of the principal of or interest on this Bond shall be a Saturday, Sunday, a legal holiday, or a day on which banking institutions in The City of New York, New York, or in the city where the principal corporate trust office of the Paying Agent/Registrar is located are authorized by law or executive order to close, then the date for such payment shall be the next succeeding day which is not such a Saturday, Sunday, legal holiday, or day on which banking institutions are authorized to close; and payment on such date shall have the same force and effect as if made on the original date payment was due.

THIS BOND OR ANY PORTION OR PORTIONS HEREOF IN ANY AUTHORIZED DENOMINATION may be assigned and shall be transferred only in the Registration Books of the Issuer kept by the Paying Agent/Registrar acting in the capacity of registrar for the Bonds, upon the terms and conditions set forth in the Bond Resolution. Among other requirements for such assignment and transfer, this Bond must be presented and surrendered to the Paying Agent/Registrar, together with proper instruments of assignment, in form and with guarantee of signatures satisfactory to the Paying Agent/Registrar, evidencing assignment of this Bond or any portion or portions hereof in any authorized denomination to the assignee or assignees in whose name or names this Bond or any such portion or portions hereof is or are to be transferred and registered. The form of Assignment printed or endorsed on this Bond shall be executed by the registered owner or its duly authorized attorney or representative, to evidence the assignment hereof. A new Bond or Bonds payable to such assignee or assignees (which then will be the new registered owner or owners of such new Bond or Bonds), or to the previous registered owner in the case of the assignment and transfer of only a portion of this Bond, may be delivered by the Paying Agent/Registrar in exchange for this Bond, all in the form and manner as provided in the next paragraph hereof for the exchange of other Bonds. The Issuer shall pay the Paying Agent/Registrar's fees and charges, if any, for making such transfer or exchange as provided

below, but the one requesting such transfer or exchange shall pay any taxes or other governmental charges required to be paid with respect thereto. The Paying Agent/Registrar shall not be required to make transfers of registration or exchange of this Bond or any portion hereof (i) during the period commencing with the close of business on any Record Date and ending with the opening of business on the next following principal or interest payment date, or, (ii) with respect to any Bond or any portion thereof called for redemption prior to maturity, within 45 days prior to its redemption date. The registered owner of this Bond shall be deemed and treated by the Issuer and the Paying Agent/Registrar as the absolute owner hereof for all purposes, including payment and discharge of liability upon this Bond to the extent of such payment, and, to the extent permitted by law, the Issuer and the Paying Agent/Registrar shall not be affected by any notice to the contrary.

ALL BONDS OF THIS SERIES are issuable solely as fully registered bonds, without interest coupons in the denomination of any integral multiple of \$5,000. As provided in the Bond Resolution, this Bond, or any unredeemed portion hereof, may, at the request of the registered owner or the assignee or assignees hereof, be exchanged for a like aggregate principal amount of fully registered bonds, without interest coupons, payable to the appropriate registered owner, assignee, or assignees, as the case may be, having the same maturity date, in the same form, and bearing interest at the same rate, in any Authorized Denomination as requested in writing by the appropriate registered owner, assignee, or assignees, as the case may be, upon surrender of this Bond to the Paying Agent/Registrar for cancellation, all in accordance with the form and procedures set forth in the Bond Resolution.

WHENEVER the beneficial ownership of this Bond is determined by a book entry at a securities depository for the Bonds, the foregoing requirements of holding, delivering, or transferring this Bond shall be modified to require the appropriate person or entity to meet the requirements of the securities depository as to registering or transferring the book entry to produce the same effect.

IN THE EVENT any Paying Agent/Registrar for the Bonds is changed by the Issuer, resigns, or otherwise ceases to act as such, the Issuer has covenanted in the Bond Resolution that it promptly will appoint a competent and legally qualified substitute therefor, and promptly will cause written notice thereof to be mailed to the registered owners of the Bonds.

IT IS HEREBY certified, recited, and covenanted that this Bond has been duly and validly authorized, issued, and delivered; that all acts, conditions, and things required or proper to be performed, exist, and be done precedent to or in the authorization, issuance, and delivery of this Bond have been performed, existed, and been done in accordance with law; that the Series of Bonds of which this Bond is one constitute Parity Obligations under the Master Resolution; and that the interest on and principal of this Bond, together with the other Bonds of this Series and the other outstanding Parity Obligations are equally and ratably secured by and payable from a lien on and pledge of the Pledged Revenues, subject only to the provisions of, and the lien on and pledge of certain Pledged Revenues to, the Prior Encumbered Obligations.

THE ISSUER has reserved the right, subject to the restrictions referred to in the Bond Resolution, (i) to issue additional Parity Obligations which also may be secured by and made payable from a lien on and pledge of the aforesaid Pledged Revenues, in the same manner and to the

same extent as this Bond, and (ii) to amend the provisions of the Bond Resolution under the conditions provided in the Bond Resolution.

THE REGISTERED OWNER hereof shall never have the right to demand payment of this Bond or the interest hereon out of any funds raised or to be raised by taxation or from any source whatsoever other than specified in the Bond Resolution.

BY BECOMING the registered owner of this Bond, the registered owner thereby acknowledges all of the terms and provisions of the Bond Resolution, agrees to be bound by such terms and provisions, acknowledges that the Bond Resolution is duly recorded and available for inspection in the official minutes and records of the Issuer, and agrees that the terms and provisions of this Bond and the Bond Resolution constitute a contract between each registered owner hereof and the Issuer.

IN WITNESS WHEREOF, the Issuer has caused this Bond to be signed with the manual or facsimile signature of the Chair or Vice Chair of the Issuer and countersigned with the manual or facsimile signature of the Secretary or Assistant Secretary of the Issuer, and has caused the official seal of the Issuer to be duly impressed, or placed in facsimile, on this Bond.

Assistant Secretary, Board of Regents
of Texas Tech University

Chair, Board of Regents of
Texas Tech University

(BOARD SEAL)

FORM OF PAYING AGENT/REGISTRAR'S AUTHENTICATION CERTIFICATE

PAYING AGENT/REGISTRAR'S
AUTHENTICATION CERTIFICATE

It is hereby certified that this Bond has been issued under the provisions of the Bond Resolution described in this Bond; and that this Bond has been issued in conversion of and

exchange for or replacement of a bond, bonds, or a portion of a bond or bonds of an issue which originally was approved by the Attorney General of the State of Texas and registered by the Comptroller of Public Accounts of the State of Texas.

Dated

Bank One, Texas, N.A.
Paying Agent/Registrar

[FORM OF REGISTRATION CERTIFICATE OF
COMPTROLLER OF PUBLIC ACCOUNTS TO ACCOMPANY
THE BONDS UPON INITIAL DELIVERY]

COMPTROLLER'S REGISTRATION CERTIFICATE:

REGISTER NO. _____

I hereby certify that this Bond has been examined, certified as to validity, and approved by the Attorney General of the State of Texas, and that this Bond has been registered by the Comptroller of Public Accounts of the State of Texas.

Witness my signature and seal this

Comptroller of Public Accounts
of the State of Texas

(COMPTROLLER'S SEAL)

FORM OF ASSIGNMENT:

ASSIGNMENT

FOR VALUE RECEIVED, the undersigned registered owner of this Bond, or duly authorized representative or attorney thereof, hereby assigns this Bond to

/

(Assignee's Social Security or Taxpayer Identification Number)

(print or typewrite Assignee's name and address, including zip code)

and hereby irrevocably constitutes and appoints

attorney to transfer the registration of this Bond on the Paying Agent/Registrar's Registration Books with full power of substitution in the premises.

Dated: _____

Signature Guaranteed:

NOTICE: This signature must be
guaranteed by a member of the New York
Stock Exchange or a commercial bank or
trust company.
April 30, 1999

NOTICE: This signature must correspond
with the name of the Registered Owner
appearing on the face of this Bond.

2. **TTU: Approve change in academic rank and granting of tenure.**

RECOMMENDATION

The Office of the Chancellor concurs with the recommendation of the Office of the President that the following faculty of Texas Tech University receive changes in academic rank, effective 9/1/99, from Assistant Professor to Associate Professor, and the granting of tenure, effective this date.

John Barkdull, Assistant Professor, Department of Political Science, College of Arts and Sciences.

Mario Beruvides, Assistant Professor, Department of Industrial Engineering, College of Engineering.

William Burkett, Assistant Professor, Department of Engineering Technology, College of Engineering.

Joseph Claudet, Assistant Professor, Department of Educational Psychology and Leadership, College of Education.

Peter Dotray, Assistant Professor, Plant and Soil Science, College of Agricultural Sciences and Natural Resources.

Ruth Gornet, Assistant Professor, Department of Mathematics and Statistics, College of Arts and Sciences.

Stephanie Harter, Assistant Professor, Department of Psychology, College of Arts and Sciences.

Fred Hartmeister, Assistant Professor, Department of Educational Psychology and Leadership, College of Education.

David Ivey, Assistant Professor, Department of Human Development and Family Studies, College of Human Sciences.

Darryl James, Assistant Professor, Department of Mechanical Engineering, College of Engineering.

Megan Koreman, Assistant Professor, Department of History, College of Arts and Sciences.

Carol Korzeniewski, Assistant Professor, Department of Chemistry and Biochemistry, College of Arts and Sciences.

Noe Lopez-Benitez, Assistant Professor, Department of Computer Science, College of Engineering.

George Makhatadze, Assistant Professor, Department of Chemistry and Biochemistry, College of Arts and Sciences.

Sharon Myers, Assistant Professor, Department of Classical and Modern Languages and Literatures, College of Arts and Sciences.

Judy Oskam, Assistant Professor, Department of Mass Communications, College of Arts and Sciences.

Vaia Papadimitriou, Assistant Professor, Department of Physics, College of Arts and Sciences.

Jill Patterson, Assistant Professor, Department of English, College of Arts and Sciences.

Christine Robitschek, Assistant Professor, Department of Psychology, College of Arts and Sciences.

Shan Sun, Assistant Professor, Department of Mathematics and Statistics, College of Arts and Sciences.

David Thompson, Assistant Professor, Department of Civil Engineering, College of Engineering.

Leslie Thompson, Assistant Professor, Department of Animal Science and Food Technology, College of Agricultural Sciences and Natural Resources.

4. TTU: Approve changes in academic rank.

RECOMMENDATION

The Office of the Chancellor concurs with the recommendation of the Office of the President that the following faculty of Texas Tech University receive changes in academic rank, effective 9/1/99.

Donald Bagert, from Associate Professor to Professor, Department of Computer Science, College of Engineering.

Gerald Dolter, from Assistant Professor to Associate Professor, School of Music, College of Arts and Sciences.

Robert Henry, from Associate Professor to Professor, School of Music, College of Arts and Sciences.

Lynn Huffman, from Associate Professor to Professor, Department of Education, Nutrition and Restaurant/Hotel Management, College of Human Sciences.

Mary Hurst, from Associate Professor to Professor, Department of English, College of Arts and Sciences.

Thomas Lehman, from Associate Professor to Professor, Department of Geosciences, College of Arts and Sciences.

Hossein Mansouri, from Associate Professor to Professor, Department of Mathematics and Statistics, College of Arts and Sciences.

Alison Myhra, from Associate Professor to Professor, School of Law.

Michael Peters, from Associate Professor to Professor, College of Architecture.

Robert Ricketts, from Associate Professor to Professor, College of Business Administration.

Alan Shinn, from Associate Professor to Professor, School of Music, College of Arts and Sciences.

Robert Walzel, from Associate Professor to Professor, School of Music, College of Arts and Sciences.

David Wester, from Associate Professor to Professor, Department of Range, Wildlife and Fisheries Management, College of Agricultural Sciences and Natural Resources.

6. TTU: Approve emeritus appointments.

RECOMMENDATION

The Office of the Chancellor concurs with the recommendation of the Office of the President that emeritus status be granted to the following individuals.

Charles Leonard Ainsworth, Professor of Education and Vice Provost for Academic Affairs (28 years)

Marion Denson Arnold, Professor of Petroleum Engineering (14 years)

Jacquelin Collins, Associate Professor of History and Associate Dean, College of Arts and Sciences (36 years)

Murray Whitfield Coulter, Associate Professor of Biological Sciences (34 years)

Claud Monroe Davidson, Professor of Geography (29 years)

Mary Sue Gately, Professor of Accounting (17 years)

Robert Ames Hayes, Professor of History (30 years)

Hubert Reed Heichelheim, Associate Professor of Chemical Engineering (35 years)

Leona Mitchell Little Soldier, Professor of Education (29 years)

Harley Dean Oberhelman, Horn Professor of Classical and Modern Languages and Literatures (37 years)

Donald Oberleas, Professor of Education, Nutrition, and Restaurant/Hotel Management (13 years)

William Taylor Patterson, Professor of Classical and Modern Languages and Literatures (34 years)

Neale J. Pearson, Professor of Political Science (27 years)

Nina Lorraine Ronshausen, Associate Professor of Education (21 years)

Betty Ann Street, Associate Professor of Art (28 years)

Mary Ann Vaughan, Associate Professor of Music (29 years)

John Frank Walkup, Horn Professor of Electrical Engineering (27 years)

11. TTUHSC: Approve changes in academic rank.

RECOMMENDATION

The Office of the Chancellor concurs with the recommendation of the Office of the President that the following faculty of Texas Tech University Health Sciences Center receive changes in academic rank, effective 9/1/99.

Sam Abdul-Rahim, M.D.; from Assistant Professor to Associate Professor, Department of Ophthalmology, School of Medicine

Melin Canez, M.D., from Assistant Professor to Associate Professor, Department of Obstetrics/Gynecology, School of Medicine

Jane Goldthorn, M.D., from Associate Professor to Professor, Department of Surgery, School of Medicine

Jose Morales, M.D., from Assistant Professor to Associate Professor, Department of Ophthalmology, School of Medicine

Farah Shah, M.D., from Assistant Professor to Associate Professor, Department of Dermatology, School of Medicine

James Slauterbeck, M.D., from Assistant Professor to Associate Professor, Department of Orthopaedic Surgery, School of Medicine

Ana Maria Valadez, Ed.D., R.N., C.N.A.A., F.A.A.N., from Associate Professor to Professor, School of Nursing

Edward Wilson, M.D., from Associate Professor to Professor, Department of Anesthesiology, School of Medicine

12. TTUHSC: Approve granting of tenure.

RECOMMENDATION

The Office of the Chancellor concurs with the recommendation of the Office of the President that academic tenure be granted to the following faculty of Texas Tech University Health Sciences Center, effective this date.

Yin James Kao, M.D., Professor, Department of Anesthesiology, School of Medicine

David Lee Morgan, M.D., Associate Professor, Department of Pathology, School of Medicine

Roland A. Patry, Dr.P.H., Professor, School of Pharmacy

Phulchand Prithvi Raj, M.D., Professor, Department of Anesthesiology, School of Medicine

CASNR

- _ 14 Billion - Cash Receipts
- _ 1/3 - 40 Counties - High Plains
- _ Animal Feeding and Cotton Industries

CASNR

- _ Landscape Architecture
- _ Plant and Soil Science
- _ Animal Science
- _ Agricultural Education and Communications
- _ Agriculture and Applied Economics
- _ Range, Wildlife and Fisheries Management

CASNR

_ Faculty	70
_ Undergraduate Students	1286
_ Graduate Student	198
_ Scholarships	
- Awards	982
- Students	358
- Total	\$963,649

Food, Fun & Games

Have you met your Ag Pal?
Would you like help
in a class?
Is it time for a FREE meal?

Come join us for
PIZZA & PALS

Where: Livestock Arena

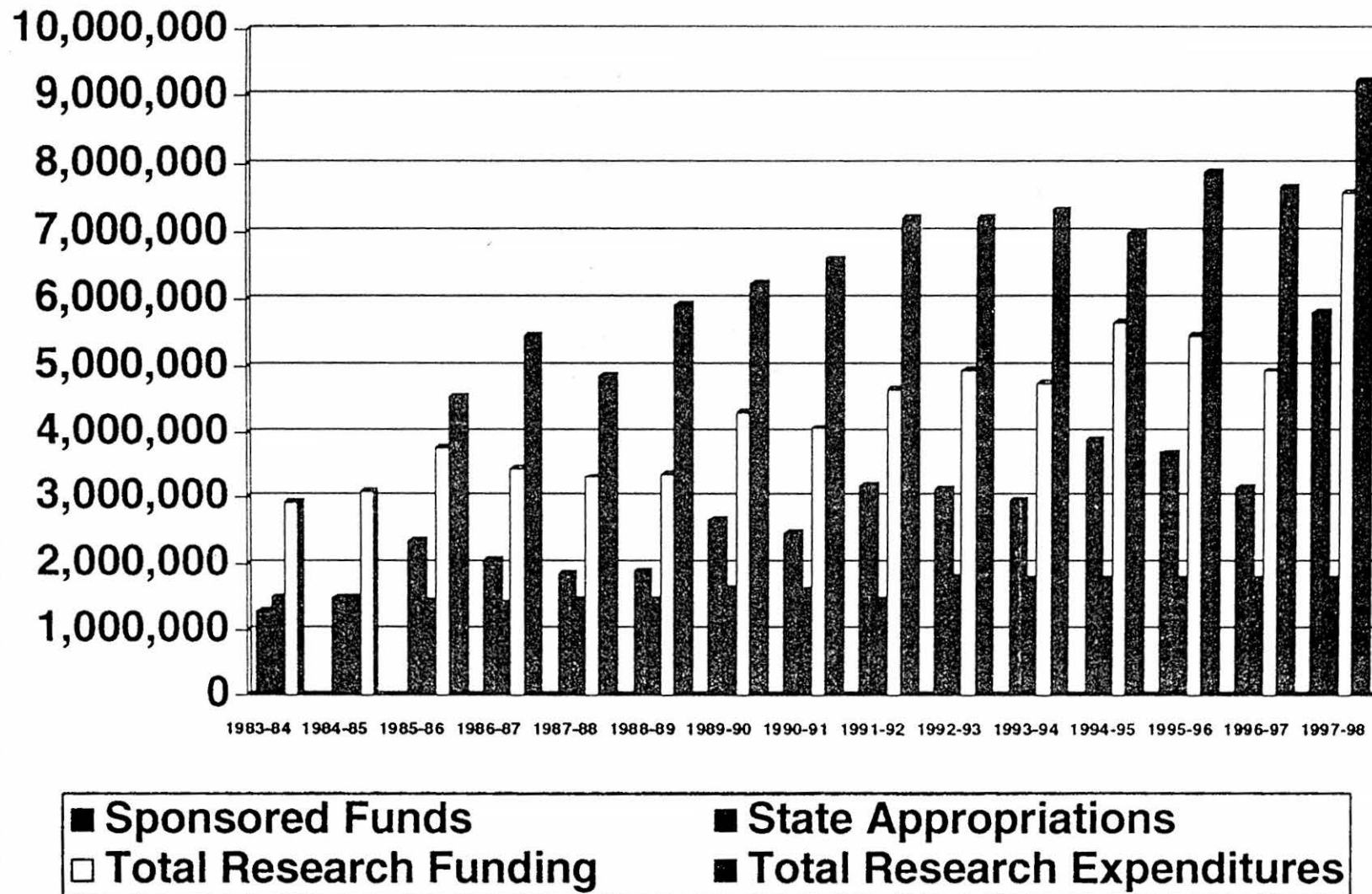
When: February 7, 1999

Time: 5:00-7:00 p.m.



Sponsored by: Ag Recruitment and Career Center (ARC Center)

Call 742-2808 for more information or come by Goddard 107

Research Funding



Texas Tech University
Board of Regents Meeting
February 11, 1999



David J. Schmidly
Vice President for Research, Graduate
Studies and Technology Transfer

**RESEARCH, GRADUATE EDUCATION, AND
TECHNOLOGY TRANSFER**

Informational Items

- ◆ National Research Strategy
- ◆ Centers & Institutes
- ◆ Facilities & Equipment
- ◆ LAR Excellence Initiative
- ◆ Leveraging : "The Federal
Initiatives"
- ◆ Performance Report Card

**NATIONAL RESEARCH
STRATEGY**

- ◆ Focus on our strengths and niche
- ◆ Interdisciplinary, team-centered research
- ◆ Modern facilities, equipment, technology
- ◆ Link research and technology transfer
- ◆ Expand partnerships
- ◆ Leverage state resources
 - ▶ Federal Initiative Program

CENTERS & INSTITUTES

- ◆ Purpose
- ◆ Definition
- ◆ Process of Creation & Review
- ◆ List of Existing Activity
- ◆ New Centers for Approval

PROPOSED NEW CENTERS & INSTITUTES

- ◆ Fire Ecology Center
- ◆ Center for Biochemistry and Functional Genomics
- ◆ Rural Airborne Particulate Matter Research Center
- ◆ Space Research Institute

FACILITIES AND EQUIPMENT

- ◆ New Experimental Science Building
- ◆ Supercomputing & Virtual Reality

NEW EXPERIMENTAL SCIENCE BUILDING

- ◆ **Crucial to long-term success**
- ◆ **Planning underway**
 - ▶ **\$120,000 GSF Building**
 - ▶ **Cost = \$41.3M construction + \$6.5M equipment = \$47.8M**
 - ▶ **\$20M left in tuition revenue bonds**

SUPERCOMPUTING


- ◆ **Absolutely essential to success of TIEHH**
 - ▶ **As much as \$50M in funding at stake**
- ◆ **Campus-wide interest**
 - ▶ **Engineering**
 - ▶ **Arts & Sciences**
 - ▶ **Agricultural Sciences and Natural Resources**
 - ▶ **Architecture**
- ◆ **Impact local economic development**

FY 2000 BUDGET 21st Century Research Fund

“Computational science – supercomputer modeling of extremely complex systems such as the global climate, the human body, and galaxies – is emerging as a new and significant branch of research, providing insights not likely to occur through experimentation or theorizing alone.”

Where will it be located?


- Located at Reese Center
- Networked via fiber optics cable to TTU and HSC
- Large-scale modeling and simulation
- Incentives for high tech industries






How much will it cost?

Initial Configuration	\$2.40 million
Computer & Visualization System	
Reality Center	
Geographic Information Systems Lab	
Software	
Support and training	
Fiber Optics Cable and Networking	\$1.25 million
TOTAL	\$3.65 million



Financing

EDA Grant	\$1.25 million
Federal Initiatives (TIEHH & WERC)	\$1.00 million
3 Year Loan (\$500,000/year)	\$1.40 million
TOTAL	\$3.65 million



EXCELLENCE INITIATIVE

- ◆ Part of Legislative Appropriation request (LAR)
- ◆ \$8.725M requested for Faculty Enhancement
- ◆ Crucial to Continued Research Expansion

13

**OUR GREATEST NEED?
Grow the Faculty?**

- ◆ Coordinating Board recommendations for teaching loads at research universities:
- ◆ 2.0 classes per semester
- ◆ Current class load averages:
 - Texas A&M-1.5%
 - U.T. Austin-5.4%
 - Texas Tech+34.0%
 - U. Houston+21.0%
- ◆ LAR includes request for new faculty positions (25/year)

14

**LEVERAGING STATE
RESOURCES**

- ◆ Federal Initiatives
- ◆ Technology Transfer & Intellectual Property

15

FEDERAL INITIATIVES

- ◆ Ambition plan -- 12 projects for \$29.7M
- ◆ TTU Redbook
- ◆ TTU congressional Reception -- 3 March in D. C.

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Texas Tech University Federal Funding Initiatives Summary FY 2000

Initiative	Funding Source	Amount	Principal Investigator	Co-Principal Investigator
Research for Environment & Human Health - Environmental Research - Brooks AFB	DOE/USDO Subcontract	\$1.0 M	Combs/Smith/Hutchinson	Brooks AFB
Wind Engineering Research Center - Fortaleto Climate Research	NSF	\$1.2 M	Combs/Hutchinson	
Cancer Research	USDA	\$2.0 M	Combs/Smith/Hutchinson	Texas A&M
Plant Science Research Support	USDA/ARS	\$0.3 M	Combs/Smith/Hutchinson	Texas A&M
Plant Science Research for Space Travel	USDA	\$1.0 M	Combs/Hutchinson	Texas A&M
Biological Emergency Research Center	DOE	\$1.0 M	Combs/Hutchinson	Univ. of Texas
Stream River Research	EPA	\$2.0 M	Edwards/Combs	Univ. of Houston
Chemical Research	DOE	\$2.0 M	George/Delgado to lead (Combs/Hutchinson)	Univ. of Georgia
Vascular Access Center	Department of Education	\$0.3 M	Combs/S. Johnson/Univ. of Texas	Univ. of Texas
Small Power Generation Research	DOE	\$1.0 M	Combs/Hutchinson	Gas Research
Gas Pipeline Safety Research	DOE	\$1.0 M	Combs/Hutchinson	Gas Research
Rural High Tech Economic Development (High Tech Institute)	DOE/GRACIA/HUD	\$1.0 M	Combs/Hutchinson/George	Thompson/Hutchinson

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TECHNOLOGY TRANSFER/ INTELLECTUAL PROPERTY

- Recruited Director
- Office opened 1 Sept. 1998
- Accomplishments
 - Disclosures
 - Patent Applications
 - Deals
- Texas Tech Research Foundation
- Intellectual Property Policies

18

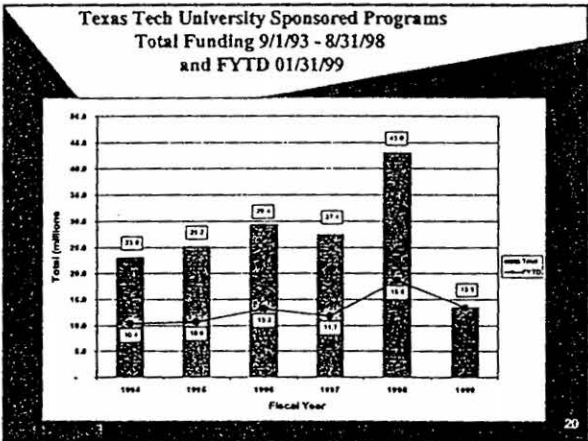
PERFORMANCE REPORT CARD

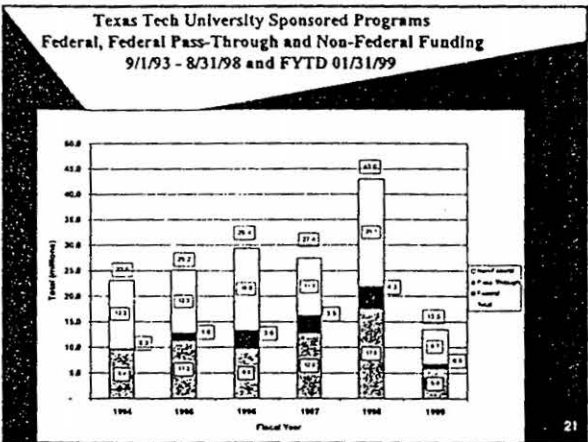
◆ Annual Report

◆ Year-to-date numbers

◆ About \$7.5M outstanding

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Graduate School Scholarships and Fellowships

• Prior to 1996 there were 4 scholarships awarded.....	Total:	\$63,000
Devin Jones Fellowships.....	\$45,000	
Elo Urbanovsky Fellowship.....	\$18,000	
• 1997	Total:	\$6,000,000
Health and Social Services Fellowship.....	\$1,000,000	
Southwestern Bell Chancellor's Graduate Fellowships.....	\$5,000,000	
• 1998	Total:	\$1,628,000
Hazlewood Memorial Scholarships.....	\$618,000	
Gelin Loan Fund	\$500,000	
Gelin Loan Fund - pending	\$500,000	
Precision Smith Graduate Fellowships	\$5,000	
Water Resource Scholarships	\$5,000	
GRAND TOTAL:		\$7,655,000

Texas Tech University

Federal Funding Initiatives Summary

FY 2000

PROJECT	FUNDING SOURCE APPROPRIATIONS SUBCOMMITTEE	AMOUNT REQUESTED FY 2000	POSSIBLE CONGRESSIONAL CHAMPION(S)	OTHER PARTNERS
Institute for Environment & Human Health – Environmental Research w/Brooks AFB	DOD/DOD Subcommittee	\$3.0 M	Combest/Bonilla/Hutchison	Brooks AFB
Wind Engineering Research Center – Tornado Disaster Research	NIST Commerce, Justice, State Subcommittee	\$1.2 M	Combest/Hutchison	
Cotton Research	USDA Agriculture Subcommittee	\$2.0 M	Combest/Bonilla/Hutchison	Texas A&M
Plant Stress Scientist Support	USDA/ARS Agriculture Subcommittee	\$0.5 M	Combest/Bonilla/Hutchison	Texas A&M
Plant Stress Research for Space Travel	NASA VA-HUD Subcommittee	\$1.0 M	Combest/Hutchison	Texas A&M
Biological Emergency Research Center	DOD DOD Subcommittee	\$10.0 M	Combest/Hutchison	Univ. of Texas
Brazos River Research	EPA VA-HUD Subcommittee	\$2.0 M	Edwards/Combest	Univ. of Houston
Chernobyl Research	DOE Energy & Water Subcmte	\$2.5 M	Georgia Delegation to lead (Combest/Hutchison)	Univ. of Georgia
Vietnam Archive Center	Department of Education Labor-HHS Subcommittee	\$0.5 M	Combest/S. Johnson/Other Vietnam Veterans Members	
Small Power Generation Research	DOE Energy & Water Subcmte	\$3.0 M	Combest/Thornberry	Gas Research Institute
Gas Pipeline Safety Research	DOT Transportation Subcommittee	\$3.0 M	Combest/Graham	TX Trans. Institute (Texas A&M)
Rural High Tech Economic Development (High Tech Incubator)	DOC (SBA) or HUD Commerce, State, Justice or VA-HUD Subcmte	\$1.0 M	Combest/Stenholm/Granger Thornberry/Hutchison	

Texas Tech University Research Highlights

November 16, 1998 through February 8, 1999

- Sponsored research awards for FY 1999 to date exceed awards for any previous year except FY 1998
- The ratio of facilities and administrative costs budgeted to total amount of awards is higher than in any previous year.
- Negotiations are underway for 1998 federal and state initiatives:

\$1.2 million from the National Institute of Standards and Technology for wind engineering research

\$2 million from the Texas Department of Economic Development for MesoNet

\$1.6 million from the Department of Defense for environmental research (An additional \$2.4 million will be awarded later this year.)

\$200,000 from the U.S. Department of Agriculture

INFORMATION CONCERNING RESEARCH CENTERS AND INSTITUTES

PURPOSE:

While research centers and institutes are multi-functional, their basic purpose is to provide an opportunity for faculty with common interests to ban together in a common effort directed at obtaining extramural research funding and conducting research. In addition, the presence of a research center or institute serves notice to a potential research sponsor that a considerable amount of Texas Tech University expertise is available to conduct research in a given area.

DEFINITIONS:

- A. A center is a unit which includes research within its total activity, but has a broader function which may include educational and service activities.
- B. An institute is a unit which has research objectives as its primary thrust.

CREATION, REVIEW, AND DISSOLUTION:

Operating Policy and Procedure 30.17 details how research centers and institutes are created, reviewed/evaluated, and dissolved if necessary. In summary, the University is authorized to establish research centers and institutes as long as they pertain to the research mission of the institution and conform to University policies as well as state regulations and policies. Each research center or institute must be established with the approval of the Dean or other appropriate official, the endorsement of the Vice President for Research and Graduate Studies, and the concurrence of the Provost and the President. The Board of Regents is then asked to ratify the establishment of a research center or institute at the next available Board of Regents meeting.

In 1994, all research centers and institutes were initially evaluated and given either active status, probationary status, or they were dissolved if non-functional. Those receiving active status are reviewed again in five years and those receiving probationary status are reviewed again in three years. If the review is not satisfactory after serving three years in probationary status, the research center or institute will be dissolved. All newly created research centers and institutes will be given probational status. Thus, all research centers and institutes continue to be reviewed on a three or five year cycle.

STATUS:

A research center or institute is an integral part of the University, but they may not offer formal on-campus courses for degree credit or award degrees unless specifically authorized to do so by the appropriate dean and the Provost. Short-courses and off-campus courses offered via distance learning can only be offered with the approval of the Vice Provost for Extended Learning and the Provost.

LIST OF RESEARCH CENTERS AND INSTITUTES:

A current list of research centers and institutes at Texas Tech University can be found in the Research and Graduate Education Annual Report.

NEW RESEARCH CENTERS AND INSTITUTES

Fire Ecology Center:

This center is designed to increase the visibility of the Fire Ecology program at Texas Tech University through the creation of a web-site, databases, and publication of printed material which will improve the ability to attract extramural funding. Information access will be provided to professionals and students and help attract undergraduate and graduate students into the Fire Ecology program.

Center for Plant Biochemistry and Functional Genomics:

This center is designed to provide a strong research focus on biochemistry, molecular biology, and genetics of crop plants. The goals of research partners from three University departments are: 1) understanding of novel biochemical pathways in plants that can be exploited for crop improvement, 2) identification of genes that contribute agronomically important traits in crop plants, and 3) application of this knowledge through genetic engineering and molecular breeding to produce unique crop varieties.

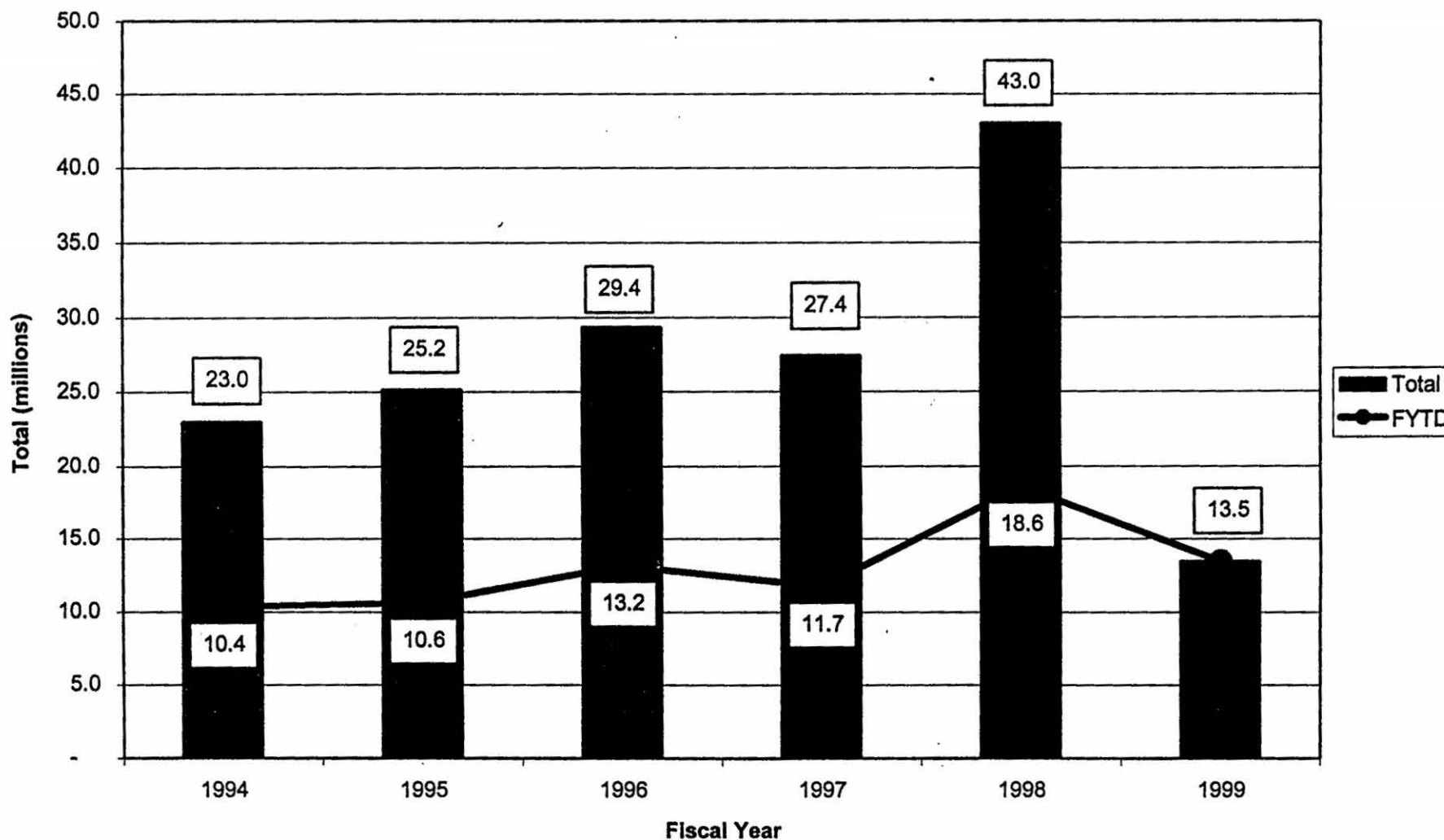
Rural Airborne Particulate Matter Research Center:

The mission of this center will be to bring together faculty and students across the campuses of Texas Tech University and Texas Tech University Health Sciences Center to conduct high quality research that solves both current and anticipated future environmental problems caused by airborne particulate matter. The focus will be on determining the linkage between the source of airborne particles and threats to health due to long-term exposure to those particles that can potentially carry harmful chemical and biological agents.

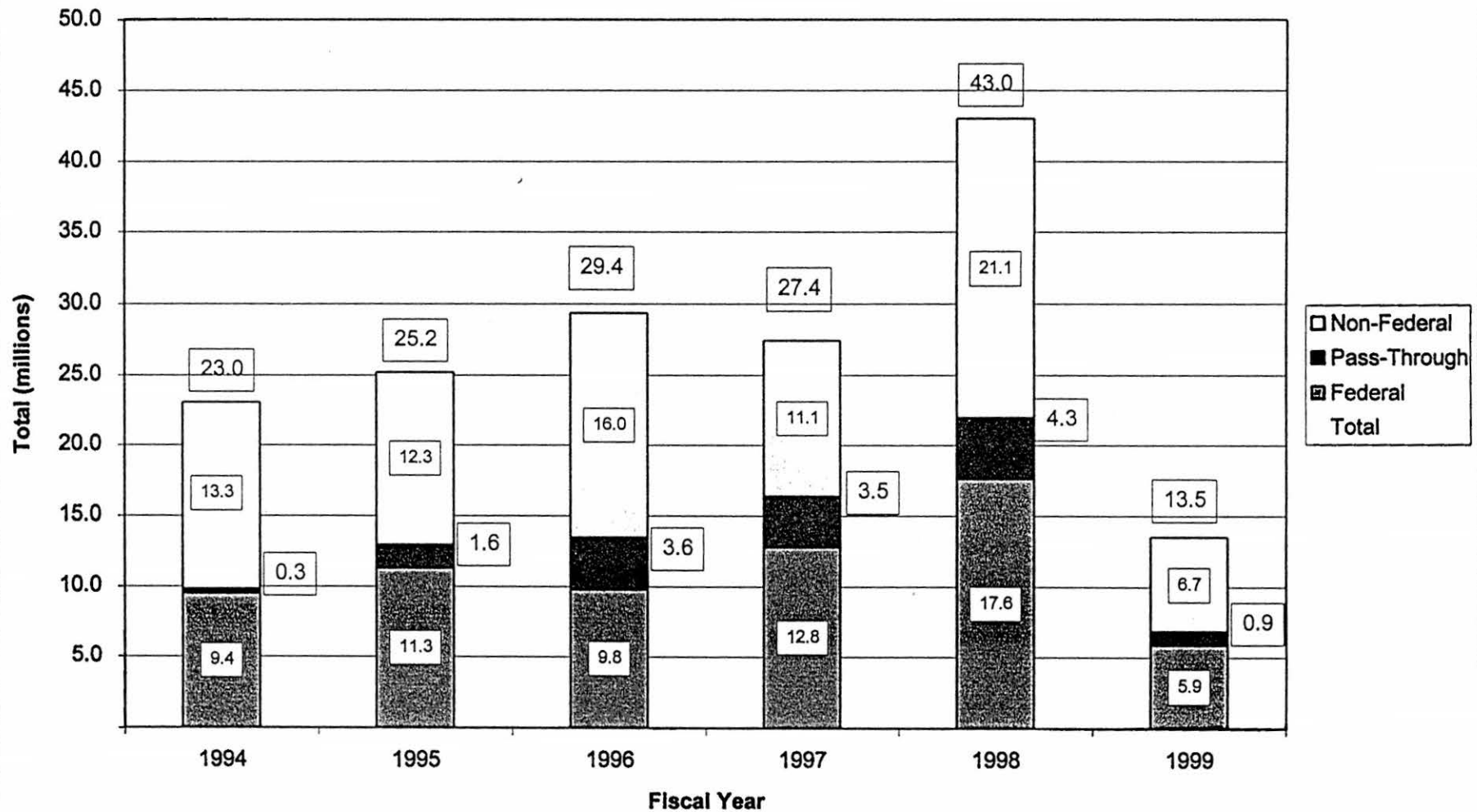
Space Research Institute:

The Space Research Institute will become the focal point to stimulate, coordinate and implement space-related activities at Texas Tech. The goals of the center are: 1) encourage researchers and educators with similar or complimentary interests to collaborate and enhance Texas Tech University reputation in space sciences, 2) utilize existing interdisciplinary degree programs and develop new space science degree programs as needed, and 3) be a focal point for space-related research and educational activities.

Texas Tech University Sponsored Programs
Total Funding 9/1/93 - 8/31/98
and FYTD 01/31/99



**Texas Tech University Sponsored Programs
Federal, Federal Pass-Through and Non-Federal Funding
9/1/93 - 8/31/98 and FYTD 01/31/99**



Selected Press Clippings
featuring sponsored research
at

Texas Tech University

Nov. 13, 1998 to February 12, 1999

B U S I N E S S

THIS PLACE MAKES ME SICK

Modern, airtight offices are causing more cases of sick-building syndrome. Just ask Southwest Airlines

By ARNOLD MANN

BERNICE POLANSKY'S MYSTERIOUS symptoms began creeping through her body in 1989, four years after she started working at Southwest Airlines' 24-hour San Antonio, Texas, reservations center, an amphitheater-like building housing 600 agents. First came the headaches—every day, two hours after she arrived at work. She noticed other agents bringing aspirin to work. Anyone who ran out could go down to the central-console area, where supervisors were dispensing aspirin from large bottles. Polansky joined the aspirin poppers.

Then came the sinus infections, muscle pain, nausea, dizziness and fatigue—"a whole body weakness." Others complained of weakness too, though no one seemed to know the cause. Ambulances occasionally arrived to treat people for breathing problems, fainting, seizures, even strokes. Her children were the first to notice when the logic in her sentences began breaking down. By 1992 Polansky was bedridden and on workmen's comp.

Today 59-year-old Polansky is "better but still not 100%." She has used up her time on workmen's comp, which she was awarded for unrelated but disabling ergonomic pain. And she's been terminated by Southwest for failing to return to work within the 36 months allowed for medical leave. Along with half a dozen other employees who have spoken out about their health problems, Polansky is consumed by mounting medical bills, the cost of her lawsuits against the au-

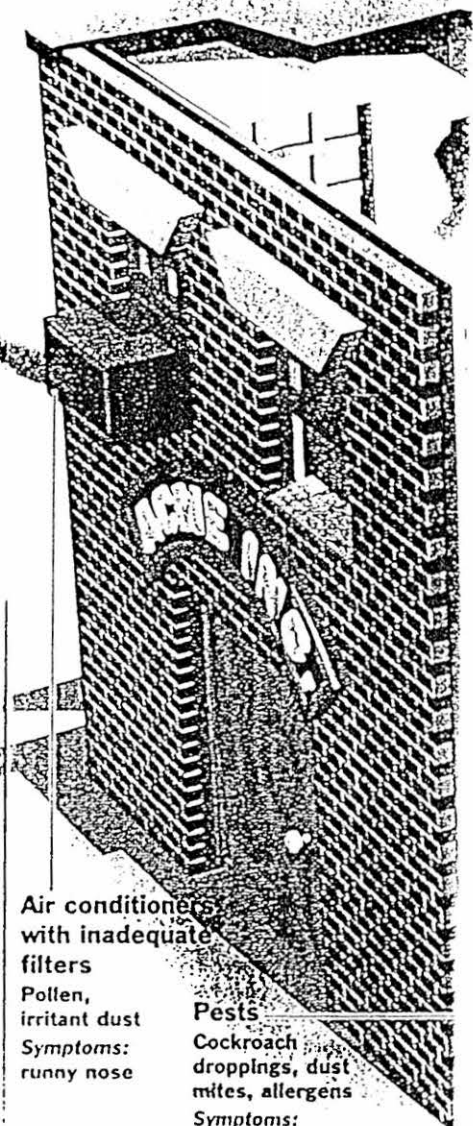
line and the air-conditioning company that serviced the building, and by Southwest's countercharge that she is an opportunist whose medical problems are unrelated to the building.

However, interviews with 14 current and past employees, as well as building-inspection reports obtained by TIME, suggest that Southwest's San Antonio center is a "sick building" whose closed-circulation air supply has been contaminated by toxin-producing molds and bacteria.

Sick-building syndrome, as scientists and health officials call it, is a disease of modern architecture: sealed, energy-conserving buildings continually recycle contaminated air. According to a survey by the Occupational Safety and Health Administration (OSHA), one-third of the 70 million Americans who work indoors are quartered in buildings that are breeding grounds for an array of contaminants, from molds and bacteria to volatile organic compounds like formaldehyde. A 1996 Cornell University study found the problem was even worse: in every one of 35 buildings surveyed for the study, at least 20% of the occupants had experienced symptoms. "It's very difficult to find a problem-free building," says Dr. Alan Hedge, author of the Cornell study and co-author of the book *Keeping Buildings Healthy* (John Wiley & Sons, 1998).

Among the formerly sick: Harvard's Brigham and Wom-

FRIGHTENING FUNGI: *Penicillium* and *Stachybotrys*, found in molds, are two of the sources of sick-building syndrome



Air conditioners with inadequate filters

Pollen,
irritant dust
Symptoms:
runny nose

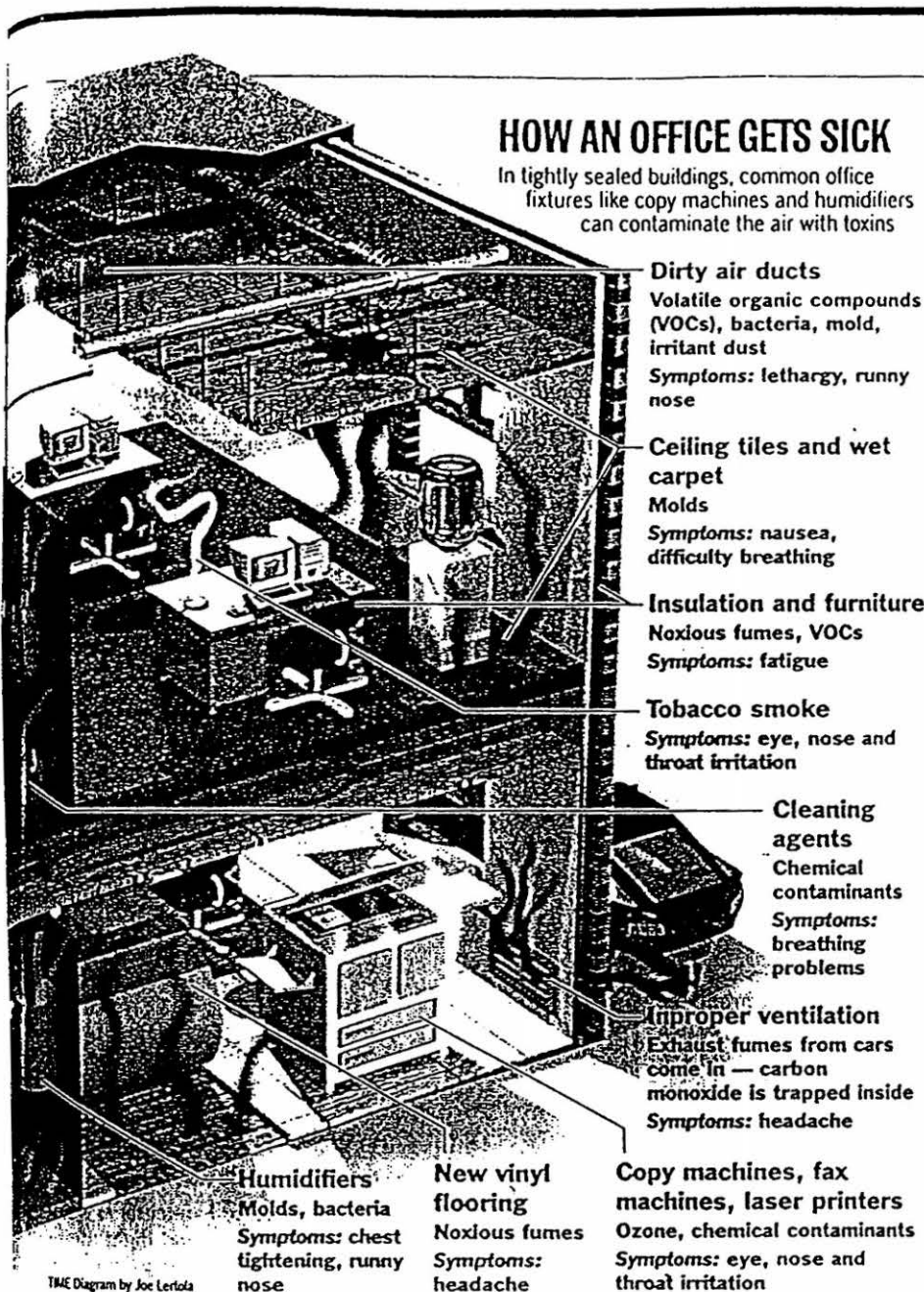
Pests

Cockroach
droppings, dust
mites, allergens
Symptoms:
itchy, red eyes

en's Hospital, where 47 nurses wound up on disability leave in 1993 because of allergic reactions to the latex in surgical gloves that clung to surfaces in the building. Florida's Martin County Courthouse, where fungicide festation required a \$3.5 million gutting by workers wearing respirators and bodysuits,

even the EPA's Washington office, where brand-new carpets were blamed for gas emissions and were removed, OSHA's beleaguered inspectors can't begin to keep up with the complaints. A whole new business of industrial hygiene con-





Penicillium, continued to grow inside the building, alongside bacterial levels that were 200 times as great as OSHA's suggested "contamination threshold." Yet the '96 report, prepared by Crawford Risk Control Services for Southwest's insurance company, rated airborne spore counts inside the building as "normal" compared with those outside. Reviewing this record, Dr. David Straus of Texas Tech University's Health Sciences Center observed, "There's nothing normal about Stachybotrys. It produces a bad toxin. That's all I can say." Moreover, argues Cornell's Alan Hedge, the inspectors "only took air samples on one day, and fungi don't produce spores all the time. Typically, you [sample] over a series of days." Testing for mycotoxins and bacterial endotoxins, experts agree, might have told a different story.

Despite these expert reviews, Southwest maintains that the company is the victim of a litigious campaign inspired by Houston immunotoxicologist Andrew Campbell, who first diagnosed sick-building syndrome in Polansky and 12 of her co-workers in 1994. Campbell, they say, is a biased observer, known for diagnosing sick-building syndrome and other maladies based on what the airline says is questionable evidence.

And yet, in part because of information gathered by TIME, Southwest has hired an environmental-engineering firm, Air Quality Sciences of Atlanta, to conduct a complete hygiene inspection of the San Antonio center. The building undergoes annual cleanings and monthly inspections, asserts Ginger Hardage, vice president of public relations for Southwest. "We are known as a company that cares for its people," she says.

Employees insist, however, that management has known about the problem for years—and actively concealed it. In 1992 OSHA fined the airline for its failure to maintain complete records of employee illnesses and injuries at the center for each year since 1987, with an additional fine for failing to record descriptions of illnesses and injuries in 80 cases during 1992 alone. According to Hardage, the company has since complied, and the fines have been reduced.

Though some supervisors at the center are said to be sick themselves, employees say these managers have participated in the cover-up. One employee says that her supervisor helped her rewrite her resignation letter, allegedly instructing her to say she "loved the company and was leaving because I wanted to retire," rather than state the real reason, which was her health. That way, she would be able to come back to work if she wanted to. The airline says it knows nothing of this.

Fear of job loss appears to be a key factor in a widespread reluctance among staff members to speak openly about the prob-

panies has sprung up, offering everything from one-shot inspections to year-round prevention programs.

"A basket of symptoms with no clear cause," as one expert termed it, sick-building syndrome can confine itself to one office or spread through an entire building. Some workers will get it; others won't. Symptoms are usually confined to the workplace, but in some cases, like Polansky's, they can hang on for years, even after a worker has left a building. According to Dr. Claudia Miller of the University of Texas Health Science Center at San Antonio, repeated exposure to toxins given off by molds and bacteria may hypersensitize people to the point that they react to even low levels of these toxins. It may also weaken their tolerance to everyday

chemicals in car exhaust, perfumes, cleaning agents and some foods and drugs.

Southwest's San Antonio mold problem dates back to the 1980s, but the first clean-up attempt wasn't made until 1994. By that time, workers say, fungi were literally dropping out of the ceiling vents into their coffee. When the fabric used as a wall covering was removed, the wallboards underneath were coated with black mold. All the renovations, including removal and replacement of mold-infested carpeting, ceiling tiles and wallboards, and chemical scouring of the heating, ventilation and air-conditioning system, were done while employees were working.

Inspection reports from 1995 and 1996 obtained by TIME reveal that a wide variety of active molds, including Stachybotrys and

B U S I N E S S



SYNDROME SUFFERERS? Fatigue, nausea and headache plague sick-building victims

lem. Many of the center's employees are working mothers afraid of being stranded, like Polansky, without company medical insurance. A 56-year-old male employee, who says he has been sick since he went to work for Southwest in 1992, consulted with his union representative and decided not to speak to TIME on the record; he was afraid going public would get him fired.

An outside inspector who spoke to TIME says a number of workers came up to him during his inspection, telling him about their health problems. "We've never discouraged communication," maintains Southwest spokeswoman Hardage. Yet the same inspector described efforts on the part of management to get him to alter his report so as to make the building look "less bad." Hardage says this never happened.

Except through the lawsuits that have been filed, most of the sick remain silent; \$20 an hour is hard to find in San Antonio, not to mention profit sharing. "We went over the billion-dollar mark [in revenues] in June of this year," says a long-term employee who has the full array of symptoms, including memory loss and "a thing on my leg." It's "bigger than a silver dollar now," she says. "I just wish they knew how many people in this building are sick."

They do, and it may just close the building. "They said that's the only alternative we've got," says Renee Cicero, local representative for the Air Transport Union. Cicero claims her hands have been tied because no one is filing formal complaints. Then the question will be what to do with the people who are still sick and out of work. "That," says Cicero, "will be another mess."

For further information about sick-building syndrome, contact the EPA's Indoor Air Quality Information Clearing House at 800-438-4318, or visit the agency's website, with links to other indoor-air-quality information websites, at www.epa.gov/iaq.

Acting Up in the Air

As violent, unruly flyers turn the friendly skies into a high-altitude riot, airlines are finally clamping down on air rage

LIKE ANY SEASONED FLIGHT ATTENDANT, Fiona Weir has had her share of disgruntled passengers. But Steven Handy, 37, an unemployed Englishman who boarded an Airtours late-night flight from London to Spain six weeks ago, was a different breed. Apparently drunk at takeoff, he ignored Weir's warnings not to smoke in the lavatory, cursed her and demanded liquor, Weir says. Then, just as the plane was landing in Málaga, Handy reportedly smashed her over the head with a duty-free vodka bottle before being restrained by fellow passengers.

Unfortunately, Handy, who's out on bail pending an investigation in Spain, isn't the only traveler venting air rage. Ten days ago, a drunken, unruly Finnish passenger on a Malev Hungarian flight died after the crew reportedly strapped him to his seat and injected him with tranquilizers.

With record numbers of passengers taking to the skies and the busy holiday-travel season at hand, stressed-out travelers with less room to stretch are increasingly directing their anger at flight crews, punching an attendant, head butting a copilot or trying to break into the cockpit. "Passenger interference is the most pervasive security problem facing airlines," Captain Stephen Luckey of the Air Line Pilots Association testified before Congress. Though still relatively small, the number of incidents is estimated to have at least doubled in recent years. Nearly a thousand episodes took place within U.S. jurisdiction last year.

The airlines are finally fighting back. Leading the way is Richard Branson, chairman of Virgin Atlantic Airways. In the aftermath of the assault on Weir, who required 18 stitches, Branson engineered a British lifetime air-travel ban on Handy. As the industry convened last month in London to address the overall problem, he urged carriers to establish a worldwide air-rage database to blacklist the worst offenders. "There [must] be a deterrent against this behavior," Branson says.

Some carriers have already taken action. Northwest Airlines has permanently blacklisted three violent travelers from flying. Yet prosecuting air rage isn't easy; many countries have no jurisdiction over a passenger who arrives on a foreign airline. In the U.S., the Justice Department is working harder to convict defendants; last summer a man who threw hot coffee on a flight attendant and tried to open an emergency door was fined \$10,000 and sentenced to three years in prison. This fall British Airways began handing out "warning cards" to anyone getting dangerously out of control. Some airlines



DEFENSE: Flight crews are training to handle violent passengers

include a pair of plastic handcuffs as standard onboard equipment, and flight attendants on KLM and USAirways undergo training to deal with aggressive behavior.

What accounts for this decline in decorum? Airlines run a virtually free, open bar in first and business class, where some of the nastiest episodes occur. The booze is supposed to keep customers calm but may be having the opposite effect on some. Others say being deprived of a different vice, cigarettes, is a major cause of unruliness. No wonder Austrian Airlines has said it will offer nicotine-substitute inhalers to passengers once a soon-to-come smoking ban takes effect. Then there are those who blame the airlines themselves. Says Hal Salfen, of the International Airline Passengers Association: "Flights are full, there are fewer flight attendants, and there's a general indifference toward the passenger." He sounds a little angry, doesn't he? —By Daniel Eisenberg.

With reporting by Helen Gibson/London

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NEWS BRIEFS

By 2025, 35% of the world's people will face water shortages, according to a Johns Hopkins University School of Public Health report. *Solutions for a Water-Short World* reports that 31 countries already face water stress or scarcity. Population growth and water demand are soaring, but freshwater supplies are finite and threatened by pollution, the report states. Conflicts over water are already brewing in Africa, Central Asia, the Middle East, and South America. The report concludes that countries must conserve water, pollute less, manage supply and demand, and slow population growth in order to avoid a crisis. The report is available at <http://www.jhucepp.org/poprppts.stm>.

Breast-fed infants can be exposed to lead that has accumulated in a woman's bones, according to a study published by Australian and American scientists. It is the first report to quantify the release of lead stored in bones. The lead exposure of breast-fed infants could constitute a health risk if the mother previously had been exposed to high lead concentrations from external sources such as leaded paint, pottery, or gasoline, according to the authors of "Relationships of Lead in Breast Milk to Lead in Blood, Urine, and Diet of the Infant and Mother". (*Environ. Health Perspect.*, 106(10))

Genetically modified plants may be more likely to pass on their genes than previously thought, report scientists from the University of Chicago. Most transgenic plants are promoted as being self-fertilizing. The scientists compared the likelihood of external fertilization using two lines of *Arabidopsis thaliana*: one was genetically engineered to be resistant to the herbicide chlorsulphuron, while the second was bred to have the same resistance using conventional selection techniques. The transgenic plants proved 20 times more likely to swap genetic material with nearby

wild relatives, the authors state in "Promiscuity in Transgenic Plants." (*Nature*, vol. 395, no. 6697)

Significant quantities of new PCBs are entering the Delaware River, according to a report released by the Delaware River Basin Commission. Contradicting the widely held notion that the river's PCB contamination is predominantly a legacy from existing contaminated sediment, the report indicates that the vast majority of the new PCB inputs come from sewage treatment plants during wet weather. *Study of the Loading of Polychlorinated Biphenyls From Tributaries and Point Sources Discharging Into the Tidal Delaware* is available in PDF format at <http://www.state.nj.us/drbc/regs/pcb-new.pdf>.



\$1.4 million was awarded by the U.S. Department of Energy (DOE) for renewable energy projects in 15 states and territories in August. The largest grant, almost \$400,000, will fund systems using photovoltaic cells to generate power and heat hot water on Block Island, R.I. Grants also were issued for a wood-fired cogeneration project in Vermont and a methane recovery and conversion project in Iowa. Many of the renewable energy projects are expected to reduce dependence on diesel-powered electric generators for remote, off-grid, or backup power needs. For more information, call Dan Tonn, DOE Office of Utility Technologies, at (202) 586-4610.

Children whose mothers live near hazardous landfill sites are more likely to have congenital birth defects, conclude researchers at the London School of Hy-

giene and Tropical Medicine. In the article, "Risk of Congenital Anomalies Near Hazardous-Waste Landfill Sites in Europe," scientists analyzed epidemiological data from five countries and 21 industrial landfills. They found that women who resided within 3 km of these sites had a "small, but statistically significant" increased risk of giving birth to babies with congenital anomalies, including cardiac, neural, and circulatory malformations. Outside of the United Kingdom, socioeconomic status was not suspected to be a contributing factor. (*The Lancet*, 352(9126))

A significant cause of "sick-building syndrome" was identified through a survey of 48 school buildings conducted by researchers at Texas Tech University. The 22-month survey found all buildings to have traces of penicillium and stachybotrys—two fungi that cause allergic or toxic reactions. The syndrome causes headaches and respiratory problems in some office workers and children. "Correlation Between the Prevalence of Certain Fungi and Sick Building Syndrome" is said to be the first published study to "achieve statistical significance by actually testing dozens of buildings." (*J. Occup. Environ. Med.*, 55(9))

Despite the lofty national goal of no net wetlands loss established in 1989, there is still no reliable data documenting the country's wetlands acreage, a recent report by the U.S. General Accounting Office (GAO) found. Both the U.S. Fish and Wildlife Service and the U.S. Department of Agriculture's Natural Resources Conservation Service maintain inventories estimating the nation's wetlands acreage. Because these estimates are not consistent, the report concludes that the latest Clean Water Action Plan strategy of achieving an annual net gain of 100,000 acres of wetlands starting in 2005 cannot be measured. For a copy, of *Wetlands Overlook: Problems with Acreage Data Persist* (GAO/RCED-98-150), call the GAO at (202) 512-6000, or fax a request to 1-202-512-6061.

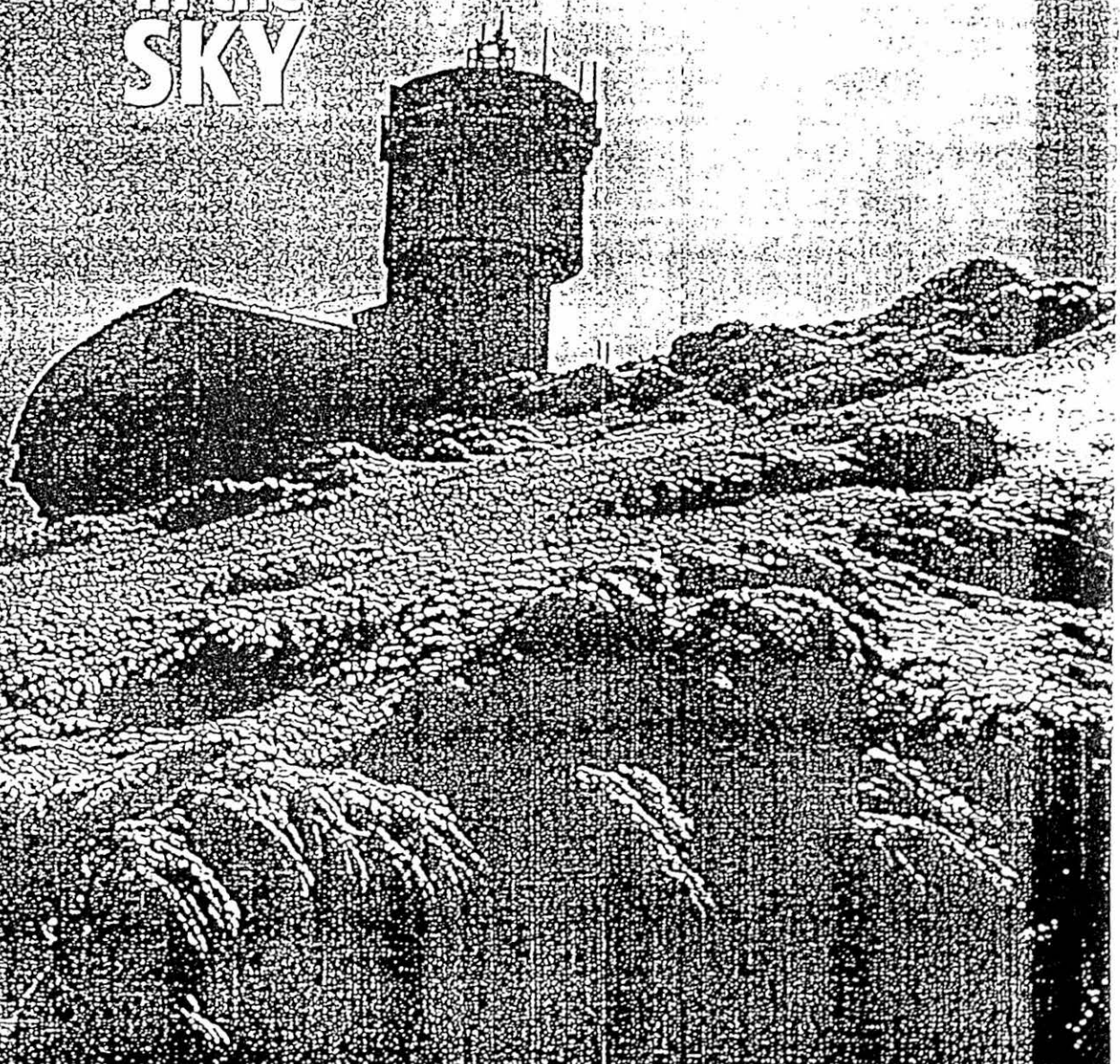
The Witch of November • Turbulent Skies • The Big Wind

Weatherwise

November/December 1998

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NASA scientists hope to participate in future projects with NOAA, although there are now no firm plans to do so. In the future, scientists hope forecasters will be able to use this experimental data on a real-time basis. —Philip Chien

Texas Tech Mobilizes

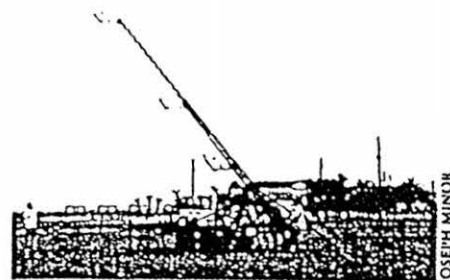
Texas Tech University scientists took storm chasing to new heights during the 1998 hurricane season. They chased down four landfalling hurricanes in five

weeks, deployed their mobile instrument tower, and logged invaluable, unprecedented data.

Even with new radar and satellite systems, aircraft reconnaissance, and buoys, detailed data on high winds surrounding the eye of a hurricane in the "habitation layer" (the lowest 50 feet) have been sketchy at best. But Texas Tech's Wind Engineering Research Center is set to fill in some of the gaps.

Their Wind Engineering Mobile Instrumented Tower Experiment (WE-

Board Minutes
February 11-12, 1999
Attachment 12, page 21



The WEMITE tower is taken down in Rockport, Texas, after Tropical Storm Charley roared through.

MITE) is a structurally reinforced, heavily anchored 35-foot tower designed for rapid deployment. It carries instruments at 10, 20, and 35 feet, recording wind speed and direction, barometric pressure, temperature, and relative humidity.

On August 21st, a team of six researchers raced to the Corpus Christi, Texas, area with the tower in their truck. They erected it in the pre-dawn hours, and took data on Tropical Storm Charley. On the 24th, they headed to Wilmington, North Carolina, where they logged 34 hours of data as Hurricane Bonnie passed right over them. Then, on September 2nd, as Hurricane Earl approached the Gulf of Mexico, the WEMITE collected data in Panama, City, Florida. They also caught up with Hurricane Georges in Mississippi in late September.

Meteorologists hope the new data will help them understand how tropical storms change when they hit land. Engineers hope it will lead them to better understand structural failures and help them design future buildings.

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Officials tout safe rooms for tornadoes

Tulsa gets grant to promote
reinforced sections of homes

Associated Press 12/9/98
TULSA, Okla. — Otto and Nancy Deacon are building a room outfitted with an extra-thick slab foundation and a patchwork of steel bars to reinforce its concrete walls.

"The function of it isn't to be pretty," Ms. Deacon said. "It's to be safe. And it will be."

City, state and federal officials gathered at the Deacons' house earlier this week to analyze the room being built to withstand tornadoes.

They praised the construction and said more homeowners should consider adding rooms that will outlast high winds and flying debris.

"This safe room is top-of-the-line, as far as we're concerned," said Ben Frizzell, public information officer for the state Office of Emergency Management.

Jim LeGrotte, director of mitigation for Region VI of the Federal Emergency Management Agency, announced a \$50,000 grant to the city of Tulsa for promotion of safe rooms.

Charles Hardt, director of Tulsa's Department of Public Works, said a city committee will decide how to publicize the concept and spend the grant.

Monday's news conference was timed to commemorate the F4-category tornado that struck Tulsa on Dec. 5, 1975, injuring 38 people.

Booklets from FEMA explain the costs of safe rooms — from \$2,000 to \$6,000 — and include tips on construction materials, designs and location. The plans can be used in building or modifying homes.

The Deacons, who began construction about a week ago, said they plan to store heirloom photos inside the small shelter added to one corner of their house. The peace of mind justifies the cost, they said.

"It's a real comfort. We're just thrilled to have an opportunity to experiment with it," Ms. Deacon said. "I'm not afraid of storms. But I think it's a wonderful, wonderful feeling to know there's a place to go where you will be absolutely safe."

Ernst Klesling, a professor of civil engineering at Texas Tech University, said the room should be able to withstand 250-mph winds and protect occupants from loose debris.

Mr. Klesling said Texas Tech's Wind Engineering Research Center fielded thousands of inquiries about safe rooms after a tornado in 1997 killed 27 people in Jarrell, Texas.

Lans Ruthfusz, meteorologist in charge of the National Weather Service office in Tulsa, said the agency does what it can to warn of oncoming storms. But Mr. Ruthfusz said people must take the responsibility to find shelter.

Brooks, Texas Tech team up

Jet fuel research part of program

By SIG CHRISTENSON
EXPRESS-NEWS STAFF WRITER

Brooks AFB and Texas Tech University will jointly study jet fuel exposure in humans through an institutional union one local leader touted as the first major partnership in the military base's conversion to a "city base."

Texas Tech's Institute of Environmental and Human Health recently began working with the Air Force on the project.

The Environmental Protection Agency, University of Texas Health Science Center and a division of the National Institutes of Health (NIH) already are involved.

"It is a significant step," said Bob Sanchez, chairman of a task force charged with developing Brooks as a city base by 2001.

"This is setting up the framework for those types of partnerships," he said. "It's establishing the relationship, and from there we want to look at other things that will create jobs."

The "city base" would be unlike any other in the Air Force, cutting costs by partnering with a variety of research groups and commercial firms.

Local leaders hope the idea will stop the closure of Brooks, the costliest base per capita of 13 in the Air Force Materiel Command.

The city base concept involves adding value to Brooks' missions, forming public partnerships and sharing facilities, Sanchez said, noting the joint study with the Lubbock university "matches those three areas."

The Texas Tech-Brooks project was funded in the new \$252 billion defense budget and is the base's latest collaborative effort focusing on environmental and health hazards.

Brooks last year entered into partnerships with the Health Science Center and the NIH's Nation-

■ See TEXAS/3C

Friday, December 11, 1998 3C

Texas Tech partner in project

■ Continued from 1C

al Institute of Environmental Health Sciences to set up a framework for collaborative projects.

Researchers hope to prevent illness and injury among Air Force workers while cutting medical costs by determining safe exposure levels to chemicals.

Tech has published extensively on the Air Force's environmental mitigation efforts, and worked closely with the EPA on finding new ways to assess the risks of chemicals in the environment.

"They have a strong environmental toxicology capability in their school," Eric Stephens, deputy director of the Air Force's Institute for Environment, Safety and Occupational Health Risk Analysis at Brooks, said of Texas Tech.

The Air Force switched from JP-4 to JP-8 jet fuel several years ago, Stephens said. JP-8 is less flammable, but poses a greater health risk to handlers.

"The concerns that we are addressing represent hundreds of millions of dollars of liability for the Air Force," said Ronald J. Kendall, director of Tech's health institute. "The concerns are tremendous financially as well as scientifically."

The deal with Tech comes as Air Force and city leaders work to prevent the closure of Brooks, where budget cuts will eliminate 146 military and civilian operation and maintenance jobs this year.

The partnership with Tech will not create any permanent jobs, base spokesman Larry Farlow said. But it could spark future spinoff businesses that might open at Brooks as the base expands public-private alliances, he said.

"In the best of all worlds, that's what we're hoping for," Farlow said.

LUBBOCK AVALANCHE-JOURNAL

p. 30

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★ Saturday, December 12, 1998

50 cents

Tech joins \$5 million study

By MARY ALICE ROBBINS
Morris News Service

AUSTIN - Texas Tech University and Brooks Air Force Base in San Antonio are teaming up to study the hazards posed by toxic military waste on the environment and human health.

One aspect of the project will look at the impact on humans exposed to jet or rocket fuels. Researchers also will develop hand-held monitoring equipment that can more efficiently and less expensively measure exposure to chemicals used in base operations.

In addition, researchers will study the surrounding environments of Air Force bases to determine the extent of ecological health hazards from the release of chemicals into the soil and ground water.

The very problem exists at Reese, where a cleaning solvent has contami-

nated ground water beneath Reese and under some land adjacent to the former base. An Air Force cleanup program is ongoing at Reese.

The Tech/Brooks project "is all about solving problems," said Richard J. Kendall, director of Texas Tech's Institute of Environment, Safety and Occupational Health Risk Analysis.

The institute, located at the former Reese Air Force Base in Lubbock, will work with the Air Force on the project.

Congress provided the \$5 million that will go to Tech and Brooks to do the research. The funding was included in the new \$252 billion defense budget.

David Schmidly, Tech vice president for research and graduate studies and dean of the graduate school,

said the project will bring money to Texas for the cleanup of toxic chemicals on bases. The project will help the Air Force understand the chemicals and problems that they may be causing on bases, he said.

After the Air Force determines the impact chemicals may be having, it can determine the extent of cleanup that's needed at a base, Schmidly said. Millions of dollars in tax money might be saved if a total cleanup isn't necessary, he said.

"But you don't want to take a risk in those decisions," Schmidly added.

Tech has published articles on the Air Force's efforts to mitigate environmental problems on bases and has worked with the Environmental Protection Agency to find new ways to assess risks of chemicals in the environment.

"Texas Tech has a very strong environmental toxicology program," said Eric Stephens, deputy director of the Air Force's Institute for Environment, Safety and Occupational Risk Analysis at Brooks. "We were looking for somebody to partner with that will complement our expertise."

Stephens said about 50 percent of the project will involve studying the impact jet fuel exposure has on humans. The Air Force switched to a less flammable jet fuel several years ago to reduce the risk to combat aircraft, he said.

While the JP8 fuel used now makes flying safer, Stephens said, it is more hazardous to humans because it's heavier and doesn't evaporate as fast. He said researchers will measure and document the long-term health effects the fuel has on humans.

Mary Alice Robbins can be contacted at (512) 482-9429.



NCAA Certification
Self Study Update
Faculty Senate 2/10/99
Board of Regents 2/11/99

1. NCAA Division I certification every 8-10 years
2. Last of the first group
3. Self Study examines 4 areas
 - a. Fiscal Integrity
 - b. Academic Integrity
 - c. Commitment to rules compliance
 - d. Commitment to equity
4. Subcommittees for each of the four areas are responsible for:
 - a. Operating principles and standards
 - b. Questions related to the principles
 - c. How activities relate to the University Mission & Vision
5. Cross campus involvement
 - a. required
 - b. Education/information important
 - c. Open forum - May 24
6. Committee update
 - a. Reports under review
 - b. Recommendations being developed
 - c. Website (H)
 - d. Mail to committee and NCAA by March 29
7. Site visit on June 7-10
8. Report/follow up/decision in the fall

Texas Tech University has a Website Link for its 1998 – 1999 NCAA Self-Study

To ACCESS Texas Tech's WEBSITE: key in *http://www.texastech.edu/*

- Then, GO TO: Texas Tech Academic Campus and *CLICK* on it.
- SCROLL DOWN to the BOTTOM of the page
- On the LEFT hand side there will be a box with the subheading:
CURRENT EVENTS.
- *CLICK* on NCAA SELF-STUDY

OR

To ACCESS Texas Tech's WEBSITE: key in *http://www.texastech.edu/*

- Then, GO TO: Texas Tech Academic Campus and *CLICK* on it.
- SCROLL DOWN to: Faculty & Staff and *CLICK* on it.
- At the top on the new menu will be ADMINISTRATION; *CLICK* on it.
- *CLICK* on: Division I Athletics Certification 1999

Alcohol Programs Report
Board of Regents
2/11/99

A. Background

1. Problem for some time/now more attention
2. Reason: Surveys, media attention
3. Parental concern, college presidents, NASPA, Tragic examples
4. Harvard School of Public Health study (1977) (H)
5. Binge drinking (Excessive drinking at one sitting 5 & 4)
6. Our own studies
7. University of Michigan Study - who we get
8th grade 15% 10th-25% 12th-31% had engaged in binge drinking
8. Student health, safety and discipline problems

B. Texas Tech

1. Concern
2. Policies & programs
3. Guide Ten Components of a Successful Program (Promising Practices: Campus Alcohol Policies - Anderson & Milgram, 1996, George Mason University.
 - a. Awareness & information
 - b. Environmental and targeted approaches
 - c. Inclusion in the curriculum
 - d. Peer based initiatives
 - e. Adequate training
 - f. Appropriate support services
 - g. Staffing and resources
 - h. Sound policies and effective implementation
 - i. Enforcement of policies and laws
 - j. Assessment and evaluation

C. Policies - Student Affairs Handbook

1. *Part VI Registration of Student Organizations*
Registered student organization activities "shall be lawful" (A4) and "peaceful" (e.g., minors in possession, public intoxication, hazing, etc.) Or subject to disciplinary action in accordance with the *Code of Student Conduct*.
2. *Part VIII Solicitations, Advertisements, and Printed Materials*
The "practice" of the Dean of Students Office and Student Organization Services Office prohibits on-campus posting by students and registered student organizations

promoting alcohol or co-sponsorship of on-campus programs with alcohol related businesses (e.g., bars, etc.) Excluding the advertising policy of *University Daily*.

3. *Part LX Code of Student Conduct*

Prohibits the "use, possession, sale, delivery, or distribution of alcoholic beverages or intoxication on university premises".

D. Federal Law

1. **Higher Education Amendments (October 7, 1998)**

- * Requires, the disclosure of disciplinary referrals for alcohol & drugs, disclosure of campus crimes (including alcohol & drugs) on campus, non-campus (e.g., fraternity & sorority facilities), public property, and residential facilities (e.g., residence halls).
- * Amends FERPA and permits colleges/universities to release to parents of students under 21 information related to alcohol & drug disciplinary violations.
- * The sense of Congress calls on colleges/universities to take steps to reduce binge drinking.

E. Education/Programs

1. **Alcohol 101**

Served as a pilot campus in 1997 to test the new Alcohol 101 interactive CD-ROM alcohol education program developed by the University of Illinois funded by the Century Council. The 1998 Alcohol 101 CD-ROM's have been distributed primarily to fraternities and additional copies available through the Dean of Students Office.

2. **Campus Safety 1998-1999**

The Dean of Students Office annually develops an updated Campus Safety Brochure highlighting university policies, resources, etc. related to alcohol & drugs and distributed to students during fall/spring/summer orientation registrations and faculty/staff via Personnel Office (campus mail).

3. **Driving While Intoxicated**

The Dean of Students Office in cooperation with Traffic & Parking Services and the Texas Department of Transportation provided "Driving While Intoxicated" brochures highlighting new Texas state laws regarding drunk driving along with faculty, staff, and student on-campus parking permits in August 1998.

4. **President's AOD Task Force**

Established by President Donald R. Haragan on October 7, 1998 - representatives include TTU faculty, staff, students and Lubbock community agencies - meetings held in October & November 1998. Next meeting scheduled for Tuesday, February 23, 1999.

5. **TEAM Alcohol Class**
Coordinated through Student Health Services and in cooperation with the Dean of Students Office and department of Housing & Dining Services for students involved in on-campus violations of university and residence hall policies related to alcohol consumption.
6. **Brown Bag**
Alcohol & Outcomes Expectancies Presentation - Dr. Kim Fromme, Associate Professor, Department of Psychology, The University of Texas at Austin - Monday, February 15, 1999 (Weeks Hall Training Room) - sponsored by the Dean of Students Office in cooperation with the Department of Human Development & Family Studies and President's Alcohol & Other Drug Task Force.
7. **GAMMA**
Greeks Advocating the Mature Management of Alcohol, a registered student organization of social fraternity/sorority members advised through the Dean of Students Office (Greek Life Programs).
8. **Safe Ride Program**
Coordinated through the HSC Student Government and partially funded from allocations from the Student Service Fee Advisory Committee providing free rides for TTU students (TTU ID) from local establishments directly to place on residence.
9. **Shock Doc**
Straight Talk About Drugs - Dr. Larry Alexander, Baylor University Medical Center at Dallas (1989 graduate of Texas Tech University School of Medicine) - April 1999 (in conjunction with the 25 Year Anniversary of TTUHSC) - sponsored by the Dean of Students Office, President's Alcohol & Other Drug Task Force, and University Alcohol Awareness Committee.
10. **Teleconference**
Alcohol Abuse & Campus Violence: Rights, Rebellion & Responsibilities - Friday November 13, 1998 (University Center Senate Room) - sponsored by the Dean of Students Office.
11. **Wellness Programs**
Coordinated through the Wellness Center in the Department of Recreational Sports and in conjunction with the University Alcohol and Other Drug Awareness Committee including alcohol education programming (e.g., National Collegiate Alcohol Awareness Week in October, Safe Spring Break in march, etc.).
12. Student Health Service
13. Counseling Center

14. Student Legal Services
15. Human Development and Family Studies - Center for the Study of Addiction

F. Research

1. **CIRP Freshman Survey**
 - a. Dean of Students Office in cooperation with IS 1100 Freshman Seminar - August
 - b. 1998 *Among 948 TTU freshman respondents, 59.9% reported "drank beer" during the past year compared to 52.3% at other public universities and 66.7% reported "drank wine or liquor" during the past year compared to 55.5% at other public universities.*
2. **CORE Alcohol Survey**
 - a. Dean of Students Office in conjunction with the Department of Housing & Dining Services - April/May/June 1998
 - b. *Among the 244 freshman respondents, with respect to "five or more drinks at one sitting during past two weeks [binge drinking]", 41.7% reported none, 12.7% reported once, 16.5% reported twice, and 18.5% reported 3 to 5 times.*
 - c. *Also, freshman respondents when asked "age first used alcohol", 29.5% between 14-15 and 34.7% between 16-17.*
 - d. *when asked "alcohol use in past year", 16.7% never, 20.9% twice a week, and 27.1% 3 times a weeks.*
3. **Freshman Year Experience Survey**
 - a. Dean of Students Office and Institutional Research Office in cooperation with the Vice President for Student Affairs Office - October/November 1998
 - b. *Among 462 TTU freshman respondents, with respect to "best describes your alcohol consumption so far this semester", 41.6% reported "Not at all", 24.7% "Infrequently", 2.4% "Daily", 22.5% "Weekly", and 8.9% "Monthly"*
4. **Harvard Alcohol Study**
 - a. Dean of Students Office in conjunction with the Institutional Research
 - b. *Among 143 TTU undergraduate respondents, with respect to "abstainers", TTU 14.5% to 19.0% from 1993-96 compared to 14.% from 16 other colleges/universities;*
 - c. *"Drank, but did not binge", TTU 36.3% to 26.1% from 1993-96 compared to 37.9% from 16 other colleges/universities;*
 - d. *"Binged 1-2 times past two weeks", TTU 27.4% to 28.9% from 1993-96 compared with 24.6% from 16 other colleges/universities;*
 - e. *Binged 3 or more times past two weeks", TTU 21.8% to 26.1% from 1993-96 compared to 23.4% from 16 other colleges/universities.*

G. Innovations

1. Alcohol Education/Prevention

The Dean of Students Office in conjunction with the Dr. Carl M. Anderson, Director of the Center for the Study of Addiction and representatives of the President's Alcohol & Other Drug Task Force recommended the creation of a new exempt staff position (e.g., Assistant Dean of Students), non-exempt staff position (e.g., Secretary III), and maintenance/operation budget to coordinate current alcohol education/programming/research (Center for the Study of Addiction, Dean of Students Office, Housing & Dining Services, and Student Health Services, etc.) And committees (President's Alcohol & Other Drug Task Force, University Alcohol Awareness Committee, etc.) And enhance alcohol education and particularly prevention programs within the University and Lubbock communities (e.g., Justice of the Peace referrals for MIP/PI violations, etc.).

2. National Alcohol Screening Day

The Dean of Students Office will propose that the Department of Housing & Dining Services and President's Alcohol & Other Drug Task Force co-sponsoring Alcohol 101 in the new 24 hours Chitwood/Weymouth Computer Lab promoting "National Alcohol Screening Day" scheduled for April 8, 1999.

3. Social Norms Approach to Preventing Binge Drinking at Colleges and Universities

The Dean of Student Office has proposed a social marketing campaign in partnership with the University Daily similar to the Program at Northern Illinois University which noted a reduction in binge drinking.

4. State Certified Court Referrals for MIP/PI

- a. The Dean of Students Office and Department of Housing & Dining Services (October 1998) have certified two (2) exempt staff members through the State of Texas MIP alcohol education program.
- b. New MIP laws required fines, suspension, community service and class by certified trainer.
- c. On campus, less cost

5. Student Life Research

The Dean of Students Office has developed *Student Life Research* newsletters providing executive summaries of the CORE Alcohol Study (Volume 1, No. 2, April 1998) and Harvard Alcohol Study (Volume 1, No. 3, June 1998) distributed to the Division of Student Affairs and other academic/administrative departments.

6. Texas Department of Transportation

The Dean of Students Office has presented two (2) grant proposals (due January 31, 1999) to the Texas Department of Transportation to support future alcohol research and support the Safe Ride program.

7. State-wide coalition

8. Workshop

H. Comment

1. Need to focus on the environment not just education
2. Need to assess results
3. Work to do
4. Everyone needs to be involved

TEXAS TECH UNIVERSITY
SUMMARY OF CHANGES IN GLOBAL FEE DOCUMENT
Effective Beginning Fall Semester, 1998⁹

(A) Tuition - All Colleges Except School of Law

As a result of action taken in the 75th Legislature, Regular Session, the following tuition rates are in effect for the academic year beginning with the fall semester, 1998⁹:

1. All Colleges Except School of Law - Residents of Texas: The rate is \$~~36~~ 38 per semester credit hour, with minimums of \$120 for a long term and \$60 for a summer term for the ~~1998-1999~~ 1999-2000 academic year.
2. All Colleges Except School of Law - Non-Resident Students, United States Citizens and Foreign Students: The rate is \$249 per semester credit hour, no minimums, for the ~~1998-1999~~ 1999-2000 academic year or until further notification from the Texas Higher Education Coordinating Board.
3. The Board of Regents has authorized the President to approve the assessment of additional tuition at a rate not to exceed the maximum allowed by law per semester credit hour from students enrolled in graduate program courses of up to 2 times the undergraduate rate.
4. The President of Texas Tech University is authorized, in accordance with state statutes, to require those graduate students exceeding the maximum doctoral hours as established by the State of Texas to pay non-resident tuition regardless of residence status.
5. Listed below is a comparison of tuition and mandatory fees for a student taking a 15 semester-credit-hour load:

	Resident Student		Non-Resident Student	
	1998-1999	<u>1999-2000</u>	1998-1999	<u>1999-2000</u>
Tuition	\$ 540.00	<u>570.00</u>	\$ 3,735.00	
Student Services Fee	115.00	<u>123.60</u>	115.00	<u>123.60</u>
Medical Services Fee		52.00		52.00
University Center Fee		30.00		30.00
Institutional Tuition	540.00	<u>570.00</u>	540.00	<u>570.00</u>
Information Technology Fee		90.00		90.00
Misc. Mandatory Fees	3.50	<u>4.50</u>	3.50	<u>4.50</u>
Course Fee(s)		50.00		50.00
Total Estimate* (W/O Housing)	1,420.50	<u>1,490.10</u>	\$ 4,615.50	<u>4,655.10</u>
% Increase		<u>4.95</u> <u>4.90%</u>		<u>0.81</u> <u>.86%</u>

*Estimate does not include laboratory and library fees. Laboratory fee may vary from a minimum of \$2.00 to \$30.00 per course and the Library Fee is \$2.00 per semester credit hour

	Resident Student	Non-Resident Student
Add: on Campus Housing	3,963.00 4,159.00	3,963.00 4,159.00
Total with Housing	\$ 5,383.50 5,649.10	\$ 8,578.50 8,814.10
% Increase	5.00 4.93%	3.00 2.75 %

(B) Institutional Tuition

Section 54.0513 amended Section 55.16, of the *Texas Education Code*, in the 75th Legislature and authorized the assessment of the Institutional Tuition in an amount not to exceed the amount assessed for tuition. The \$2 per semester credit hour increase to \$36 ~~38~~ per semester credit hour will be used to provide funds for the general operating expenses of the university. As stipulated in Section 54.0513(f), *Texas Education Code*, a public hearing has been scheduled prior to effecting the increase. Institutional tuition incremental annual funds generated: \$700,000.

(C) Student Services Fee

The Student Services Fee Advisory Committee, comprised of students, recommends that this fee be \$9.60 ~~10.30~~ per semester credit hour with a \$115.00 ~~123.60~~ maximum for full-time students (those registered for 12 semester credit hours or more). The increased maximum charge is \$4.00 ~~8.60~~ per regular semester. The increase was recommended to provide the funds for salary and fringe benefit increases and to fund the 67.5% increase for the campus bus system. Student services fee incremental annual funds generated: \$375,000.

(D) Miscellaneous Mandatory Fees

The Identification Maintenance Fee is \$3.50 ~~4.50~~. Under Other Fees, the \$1.00 increase will provide for the cost of equipment upgrade of aging equipment and for anticipated costs of salary and fringe benefit increases.

(E) Housing Fees

- (1) Rate increases are recommended due to growth in actual and anticipated expenses. Salary costs are expected to be higher if a pay raise for all full-time employees is approved. New facilities at Carpenter/Wells, and new services for built in computer networks and private phone lines have increased debt service and operating costs. Utility rates and food costs continue to rise each year. In 1993, a four-year guaranteed rate policy was established to encourage students to return to the residence halls. Even with the recommended increases, approximated 50% of residents will have contracted rates below the new rates. The true average rate increase for 1999-2000

will be approximately 4.9%. Housing fees incremental annual funds generated: \$1,000,000.

- (E) (2) Waivers of Housing and Dining fees may be granted on an exception basis by the Director of Housing and Dining with the approval of the Vice President for Student Affairs. Criteria for such waivers are developed by the Director of Housing and Dining and the Vice President for Student Affairs.

(F) Parking Fees and Penalties

Parking fees and penalties were approved by the Board of Regents at their meeting on November 13, 1998 in Board Meeting Minutes Item CW21 in Attachment CW4.

(G) Binding Theses and Dissertations

Microfilming and Binding Fees for Theses is \$40 45 and for Dissertations is \$90 95. The \$5 rate change in the Microfilming-Binding Fee reflects an increase from University Microfilms, Inc. (the microfilming company).

- (H) Any waivers of fees shall follow the guidelines in the *Board of Regents Policies 09.03-09.07* or as provided in the appropriate *Texas Education Code* statute.

(1) REGISTRATION FEES

(A) All Colleges Except School of Law

1. Residents of Texas - Long Term

	a.	b.	c.	d.	e.	f.	g.	h.	
	*State Tuition ¹	Student	Medical		University	Information	Misc.		
	\$38/SCH	Services	Services	Inst.	Center	Technology	Mandatory	Library	
Hours	\$120 Min.	Fee** ¹	Fee	Tuition ¹	Fee	Fee	Fees ¹	Fee	Total
1	\$ 120.00	\$ 10.30	\$ -	\$ 38.00	\$ -	\$ 6.00	\$ 4.50	\$2.00	\$180.00
2	120.00	20.60	-	76.00	-	12.00	4.50	4.00	237.10
3	120.00	30.90	-	114.00	30.00	18.00	4.50	6.00	323.40
4	152.00	41.20	52.00	152.00	30.00	24.00	4.50	8.00	463.70
5	190.00	51.50	52.00	190.00	30.00	30.00	4.50	10.00	558.00
6	228.00	61.80	52.00	228.00	30.00	36.00	4.50	12.00	652.30
7	266.00	72.10	52.00	266.00	30.00	42.00	4.50	14.00	746.60
8	304.00	82.40	52.00	304.00	30.00	48.00	4.50	16.00	840.90
9	342.00	92.70	52.00	342.00	30.00	54.00	4.50	18.00	935.20
10	380.00	103.00	52.00	380.00	30.00	60.00	4.50	20.00	1,029.50
11	418.00	113.30	52.00	418.00	30.00	66.00	4.50	22.00	1,123.80
12	456.00	123.60	52.00	456.00	30.00	72.00	4.50	24.00	1,218.10
13	494.00	123.60	52.00	494.00	30.00	78.00	4.50	26.00	1,302.10
14	532.00	123.60	52.00	532.00	30.00	84.00	4.50	28.00	1,386.10
15***	570.00	123.60	52.00	570.00	30.00	90.00	4.50	30.00	1,470.10

¹ See SUMMARY OF CHANGES, Items (A), (B), (C), and (D).

* Add for enrollment in Graduate Programs in: Agriculture - \$38; Architecture - \$37; Arts and Sciences - \$23, except for Theatre & Dance and Public Administration - \$25; Business Administration - \$38; Engineering - \$38; Human Sciences - \$38 per semester credit hour.

** See Student Services Fee Schedule of services provided.

*** Hours over 15, add \$38 per hour for Tuition, \$38 per hour for Institutional Tuition, and \$6 per hour for Information Technology Fee.

(Enrollment at the Junction Center during the Long Term not anticipated).

2. Residents of Texas - Summer Term

	a.	b.	c.	d.	e.	f.	g.	h.	
	*State Tuition ¹	Student	Medical		University	Information	Misc.		
	\$38/SCH	Services	Services	Inst.	Center	Technology	Mandatory	Library	
Hours	\$60 Min.	Fee** ¹	Fee	Tuition ¹	Fee	Fee	Fees ¹	Fee	Total
1	\$ 60.00	\$ 10.30	\$ -	\$ 38.00	\$ -	\$ 6.00	\$ 4.50	\$ 2.00	\$ 120.80
2	76.00	20.60	-	76.00	-	12.00	4.50	4.00	193.10
3	114.00	30.90	-	114.00	15.00	18.00	4.50	6.00	302.40
4	152.00	41.20	26.00	152.00	15.00	24.00	4.50	8.00	422.70
5	190.00	51.50	26.00	190.00	15.00	30.00	4.50	10.00	517.00
6	228.00	61.80	26.00	228.00	15.00	36.00	4.50	12.00	611.30
7***	266.00	72.10	26.00	266.00	15.00	42.00	4.50	14.00	705.60

¹ See SUMMARY OF CHANGES, Items (A), (B), (C), and (D).

* Add for enrollment in Graduate Programs in: Agriculture - \$38; Architecture - \$37; Arts and Sciences - \$23, except for Theatre & Dance and Public Administration - \$25; Business Administration - \$38; Engineering - \$38; Human Sciences - \$38 per semester credit hour.

** See Student Services Fee Schedule of services provided. Fee not applicable for Summer term enrollment at the Junction Center. Medical Services Fee at the Junction Center is \$3 per semester credit hour. No University Center Fee.

*** Hours over 7, add \$38 per hour for Tuition, \$38 per hour for Institutional Tuition, \$10.30 per hour for Student Services Fee (maximum \$123.60), and \$6 per hour for Information Technology Fee.

3. Non-Resident Students, United States Citizens and Foreign Students - Long Term

	a.	b.	c.	d.	e.	f.	g.	h.	
	State Tuition ¹	Student	Medical		University	Information	Misc.		
	\$249/SCH	Services	Services	Inst.	Center	Technology	Mandatory	Library	
Hours	No Minimum	Fee** ¹	Fee	Tuition ¹	Fee	Fee	Fees ¹	Fee	Total
1	\$ 249.00	\$ 10.30	\$ -	\$ 38.00	\$ -	\$ 6.00	\$ 4.50	\$ 2.00	\$ 309.80
2	498.00	20.60	-	76.00	-	12.00	4.50	4.00	615.10
3	747.00	30.90	-	114.00	30.00	18.00	4.50	6.00	950.40
4	996.00	41.20	52.00	152.00	30.00	24.00	4.50	8.00	1,307.70
5	1,245.00	51.50	52.00	190.00	30.00	30.00	4.50	10.00	1,613.00
6	1,494.00	61.80	52.00	228.00	30.00	36.00	4.50	12.00	1,918.30
7	1,743.00	72.10	52.00	266.00	30.00	42.00	4.50	14.00	2,223.60
8	1,992.00	82.40	52.00	304.00	30.00	48.00	4.50	16.00	2,528.90
9	2,241.00	92.70	52.00	342.00	30.00	54.00	4.50	18.00	2,834.20
10	2,490.00	103.00	52.00	380.00	30.00	60.00	4.50	20.00	3,139.50
11	2,739.00	113.30	52.00	418.00	30.00	66.00	4.50	22.00	3,444.80
12	2,988.00	123.60	52.00	456.00	30.00	72.00	4.50	24.00	3,750.10
13	3,237.00	123.60	52.00	494.00	30.00	78.00	4.50	26.00	4,045.10
14	3,486.00	123.60	52.00	532.00	30.00	84.00	4.50	28.00	4,340.10
15***	3,735.00	123.60	52.00	570.00	30.00	90.00	4.50	30.00	4,635.10

¹ See SUMMARY OF CHANGES, Items (A), (B), (C), and (D).

* Add for enrollment in Graduate Programs in: Agriculture - \$38; Architecture - \$37; Arts and Sciences - \$23, except for Theatre & Dance and Public Administration - \$25; Business Administration - \$38; Engineering - \$38; Human Sciences - \$38 per semester credit hour.

** See Student Services Fee Schedule of services provided.

*** Hours over 15, add \$249 per hour for Tuition, \$38 per hour for Institutional Tuition, and \$6 per hour for Information Technology Fee.

(Enrollment at the Junction Center during the Long Term not anticipated)

4. Non-Resident Students, United States Citizens and Foreign Students - Summer Term

	a.	b.	c.	d.	e.	f.	g.	h.	
	State Tuition ¹	Student	Medical		University	Information	Misc.		
	\$249/SCH	Services	Services	Inst.	Center	Technology	Mandatory	Library	
Hours	No Minimum	Fee** ¹	Fee	Tuition ¹	Fee	Fee	Fees ¹	Fee	Total
1	\$ 249.00	\$ 10.30	\$ -	\$ 38.00	\$ -	\$ 6.00	\$ 4.50	\$ 2.00	\$ 309.80
2	498.00	20.60	-	76.00	-	12.00	4.50	4.00	615.10
3	747.00	30.90	-	114.00	15.00	18.00	4.50	6.00	935.40
4	996.00	41.20	26.00	152.00	15.00	24.00	4.50	8.00	1,266.70
5	1,245.00	51.50	26.00	190.00	15.00	30.00	4.50	10.00	1,572.00
6	1,494.00	61.80	26.00	228.00	15.00	36.00	4.50	12.00	1,877.30
7***	1,743.00	72.10	26.00	266.00	15.00	42.00	4.50	14.00	2,182.60

¹ See SUMMARY OF CHANGES, Items (A), (B), (C), and (D).

* Add for enrollment in Graduate Programs in: Agriculture - \$38; Architecture - \$37; Arts and Sciences - \$23, except for Theatre & Dance and Public Administration - \$25; Business Administration - \$38; Engineering - \$38; Human Sciences - \$38 per semester credit hour.

** See Student Services Fee Schedule of services provided. Fee not applicable for Summer term enrollment at the Junction Center. Medical Services Fee at the Junction Center is \$3 per semester credit hour. No University Center Fee.

*** Hours over 7, add \$249 per hour for Tuition, \$38 per hour for Institutional Tuition, \$10.30 per hour for Student Services Fee (maximum \$123.60), and \$6 per hour for Information Technology Fee.

(2) HOUSING FEES¹

1. Room and Board Rates: ~~1998-1999~~ 1999-2000 Academic Year Charges

(a) Dormitory Rates: (Per Student for a Double Room and rate guaranteed during the Fall and Spring semesters).

	<u>9 Months 20 Meals Per Week</u>	<u>9 Months 13 Meals Per Week</u>	<u>9 Months 9 Meals Per Week</u>
<u>Non-Air Conditioned Halls</u>			
Bledsoe, and Sneed	\$ 3,458 to 3,997	\$ 3,366 to 3,865	\$ 3,307 to 3,797
⁽¹⁾ Gaston, and Doak	\$ 3,489 to 4,030	\$ 3,397 to 3,898	\$ 3,338 to 3,830
<u>Air-Conditioned Halls</u>			
Chitwood, Clement, Coleman, Gates, Horn, Hulen, Knapp, Murdough, Stangel, Wall, and Weymouth	\$ 3,956 to 4,630	\$ 3,864 to 4,498	\$ 3,805 to 4,430
⁽¹⁾ Gaston	\$ 3,987 to 4,663	\$ 3,895 to 4,531	\$ 3,836 to 4,463
<u>Gordon Hall Suites</u>			
Efficiency	\$ 4,025 to 4,696	\$ 3,933 to 4,564	\$ 3,874 to 4,496
Two bedroom suite	\$ 4,126 to 4,814	\$ 4,034 to 4,682	\$ 3,975 to 4,614
One bedroom suite	\$ 4,290 to 5,006	\$ 4,198 to 4,874	\$ 4,139 to 4,806
Additional for a single room in Gordon Hall	\$ 690 to \$ 812		
Additional for a single room in all other halls	\$ 640 to \$ 770		
<u>⁽²⁾Carpenter/Wells Apart- ments</u>			
Four bedroom	\$ 4,770 to 5,186	\$ 4,678 to 5,054	\$ 4,619 to 4,986
Three bedroom	\$ 4,981 to 5,397	\$ 4,889 to 5,265	\$ 4,830 to 5,197
Two bedroom	\$ 5,403 to 5,819	\$ 5,311 to 5,687	\$ 5,252 to 5,619
One bedroom	\$ 5,804 to 6,220	\$ 5,712 to 6,088	\$ 5,653 to 6,020

⁽¹⁾Gaston and Doak Halls operate throughout the academic year. The additional charge will allow residents to remain in the building during the Christmas break.

⁽²⁾All bedrooms in Carpenter/Wells apartments are singles and the complex will operate throughout the academic year.

(b). Gaston Apartment Rates: The Gaston apartments are rented on a monthly basis without a meal plan. These rates include all utilities, furnishings, and telephone.

One bedroom apartment	\$ 420 to 494
Two bedroom apartment	\$ 498 to 581

¹ See Summary of Changes, Item E

- (c) Summer Rates Six-Week Terms: The following rates are for double room and 20 meals per week for a six-week term of summer school:

	Air Conditioned	Non-Air
Residence Halls	\$ 690	\$ 610
Additional for a single room per term	\$ 140	\$ 140

- (d) Miscellaneous Fees: The Department of Housing and Dining Services provides various services in addition to room and board. The following fees are for the various services as listed:

Small guest apartments:

Double Occupancy, per person, per night	\$ 25.00
Single Occupancy, per night	\$ 36.00

Larger guest apartments:

Double Occupancy, per person, per night	\$ 37.00
Single Occupancy, per night	\$ 52.00

Conference room rates:

Double Occupancy, per person, per night	\$ 17.00
Single Occupancy, per night	\$ 23.00

Conference meal rates:

Breakfast	\$ 4.50
Lunch	\$ 6.75
Dinner	\$ 7.90

- (e) Application, Advance, Installment Option and Late Payment Fees:

1. Application Fee — \$30.00 non-refundable fee

2. Advance Payment — \$250.00 Prior to Occupancy:

Cancel by 6/1	\$200 Refund
Cancel by 7/1	\$150 Refund
After 7/1	No Refund
Cancel for Spring:	No Refund

3. Fall Early Sign-ups: No fee, advance payment due by 6/1 to avoid cancellation.
4. Installment Option Fee: \$10 per semester for each resident electing to pay accounts in installments.
5. Late Payment of Room and Board: \$15 plus \$1 per each additional late day for each installment payment period. Maximum, \$30 for each installment payment period.

(3) OTHER FEES

All Colleges and the School of Law

1. Application Fee: (All applications except those by TTU and TTUHSC Faculty, Staff, their spouses and children):
 - a. Undergraduate (United States Citizens) \$25.00
 - b. Undergraduate (United States Citizens) 25.00
 - c. Law School 50.00
 - d. Foreign (Undergraduate and Graduate) 50.00
2. Auditing Fee (Students enrolled in 11 semester credit hours or less) 10.00
3. Binding Thesis and Dissertations:

Thesis – 3 official copies	40.00 45.00 ¹
Dissertations – 3 official copies and microfilming	90.00 95.00 ¹
4. Class Schedule Change [Per Change]. A change shall be defined as the addition of a single course or section and deletion of a single course or section, or addition of a single course, or deletion of a single course to the schedule of courses in which a student originally registered for an academic term. This fee may be waived only when the change in a student's schedule is for the convenience or as a result of required academic action of the University and is approved by the Dean (or Designee) of the college or school in which the student is enrolled with concurrence by the University Director of Admissions and Records (or Designee). 6.00
5. Correspondence Courses:

High School Level (per ½ unit)	79.00
College Level (per semester credit hour)	53.00
Credit by Examination (High School and College Level):	
1 to 10 Exams	28.00
11 to 20 Exams	18.00
21 or more	10.00
6. Course Fee (Per Course): Not less than \$3 per Course, but not more than \$45, except that the fee shall not exceed, in general, the cost of materials or services directly associated with the course—not including faculty salaries. The fee established for individual courses shall be determined and approved under a policy established by the Administration. 45.00
7. Diploma Replacement Fee 16.00
8. Diploma Insert Fee (re-application for graduation) 2.00

¹ See Summary of Changes. Items D & G

9.	Duplicate Copy of Registration Fee Receipt	0.50
10.	Education Abroad Fee (with the approval of the Vice Provost or Academic Affairs and Vice President for Fiscal Affairs, the fee may be set in an amount not to exceed the cost of offering the program but not less than \$50.00 and not more than)	\$250.00
11.	General Property Deposit (Collected at first enrollment and maintained at this level at each subsequent registration)	10.00
12.	Identification Card Maintenance Fee	2.50 <u>3.50</u> ¹
13.	Identification Card Replacement Fee	10.00
14.	Identification Card Revalidation Fee	5.00
15.	Information Technology Fee (Per Semester Credit Hour)	6.00
16.	Installment Payment of Tuition/Fees Option Fee (Percentage applied to balance owed)	1.5%
17.	International Education Fee	1.00
18.	International Student Fee (each non-immigrant international student)— each summer session \$15.00; each semester	30.00
19.	Laboratory Fee (Per Laboratory Section; not less than \$2 per Section. But not more than \$30, except that the fee shall not exceed, in general, the cost of operating the laboratory—not including personnel and equipment costs. The fee established for individual laboratory sections shall be determined and approved under a policy established by the Administration)	30.00
20.	Late Charges on Loans	15.00
21.	Late Payment Fee (assessed the first working day after the Billing due date)	15.00
22.	Late Registration Fee (beginning the 1st class day)	15.00
23.	Law School Deposit	200.00
24.	New Student Orientation Fee:	
	Student Only	35.00
	Student and Family	45.00
25.	Post Suspension Assistance Fee (XL – Strategies)	100.00

¹ See Summary of Changes. Items D & G

26.	Private Music Instruction:	
	Applied Music 1001, 1002, 2001,2002, 3001,3002, 4001, 4002, & 5001--1 hour each (summer - \$6.00)	15.00
	Applied Music 1001, 1002, 2001,2002, 3001,3002, 4001, 4002, & 5001 - 2 to 4 hours each (summer - \$12.00)	30.00
27.	Post Census Day Matriculation Fee (After 12th Class Day of a long term or 4th Class Day of a summer term)	100.00
28.	Returned Check Charges	15.00
29.	Sponsored International Student Administrative Fee	250.00
30.	Transcript Fee (per copy)	2.00

(4) PARKING FEES AND PENALTIES¹

(A) Permit Fees and Refunds

Provided at November 14, 1998, Board of Regents meeting, Item CW21 in Attachment CW4.

(5) STUDENT SERVICES FEE SCHEDULE²

(A) All Colleges and School of Law - Long Term*

Credit Hours Enrolled	Required Fees	For Services Categories
Group I		
1	\$9.60 10.30	Learning Center
2	19.20 20.60	Services KTXT-FM
3	28.80 30.90	University Daily
		Law School Student Government
		Student Organization Advisement
		Student Government Association
		Spirit Activities
		Health Sciences Center Student Government
		University Counseling Center
		Attorney for Students
		Career Planning and Placement
		Texas Tech Band
		Student Life Programs
		Testing

¹ See Summary of Changes Item F.

² See Summary of Changes. Item B *Grouping not applicable for students registered at Junction Center only. All services at Junction are available to all Junction Center Registrants.

Group II

4	38.20 <u>41.20</u>	All Group I Services
5	48.00 <u>51.50</u>	Campus Organizations
6	57.60 <u>61.80</u>	Texas Tech Choral Organizations
7	67.20 <u>72.10</u>	Texas Tech Symphony Orchestra
8	76.80 <u>82.40</u>	Campus Transportation System

Group III

9	86.40 <u>92.70</u>	All Group I Services
10	96.00 <u>103.00</u>	All Group II Services
11	105.60 <u>113.30</u>	Cultural Events University Theatre

Group IV

12 or more	115.00 <u>123.50</u>	All Group I Services All Group II Services All Group III Services Intercollegiate Athletics Recreational Services (Intramurals, Facilities, Aquatic Center, Sports Clubs)
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(B) All Colleges and School of Law - Summer Term*

(C)

<u>Credit Hours</u>	<u>Required</u>	
<u>Enrolled</u>	<u>Fees</u>	<u>For Services Categories</u>

Group I

1	\$9.60 <u>10.30</u>	Learning Center
2	19.20 <u>20.60</u>	Services KTXT-FM
3	28.85 <u>30.90</u>	University Daily
		Law School Student Government
		Student Organization Advisement
		Health Sciences Center Student Government
		Student Association
		Spirit Activities
		University Counseling Center
		Attorney for Students
		Career Planning and Placement
		Texas Tech Band
		Student Life Programs
		Testing

* Grouping not applicable for students registered at Junction Center only.
All services at Junction are available to all Junction Center Registrants.

Group II

4	38.40	<u>41.20</u>	All Group I Services
5	48.00	<u>51.50</u>	Campus Organizations
6	57.60	<u>61.80</u>	Campus Transportation System
7	67.20	<u>72.10</u>	Texas Tech Choral Organizations
8	76.80	<u>82.40</u>	Texas Tech Symphony Orchestra
9	86.40	<u>92.70</u>	Cultural Events
10	96.50	<u>103.00</u>	University Theatre
11	105.60	<u>113.30</u>	Intercollegiate Athletics
12 or more	115.00	<u>123.50</u>	Recreational Services (Intramurals, Facilities, Aquatic Center, Sports Clubs)

**TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER
SUMMARY OF CHANGES IN GLOBAL FEE DOCUMENT
Effective Beginning Fall Semester, 19989**

(A) Tuition

As a result of the action taken in the 74th Legislature, Regular Session, the following tuition rates are in effect for the academic year beginning with the fall semester, 19989:

1. School of Allied Health, School of Nursing (Undergraduate), and Graduate School of Biomedical Sciences - Residents of Texas
The resident tuition rate is ~~\$36~~ \$38 per semester credit hour, with minimums of \$120 for a long term and \$60 for a summer term for the 1999-2000 academic year.
2. School of Allied Health, School of Nursing (Undergraduate), and Graduate School of Biomedical Sciences – Non-Resident Students, U.S. Citizens and Foreign Students The non-resident tuition rate is \$249 per semester credit hour, no minimum, for the 1999-2000 academic year or until further notification from The Texas Higher Education Coordinating Board.
3. The Board of Regents previously authorized School of Nursing graduate tuition at 1-1/2 times the undergraduate rate. The School of Nursing graduate tuition is set at ~~\$54~~ \$57 per semester credit hour (1-1/2 times ~~\$38~~) for Texas residents and ~~\$267~~ \$268 per semester credit hour (~~\$249 + \$19~~) for non-residents.
4. The Board of Regents previously authorized School of Pharmacy graduate tuition at 2 times the undergraduate rate. The School of Pharmacy graduate tuition is ~~\$72~~ \$76 per semester credit hour (2 times ~~\$36~~ \$38) for Texas residents and ~~\$285~~ \$287 per semester credit hour (~~\$249 + \$36~~ \$38) for non-residents.
5. State tuition incremental funds generated: \$88,600.

(B) Institutional Tuition

Section 54.0513 amended Section 55.16, of the *Texas Education Code*, in the 75th Legislature and authorized the assessment of Institutional Tuition in an amount not to exceed the amount assessed for state tuition. The \$2 per semester credit hour increase to ~~\$36~~ \$38 per semester credit hour will be used to provide funds for the general operating expenses of the Health Sciences Center. As stipulated in section 54.0513(f) of the *Texas Education Code*, a public hearing will be held prior to fee increase. Institutional tuition incremental annual funds generated: \$89,600.

(C) Student Services Fee

The Student Services Advisory Committee, comprised of students, recommends that this fee be ~~\$9.60~~ \$10.30 per semester credit hour with a ~~\$115.00~~ \$123.60 maximum for full-time students (those registered for 12 semester credit hours or more). The increased maximum charge is ~~\$4.00~~ \$8.60 per regular semester, at ~~\$115~~ \$123.60. The increase was recommended to provide adequate funds contingent upon approval of salary and fringe benefit increases and for increased funding for the campus bus system. Student service fee incremental annual funds generated: \$31,800.

(D) Parking Fees and Penalties

Parking fees and penalties were approved by the Board of Regents at their meeting on November 13, 1998 per meeting minutes Item CW21 in Attachment CW4.

(E) Application Fee – School of Nursing and Graduate School of Biomedical Sciences

The School of Nursing has recommended that this fee be set at ~~\$35~~ \$40. The Graduate School of Biomedical Sciences has recommended this fee be ~~\$25~~ \$30 for U.S. Citizens and ~~\$50~~ \$55 for foreign applicants. The increases allow for cost recovery of printing, copying and mailing applications from individuals that request the service.

(F) Malpractice Insurance – School of Allied Health

The School of Allied Health has recommended this fee be set at ~~\$14.50~~ \$11 each fall semester to more closely reflect actual costs. The School of Allied Health has also recommended that a malpractice insurance fee of ~~\$57~~ each fall semester be added for students in the new Physicians Assistant Program. Insurance is procured through an external vendor at direct cost.

(G) Graduation Fee – Schools of Medicine, Pharmacy, and Graduate School of Biomedical Sciences

These Schools recommend the Reapplication for graduation fee be ~~\$25.00~~ \$0. The existing graduation fees for these Schools are \$50, and cover the material costs for graduating whether student is applying for the first time or is reapplying, therefore eliminating the need for a separate reapplication fee.

(H) Any waivers of fees shall follow the guidelines in the *Board of Regents Policies 09.03 – 09.07* or as provided in the appropriate State of Texas Education Code statute.

(1)

REGISTRATION FEES

(A) School of Allied Health, School of Nursing, Graduate School of Biomedical Sciences, and School of Pharmacy

1. Residents of Texas - Long Term

	a.	b.	c.	d.	e.	f.	g.	h.	
	*State Tuition ¹ \$38/SCH \$120 Minimum	Student Services Fee ** ¹	Medical Services Fee	Institu- tional Tuition ¹	Univer- sity Center Fee	Info Tech Fee	ID Card Fee	Int'l Ed Fee	Total
1	\$120.00	\$10.30	0.00	\$38.00	\$0.00	\$2.00	\$2.50	\$1.00	\$173.80
2	120.00	20.60	0.00	76.00	0.00	4.00	2.50	1.00	224.10
3	120.00	30.90	0.00	114.00	30.00	6.00	2.50	1.00	304.40
4	152.00	41.20	52.00	152.00	30.00	8.00	2.50	1.00	438.70
5	190.00	51.50	52.00	190.00	30.00	10.00	2.50	1.00	527.00
6	228.00	61.80	52.00	228.00	30.00	12.00	2.50	1.00	615.30
7	266.00	72.10	52.00	266.00	30.00	14.00	2.50	1.00	703.60
8	304.00	82.40	52.00	304.00	30.00	16.00	2.50	1.00	791.90
9	342.00	92.70	52.00	342.00	30.00	18.00	2.50	1.00	880.20
10	380.00	103.00	52.00	380.00	30.00	20.00	2.50	1.00	968.50
11	418.00	113.30	52.00	418.00	30.00	22.00	2.50	1.00	1,056.80
12	456.00	123.60	52.00	456.00	30.00	24.00	2.50	1.00	1,145.10
13	494.00	123.60	52.00	494.00	30.00	24.00	2.50	1.00	1,221.10
14	532.00	123.60	52.00	532.00	30.00	24.00	2.50	1.00	1,297.10
15***	570.00	123.60	52.00	570.00	30.00	24.00	2.50	1.00	1,373.10

1 See SUMMARY OF CHANGES, Items (A), (B), and (C).

* Add for enrollment in Graduate Programs in Nursing \$19 per semester credit hour, and \$38 per semester credit hour for School of Pharmacy. Additional tuition may be charged for graduate courses taken through TTU.

** See Student Services Fees Schedule of services provided.

*** Hours over 15, add \$38 per hour for State Tuition, \$57 per hour for Nursing Graduate Tuition, \$76 per hour for School of Pharmacy Tuition, \$38 per hour for Institutional Tuition; Student Services, Medical Services, University Center Fee, Information Technology, Identification Card, and International Education Fees remain the same.

2. Residents of Texas - Summer Term

	a.	b.	c.	d.	e.	f.	g.	h.	
	*State Tuition ¹								
Hours	\$38/SCH \$60 Minimum	Student Services Fee** ¹	Medical Services Fee	Institutional Tuition ¹	University Center Fee	Info Tech Fee	ID Card Fee	Int'l Ed Fee	Total
1	\$60.00	\$10.30	\$0.00	\$38.00	\$0.00	\$2.00	\$2.50	\$1.00	\$113.80
2	76.00	20.60	0.00	76.00	0.00	4.00	2.50	1.00	180.10
3	114.00	30.90	0.00	114.00	15.00	6.00	2.50	1.00	283.40
4	152.00	41.20	25.00	152.00	15.00	8.00	2.50	1.00	396.70
5	190.00	51.50	25.00	190.00	15.00	10.00	2.50	1.00	485.00
6	228.00	61.80	25.00	228.00	15.00	12.00	2.50	1.00	573.30
7***	266.00	72.10	25.00	266.00	15.00	14.00	2.50	1.00	661.60

1 See SUMMARY OF CHANGES, Items (A) , (B), and (C).

* Add for enrollment in Graduate Programs in Nursing \$19 per semester credit hour. Additional tuition may be charged for graduate courses taken through TTU.

** See Student Services Fees Schedule of services provided.

*** Hours over 7, add \$38 per hour for State Tuition, \$57 per hour for Nursing Graduate Tuition, \$38 per hour for Institutional Tuition, \$10.30 per hour (maximum \$123.60) for Student Services Fees; \$2 per hour (maximum \$24) for Information Technology Fee; Medical Services, University Center, Identification Card, and International Education Fees remain the same.

3. **Non-Resident Students, United States Citizens and Foreign Students - Long Term**

	a.	b.	c.	d.	e.	f.	g.	h.	
	*State Tuition ¹ \$249/SC H No Minimum	Student Services Fee** ¹	Medical Services Fee	Institu- tional Tuition ¹	University Center Fee	Info Tech Fee	ID Card Fee	Int'l Ed Fee	Total
Hours									
1	\$249.00	\$10.30	\$0.00	\$38.00	\$0.00	\$2.00	\$2.50	\$1.00	\$302.80
2	498.00	20.60	0.00	76.00	0.00	4.00	2.50	1.00	602.10
3	747.00	30.90	0.00	114.00	30.00	6.00	2.50	1.00	931.40
4	996.00	41.20	52.00	152.00	30.00	8.00	2.50	1.00	1,282.70
5	1,245.00	51.50	52.00	190.00	30.00	10.00	2.50	1.00	1,582.00
6	1,494.00	61.80	52.00	228.00	30.00	12.00	2.50	1.00	1,881.30
7	1,743.00	72.10	52.00	266.00	30.00	14.00	2.50	1.00	2,180.60
8	1,992.00	82.40	52.00	304.00	30.00	16.00	2.50	1.00	2,479.90
9	2,241.00	92.70	52.00	342.00	30.00	18.00	2.50	1.00	2,779.20
10	2,490.00	103.00	52.00	380.00	30.00	20.00	2.50	1.00	3,078.50
11	2,739.00	113.30	52.00	418.00	30.00	22.00	2.50	1.00	3,377.80
12	2,988.00	123.50	52.00	456.00	30.00	24.00	2.50	1.00	3,677.00
13	3,237.00	123.50	52.00	494.00	30.00	24.00	2.50	1.00	3,964.00
14	3,486.00	123.50	52.00	532.00	30.00	24.00	2.50	1.00	4,251.00
15***	3,735.00	123.50	52.00	570.00	30.00	24.00	2.50	1.00	4,538.00

¹ See SUMMARY OF CHANGES, Items (A), (B), and (C).

* Add for enrollment in Graduate Programs in Nursing \$19 per semester credit hour and \$38 per semester credit hour for School of Pharmacy. Additional tuition may be charged for graduate courses taken through TTU.

** See Student Services Fees Schedule of services provided.

*** Hours over 15, add \$249 per hour for State Tuition, \$268 per hour for Nursing Graduate Tuition, \$287 per hour for School of Pharmacy Tuition, \$38 per hour for Institutional Tuition; Student Services, Medical Services, University Center Fee, Information Technology, Identification Card, and International Education Fees remain the same.

4. Non-Resident Students, United States Citizens and Foreign Students - Summer Term

Hours	a. *State Tuition ¹ \$249/SCH No Mini- mum	b. Student Serv- ices Fee** ¹	c. Medical Services Fee	d. Institu- tional Tuition ¹	e. University Center Fee	f. Info Tech Fee	g. ID Card Fee	h. Int'l Ed Fee	Total
1	\$249.00	\$10.30	\$0.00	\$38.00	\$0.00	\$2.00	\$2.50	\$1.00	\$302.80
2	498.00	20.60	0.00	76.00	0.00	4.00	2.50	1.00	602.10
3	747.00	30.90	0.00	114.00	15.00	6.00	2.50	1.00	916.40
4	996.00	41.20	25.00	152.00	15.00	8.00	2.50	1.00	1,240.70
5	1,245.00	51.50	25.00	190.00	15.00	10.00	2.50	1.00	1,540.00
6	1,494.00	61.80	25.00	228.00	15.00	12.00	2.50	1.00	1,839.30
7***	1,743.00	72.10	25.00	266.00	15.00	14.00	2.50	1.00	2,138.60

1 See SUMMARY OF CHANGES, Items (A) , (B), and (C).

* Add for enrollment in Graduate Programs in Nursing \$19 per semester credit hour.
Additional tuition may be charged for graduate courses taken through TTU.

** See Student Services Fees Schedule of services provided.

*** Hours over 7, add \$249 per hour for State Tuition, \$268 per hour for Nursing Graduate Tuition, \$38 per hour for Institutional Tuition; \$10.30 per hour (maximum \$123.60) for Student Services Fees; \$2 per hour (maximum \$24) for Information Technology Fee; Medical Services, University Center, Identification Card, and International Education Fees remain the same.

(B) School of Medicine

1. Residents of Texas

	Academic Year 9 Mo. but <10.5 Mo.	Academic Year 10.5 to 12 Mo.
a. Tuition	\$6,550	\$6,550
b. Student Services Fee (1)	309	371
c. Medical Services Fee	104	156
d. Institutional Tuition (1)	701	1,046
e. U.C. Fee	30	45
f. Information Technology Fee	50	50
g. Identification Card Fee	5	5
h. International Education Fee	2	2
i. Long Term Disability Insurance	50	50
j. Malpractice Insurance	25	25
Total	<u>\$7,826</u>	<u>\$8,300</u>

2. Non-Resident Students, United States Citizens and Foreign Students

	Academic Year 9 Mo. but <10.5 Mo.	Academic Year 10.5 to 12 Mo.
a. Tuition	\$19,650	\$19,650
b. Student Services Fee ⁽¹⁾	309	371
c. Medical Services Fee	104	156
d. Institutional Tuition (1)	701	1,046
e. U.C. Fee	30	45
f. Information Technology Fee	50	50
g. Identification Card Fee	5	5
h. International Education Fee	2	2
i. Long Term Disability Insurance	50	50
j. Malpractice Insurance	<u>25</u>	<u>25</u>
Total	<u>\$20,926</u>	<u>\$21,400</u>

Tuition - Summer Term

3. No additional tuition for summer term is required of School of Medicine students, regardless of residency.

⁽¹⁾ See SUMMARY OF CHANGES, Item (B) and (C).

Annual Assessment Fee (formerly Progressions Fee) Application Fee	- School of Pharmacy (spring semester)	60.00
	- Allied Health	35.00
	- Graduate School of Biomedical Services	
	Foreign (D)-	50.00 55.00
	U.S. Citizen (D)	25.00 30.00
	- Medicine	40.00
	- Nursing (including Special Students) (D)	35.00 40.00
	- Pharmacy	50.00
Auditing (per class)	Students enrolled in 11 semester credit hours or less	
	- Allied Health, Graduate School of Biomedical Sciences, and Nursing	10.00
Binding Theses & Dissertations	- Allied Health (Theses) - 4 Official Copies - No Microfilming	52.00
	- Graduate School of Biomedical Sciences Theses - 4 Official Copies	52.00
	Dissertations - 4 Official Copies and Micro-filming	102.00
	- Nursing (Masters) - 4 Official Copies and Microfilming	92.00
Challenge Credit by Examination	- Nursing (non-refundable)	Max. 100.00
Clinical Simulation Center (per course)	- Nursing – Freshmen, Sophomore, Junior, Senior, and Graduate	25.00
Course Fees (per course)	Not less than \$3 per course, but not more than \$45, except that the fee shall not exceed, in general, the cost of the materials or services directly associated with the course – not including the faculty salaries. The fee established for individual courses shall be determined and approved under a policy established by the Administration.	
	- Allied Health, Graduate School of Biomedical Sciences, Nursing, Medicine and Pharmacy	Min. 3.00 Max. 45.00
Dean's Letter (per copy)	- Medicine	3.00
Drug Information Center	- Pharmacy (fall semester)	120.00
General Property Deposit	Collected at first enrollment and maintained at this level at each subsequent enrollment.	
	- Allied Health, Graduate School of Biomedical Sciences, Nursing, and Pharmacy	10.00
	- Medicine	30.00

Graduation Fee	- Allied Health Undergraduate	35.00	
	Graduate	50.00	
	- Graduate School of Biomedical Sciences (F)	50.00	
	- Medicine (F)	50.00	
	- Nursing Undergraduate	35.00	
	Graduate	50.00	
	- Pharmacy (F)	50.00	
	- Reapplication Fee – Schools of Medicine, Pharmacy and Graduate School of Biomedical Sciences	25.00	<u>0.00</u>
I.D. Card Replacement Fee (per occurrence)	- All Schools	10.00	
I.D. Card Revalidation Fee	- All Schools	5.00	
Installment Option Fee	- Medicine and Pharmacy	1.5% of unpaid balance	
	- Allied Health, Nursing, and Graduate School of Biomedical Sciences	\$10/Student/Semester	
International Student Fee (non-immigrant international students only)	- Allied Health, Graduate School of Biomedical Sciences, Nursing, and Pharmacy (per semester, per summer session \$15)	30.00	
	- Medicine (per year)	60.00	
Laboratory Fees	- Per laboratory section; not less than \$2 per section, but not more than \$30, except fee shall not exceed the cost of operating the laboratory not including personnel and equipment costs. The fee established for individual laboratory courses shall be determined and approved under a policy by the Administration.		
	- Allied Health, Graduate School of Biomedical Sciences, and Pharmacy	30.00	
	- Medicine (per year) first and second year Students	32.00	
Late Charges on Loans	- All Schools	25.00	
Late Payment Fee	- All Schools	25.00/billing	
Late Registration Fee	- All Schools	25.00	
Malpractice Insurance	- Allied Health (fall semester) (E)	44.50	<u>11.00</u>
	Physician Assistant Program (fall semester) (E)		<u>57.00</u>
	- Nursing (fall semester)	14.50	
	- Pharmacy (fall semester)	17.00	
	- Medicine (per year)	25.00	
Microscope Fee	- Allied Health (CLS Juniors and Seniors)	50.00	
	- Medicine (first and second year students)	120.00	

Orientation Fee	- Nursing	50.00
Progressions Fee	- Nursing	
	2601 or 3401; 4400 or 4410 (all non-RNs)	70.00
	4400, 4410 or 4801 (RNs only and graduate students upon enrollment in theses)	40.00
Post Census Day Matriculation Fee	- Allied Health, Graduate School of Biomedical Sciences, Nursing, and Pharmacy	100.00
Returned Check Charges	- All Schools	25.00
Standardized Testing Fee	- Nursing	12.00
Transcript Fee (per copy)	- All Schools	2.00
Tuition Deposits	Required of students accepted for enrollment. To be applied against required tuition assessed at first enrollment. Refundable if the student does not enroll.	
	- Allied Health	50.00
	- Medicine	100.00
	- Nursing	50.00
	- Pharmacy	100.00
Validation Fee	- Nursing (Charged on all graduate Assessment courses)	50.00

(3) PARKING FEES AND PENALTIES¹
(A) Permit Fees and Refunds

Provided at the November 14, 1998 Board of Regents meeting minutes Item CW21 in Attachment CW4.

See Summary of Changes Item D.

(4) STUDENT SERVICES FEE SCHEDULE -TTUHSC

(A) Long Term

Credit Hours Enrolled	Required Fees	For Services Of
<hr/>		
Group I		
1	\$ 9.60 <u>10.30</u>	Learning Center
2	19.20 <u>20.60</u>	Services KTXT-FM
3	28.80 <u>30.90</u>	<u>University Daily</u>
		Law School Student Government
		Student Organization Advisement
		Student Government Association
		Spirit Activities
		Health Sciences Center Student Government
		University Counseling Center
		Student Legal Services
		Career Planning and Placement
		Texas Tech Band
		Student Life Programs
		Testing
<hr/>		
Group II		
4	38.40 <u>41.20</u>	All Group I Services
5	48.00 <u>51.50</u>	Campus Organizations
6	57.60 <u>61.80</u>	Texas Tech Choral Organizations
7	67.20 <u>72.10</u>	Texas Tech Symphony Orchestra
8	76.80 <u>82.40</u>	Campus Transportation System
<hr/>		
Group III		
9	86.40 <u>92.70</u>	All Group I Services
10	96.00 <u>103.00</u>	All Group II Services
11	105.60 <u>113.30</u>	Cultural Events
		University Theatre
<hr/>		

Group IV

12 or more	115.20 <u>123.50</u>	All Group I Services All Group II Services All Group III Services Intercollegiate Athletics Recreational Services (Intramurals, Facilities, Aquatic Center, Sports Clubs)
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(B) Summer Term

Credit Hours

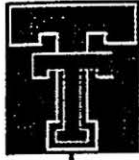
Enrolled	Required Fees	For Services Of
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Group I

1	\$ 9.60 <u>10.30</u>	Learning Center
2	19.20 <u>20.60</u>	Services KTXT-FM
3	28.85 <u>30.90</u>	University Daily
		Law School Student Government
		Student Organization Advisement
		Student Government Association
		Spirit Activities
		Health Sciences Center Student Government
		University Counseling Center
		Student Legal Services
		Career Planning and Placement
		Texas Tech Band
		Student Life Programs
		Testing

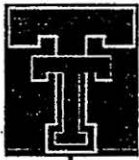
Group II

4	38.40 <u>41.20</u>	All Group I Services
5	48.00 <u>51.50</u>	Campus Organizations
6	57.60 <u>61.80</u>	Campus Transportation
7	67.20 <u>72.10</u>	Texas Tech Choral Organizations
8	76.80 <u>82.40</u>	Texas Tech Symphony Orchestra
9	86.40 <u>92.70</u>	Cultural Events
10	96.50 <u>103.00</u>	University Theatre
11	113.30 <u>113.30</u>	Intercollegiate Athletics
12 or more	115.00 <u>123.50</u>	Recreational Services (Intramurals, Facilities, Aquatic Center, Sports Clubs)



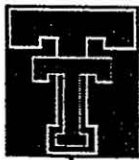
DIVISION OF OUTREACH AND EXTENDED STUDIES

BOARD OF REGENTS BRIEFING
FEBRUARY 11, 1999



DIVISION COMPONENTS

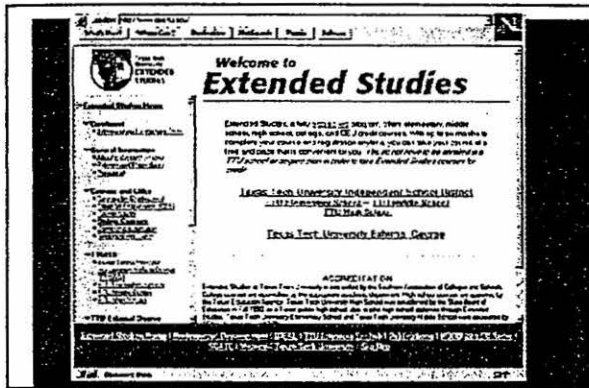
- KTXT - TV
- KOHM - FM
- EXTENDED STUDIES
- IDEAL
- INTENSIVE ENGLISH
- TTU JUNCTION CENTER
- TTU WORLD CAMPUS



EXTENDED STUDIES (Continuing Education)


- TTU INDEPENDENT SCHOOL DISTRICT
- PROFESSIONAL DEVELOPMENT AND
COMMUNITY OUTREACH
 - COLLEGE CREDIT PROGRAMS
 - DISTANCE EDUCATION
 - STUDENT SUPPORT SERVICES
 - 70,000 + ENROLLMENTS FY 97-98
 - 50 STATES, 16 FOREIGN COUNTRIES







[illegible]



THE STATE OF TENNESSEE
UNIVERSITY OF TENNESSEE
(1979)

Admission and Enrollment Forms

1. General Information

2. Academic Information

3. Financial Information

4. Health Information

5. Other Information

For K-12 students, send completed form to:
Office of the Registrar
 1000 University Avenue
 Knoxville, TN 37996

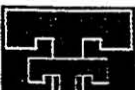
For college students, send completed form to:
Office of the Registrar
 1000 University Avenue
 Knoxville, TN 37996

For students applying to the University of Tennessee at Chattanooga, send completed form to:
Office of the Registrar
 1000 University Avenue
 Chattanooga, TN 37403

For students applying to the University of Tennessee at Martin, send completed form to:
Office of the Registrar
 1000 University Avenue
 Martin, TN 38550

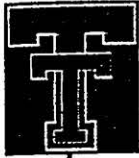
For students applying to the University of Tennessee at Murfreesboro, send completed form to:
Office of the Registrar
 1000 University Avenue
 Murfreesboro, TN 37132

For students applying to the University of Tennessee at Johnson City, send completed form to:
Office of the Registrar
 1000 University Avenue
 Johnson City, TN 37601



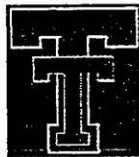
*TTU*SD

- CREATED AND ACCREDITED BY TEXAS EDUCATION AGENCY
- HIGH SCHOOL
- MIDDLE SCHOOL
- ELEMENTARY SCHOOL
- 800+ ENROLLMENTS - CURRENTLY
- 26 STATES, 8 FOREIGN COUNTRIES
- 100 HS GRADUATES



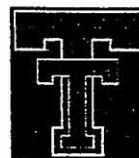
PD and CO
*Professional Development and
Community Outreach*

- EXTENSION CREDIT
- BUSINESS AND INDUSTRY
CONTRACT TRAINING
- COMPULSARY CERTIFICATION AND
RELICENSURE
- CEU CERTIFICATE PROGRAMS
- CONFERENCES AND WORKSHOPS
- PERSONAL DEVELOPMENT



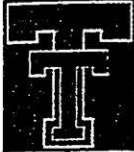
COLLEGE CREDIT

- SINGLE COURSES
 - TRANSFER
 - PROFESSIONAL DEVELOPMENT
- EXTERNAL DEGREE PROGRAMS
 - BGS
 - BGB
 - BS, MA - RHIM
 - EMBA



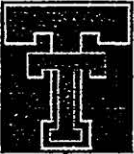
DISTANCE EDUCATION

- DISTRIBUTION TECHNOLOGIES
 - WEB - BASED
 - INTERACTIVE VIDEO
 - PRINT BASED
 - TRANSPORTABLE MEDIA
 - BROADCAST



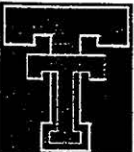
DISTANCE EDUCATION

- MARKET ANALYSIS
- COURSE DEVELOPMENT
- MARKETING
- FACULTY SUPPORT
- STUDENT SUPPORT
- COURSE/PROGRAM EVALUATION
- COURSE "REFRESH" CYCLE



DISTANCE EDUCATION

- K-12 COURSES - TEXAS CERTIFIED TEACHERS
- COLLEGE COURSES - TTU FACULTY
- COURSE/PROGRAM APPROVAL
 - TEA
 - THECB
 - SACS
 - TTU COLLEGES AND SCHOOLS



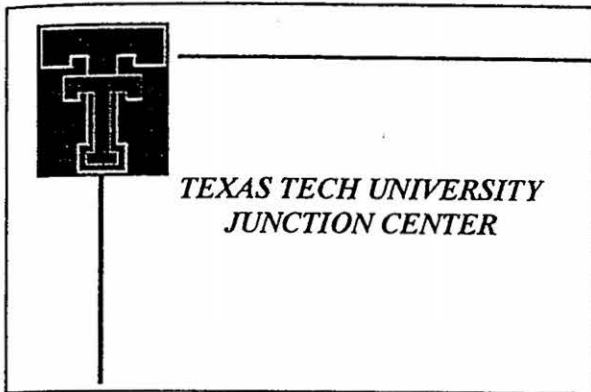
EXTENDED STUDIES FINANCES

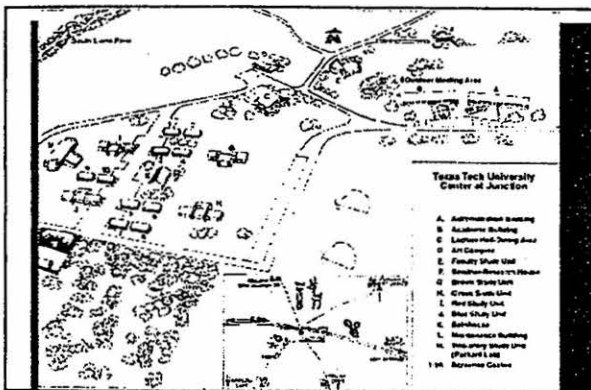
98 BUDGET	% STATE	% REVENUE
\$ 5,450,462.11	- 0 -	100%
Program Development Margin - 13% - \$ 712,489.36		

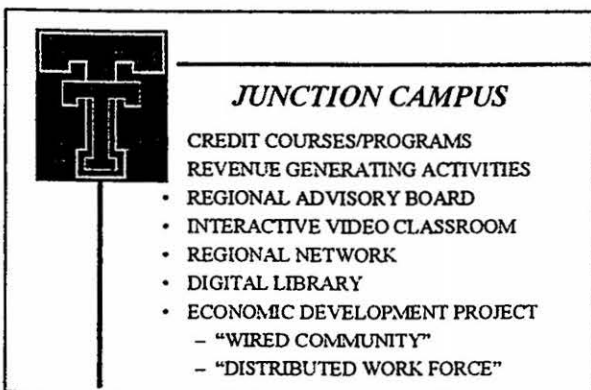
TUITION COMPARISONS - BIG 12 INSTITUTIONS

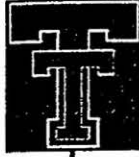
Institution	High School*	College*
	Cost Per 1/2 Course Unit	Cost Per 3 CH Course
TTU	\$ 99.00**	\$ 179.00
OKLA STATE U	\$ 72.00	\$ 195.00
UT AUSTIN	\$ 91.00	\$ 215.00
U COLORADO	NA	\$ 240.00
U NEBRASKA	\$ 150.00	\$ 290.00
U KANSAS	NA	\$ 309.00

* Includes tuition and fees. ** Grades 6-12 (K-5 \$792 per year).



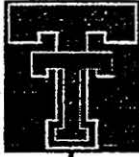






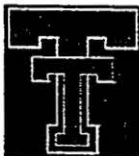
TEXAS TECH UNIVERSITY
WORLD CAMPUS

CAMPUS-WIDE
DISTANCE LEARNING
INITIATIVE



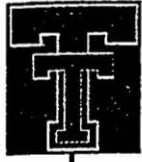
WORLD CAMPUS

- DISTANCE LEARNING ADMIN UNIT
- DISTANCE LEARNING COUNCIL
- WEB COURSE AUTHORIZING TOOL
- SERVER LICENSES
- FACULTY DEVELOPMENT
- OPERATING POLICY
- PRODUCTION/OPERATING CENTER



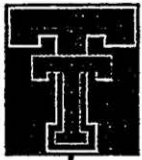
WORLD CAMPUS

- DISTANCE LEARNING STUDENT INFORMATION SYSTEM
 - "ROLLING ENROLLMENTS"
 - STUDENT SUPPORT SERVICES
 - "DIGITAL LIBRARY"
- INTERACTIVE VIDEO SYSTEM
- SATELLITE TRANSPONDER-UPLINK
- ON-LINE BOOKSTORE



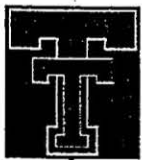
WORLD CAMPUS

- INTERACTIVE VIDEO SYSTEM
 - ALLIANCE FOR HIGHER ED
 - BUSINESS & INDUSTRY
 - ALAN ISD
 - GALVESTON
 - JUNCTION
 - RECRUITMENT CENTERS

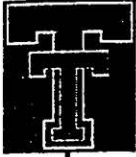


WORLD CAMPUS

- INTERACTIVE VIDEO SYSTEM
 - REGION 17 ESC
 - SCATE
 - PANHANDLE INFORMATION NETWORK
 - HEALTHNET
 - VIDNET

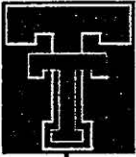


DISTANCE EDUCATION THE "DRIVERS"



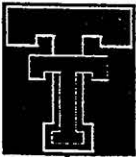
THE CHANGING ENVIRONMENT

- THE "CUSTOMER/SCHOLAR"
 - Fast Track Mentality
 - Higher Expectations
 - Bargain Hunters
 - Market Oriented
 - Less Tolerant of "Tradition"
 - Work Place Credential Validation



THE COMPETITION

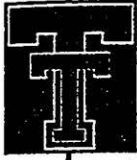
- THE "BUSINESS" OF EDUCATION
- TARGETING THE "MARKET"
- "FRIENDLY" COMPETITION
 - "VIRTUAL Us"- WGU, BOU, SREC
 - Penn State, MIT, Duke, U of Nebraska
- SERIOUS "BUSINESS" COMPETITORS
 - U. of Phoenix
 - Magellan
 - Corporate "Universities"



IMPACT ON THE ACADEMY

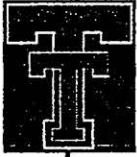
BARRIERS AND/OR PROTECTION GONE

- TRULY "ON THE STAGE"
- GLOBAL COMMUNITY OF "SRTs"
- COMPETENCIES VS "SEAT TIME"
- "BRAND NAME" EROSION
- SURVIVAL IN COLLABORATION



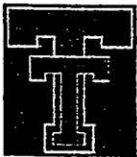
THE "NEW METRIC"

- DEMAND FOR ACCOUNTABILITY
- LESS TOLERANT OF "ACADEMIC FREEDOM" (Institutional Autonomy)
- JEALOUS OF LIMITED RESOURCES
- WILLINGNESS TO ACCEPT ALTERNATIVES
- WILLINGNESS TO LEGISLATE COMPLIANCE (99 hour rule, core curriculum)

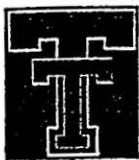


TEXAS EFFORTS

- HB 2128 TEXAS "E-RATE"
- TIF
- TEX-AN 2000
- CHAPTER 5, SUBCHAPTER II
- VIRTUAL COLLEGE OF TEXAS
- UT TELECAMPUS
- A&M TTVN
- TEXAS TECH WORLD CAMPUS



- U of HOUSTON DISTANCE LEARNING
- SCATE
- PANHANDLE INFO NETWORK
- NETNET
- HEALTHNET
- GULF COAST KNOWLEDGE NETWORK
- THE VIRTUAL DISTRICT
- REACH NETWORK
- TEXAS EDUCATION AGENCY
- VIDNET



THE FUTURE

"We have the wolf by the ears;
and we can neither hold him,
nor safely let him go..."

Thomas Jefferson

EXECUTIVE SESSION AND FINANCE COMMITTEE PRESENTATION

Ongoing negotiations have been underway to resolve a variety of issues related to the proceeds from the tobacco settlement that might be made available by the Texas Legislature to the Texas Tech University Health Sciences Center (TTUHSC) to fund research, including research on border health issues. The negotiation process was a lengthy and often contentious one, but the negotiations have finally culminated in the attached agreement.

An agreement was reached by the Chancellors of Texas Tech University and the University of Texas and the Presidents of TTUHSC and the University of Texas at El Paso (UTEP). The agreement provides a way to move forward with independent and collaborative research programs designed to address health problems of particular importance and relevance to border residents.

Paso del Norte Regional Health Institute (PDNRHI) The agreement recognizes the existence of a new entity called the Paso del Norte Regional Health Institute. The PDNRHI is made up of a number of El Paso institutions and would include the TTUHSC-El Paso facility should TTUHSC decide to participate as a member. The agreement states that the PDNRHI is dedicated to "creating a future health campus in El Paso" but also provides that the PDNRHI, along with TTUHSC and UTEP, will fund a study to assess the feasibility of establishing such a health campus. The agreement does not specify the purpose of the PDNRHI or the purpose of the proposed health campus for El Paso. However, it does state that the PDNRHI will seek to acquire land upon which to locate the health campus.

El Paso Center for Rural Health Research The agreement refers to a Center for Rural Health Research that would be governed jointly by TTUHSC and UTEP. The agreement encourages TTUHSC and UTEP to engage in research collaboration, but the agreement also states that each institution would be responsible for its own research activities. So while it is expected that TTUHSC and UTEP researchers housed in the Center (should it be established) would seek to collaborate on research projects, each institution would decide for itself what research it would undertake and how any research funds provided to it from whatever source would be expended. The agreement states that TTUHSC and UTEP will each seek \$15 million from the Legislature to pay for the construction of a facility to house the proposed center and that the facility could be located on land that might be donated by the PSNRHI. The agreement states that the facility would be jointly owned and occupied by TTUHSC and UTEP.

While no specific amount is indicated, the agreement does call for start up funding for the Center to be shared by PDNRHI, TTUHSC, and UTEP. The agreement also states that Texas Tech, UTEP, and the U.T. System will support requests to the Legislature for the following amounts of funding from the proceeds of the tobacco settlement::

- \$25 million to fund an endowment for UTEP to use for border health research activities; and
- \$50 million for an endowment to help fund TTUHSC's El Paso based border health research activities.

In addition, the agreement calls for Texas Tech, the U.T. System, and UTEP to seek an undetermined amount of funding from the Legislature to support the future work of the proposed Center.

The final provision of the agreement acknowledges that key elements of the agreement are subject to authorization by the Legislature and that the signatories to the agreement will respect the action and will of the Legislature.

The Health Research and Education Initiative for El Paso

Whereas, Texas believes in a vision of freeing our greatest resource-our people-to achieve their highest potential;

Whereas, Texas government has a mission to support and promote individual and community efforts to achieve social and economic prosperity;

Whereas, Texas government is dedicated to the proposition that the best form of government is one that is closest to the people and should respect the right and ability of local communities to resolve issues that affect them;

Whereas, in a process commencing with the El Paso Economic Summit, the people of El Paso created the Paso del Norte Regional Health Institute (PDNRHI), a collaboration of institutions dedicated to creating a future health campus in El Paso;

Now therefore, in order to provide for an efficient partnership to best direct the public's resources and create a positive impact on the lives of Texans in the Paso del Norte region, it is resolved that:

1. Paso del Norte Regional Health Institute (PDNRHI)
 - a. The PDNRHI is recognized as a collaboration of institutions in El Paso dedicated to creating a future health campus in El Paso
 - b. The Paso del Norte Health Foundation agrees to fund and coordinate a feasibility study for the PDNRHI health campus in cooperation with Texas Tech and UTEP with completion as soon as practical within the next year
 - c. Land for the PDNRHI Health Campus
 - Enough additional land to create a campus with long-term expansion potential
 - Land acquired by donation or purchase with the El Paso community's active participation and support
 - PDNRHI will deed parts of the campus land to appropriate institutions which agree to build facilities supporting the health research and education needs of El Paso

The Health Research and Education Initiative for El Paso
Page 2

2. Creation of El Paso Center for Border Health Research

- a. Governance: jointly by Texas Tech and UTEP with research collaboration being encouraged, but with each institution being ultimately responsible for its own research activities
- b. Capital Funding: Building for El Paso Center for Border Health Research
 - Texas Tech and UTEP to ask Legislature for \$15 million each (total \$30 million) to fund building. Use either tuition revenue bonds or direct appropriation
 - If possible, locate building on land donated by the Paso del Norte Regional Health Institute
 - Ownership: Texas Tech and UTEP jointly
 - Joint Occupancy by Texas Tech and UTEP
- c. Funding for Operations:
 - (1) Start-up funding to be shared by Paso del Norte Health Foundation, Texas Tech, and UTEP
 - (2) As a part of this agreement, Texas Tech, UTEP and the U.T. System agree to support a request to the 76th Legislature for separate endowments from the tobacco fund in the amount of:
 - \$25 million, which is to be exclusively for the benefit of UTEP in order to help fund on a permanent basis its border health research activities, and which for clarification purposes is not intended to be the same \$25 million Texas Tech is seeking from the tobacco funds for its other health sciences campuses outside of El Paso
 - \$50 million, which is to be exclusively for the benefit of Texas Tech in order to help fund on a permanent basis its border health research based in El Paso

The Health Research and Education Initiative for El Paso
Page 3

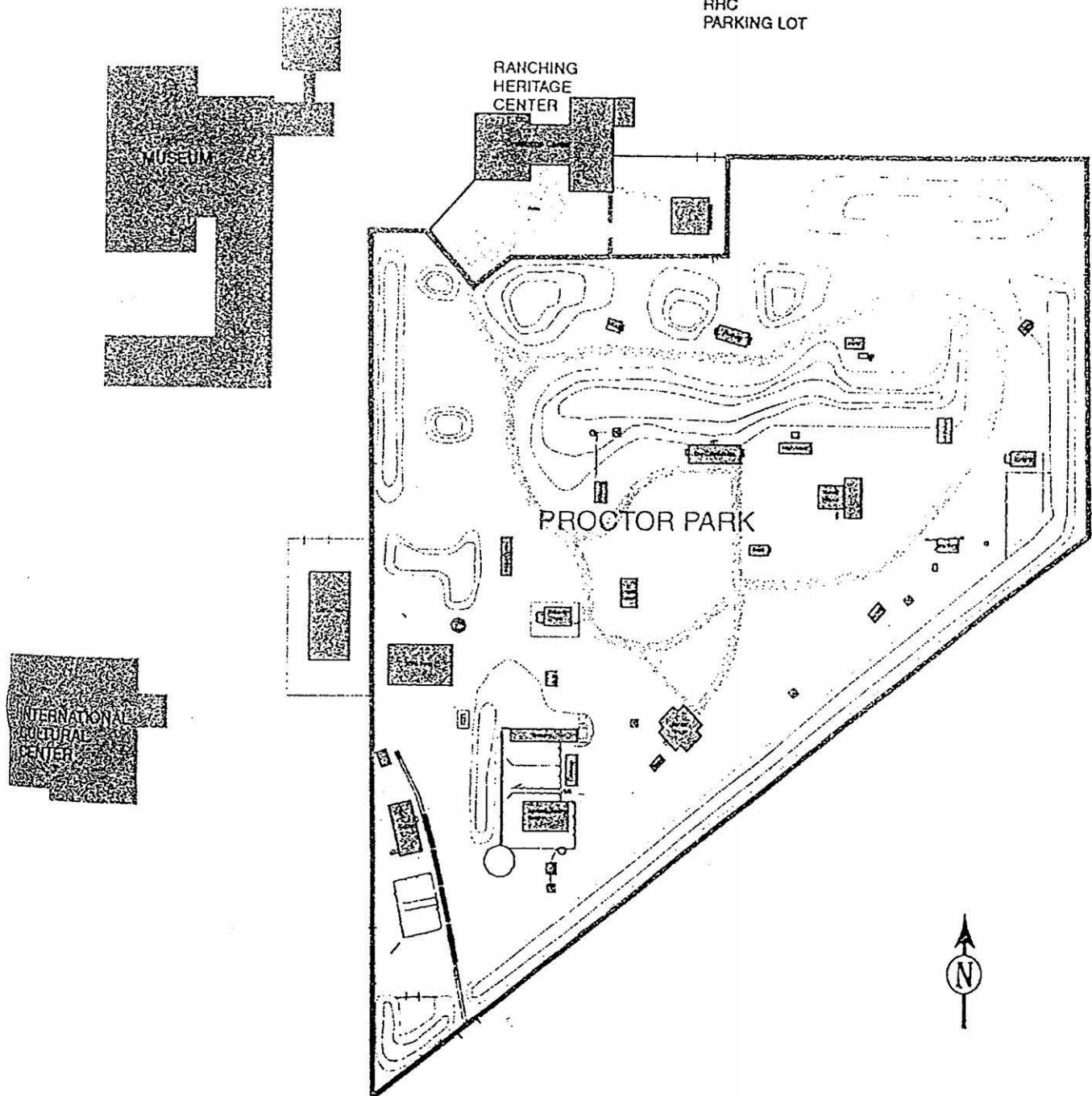
- (3) Longer-term Funding: Joint request to the Legislature by U.T. System, Texas Tech and UTEP to support work of the Center and to balance operational funding of the two institutions for the Center after taking into account endowment earnings dedicated to the El Paso Center for Border Health Research.
3. All parties involved in this agreement understand that key elements of the initiative are subject to authorization by the 76th Legislature. The parties commit themselves to respect the actions and will of the Legislature regarding the Center for Border Health Research.
4. Formal announcement of this agreement in El Paso.

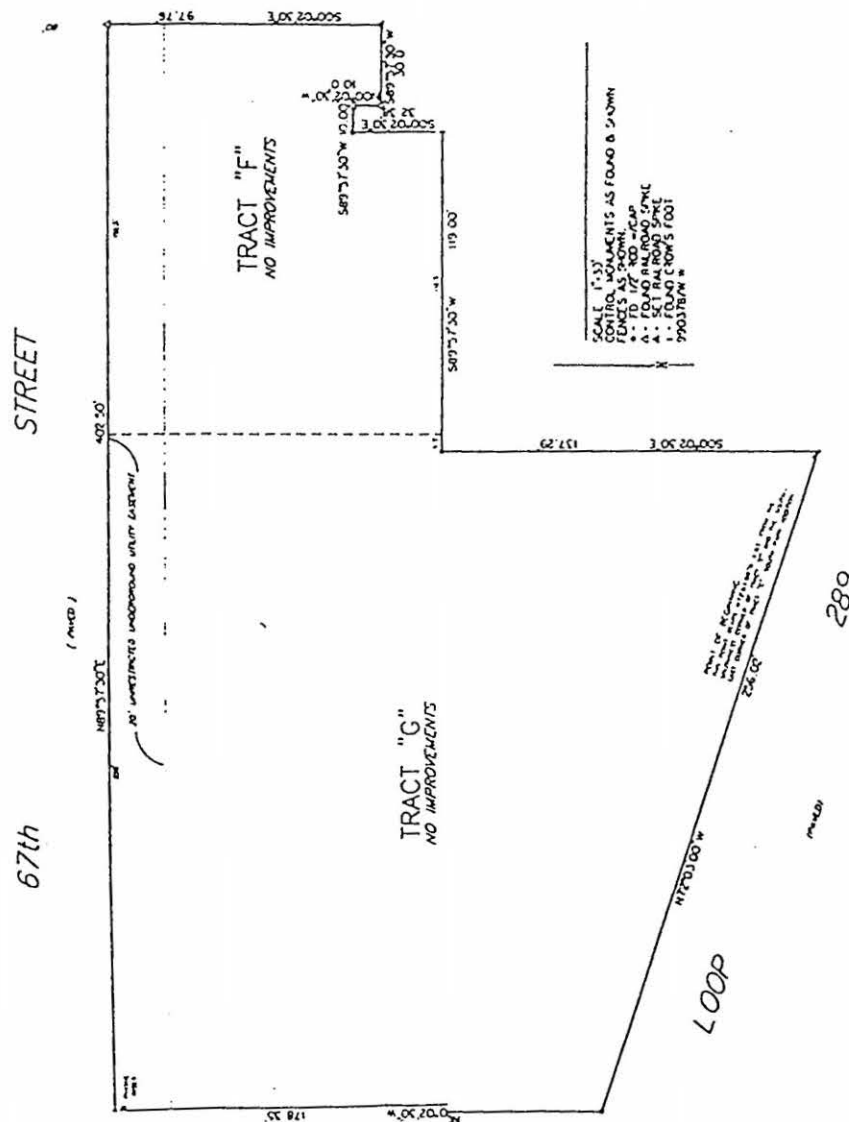
December 16, 1998

4th Street

MUSEUM
PARKING LOT

RHC
PARKING LOT



[illegible]

1. Daniel J. McCarthy, Irish Republican Parliamentary and Senator for 1973, was captured on 1st July 1972 by the British Army and held in prison at 30 of the 1970s in the City of London. McCarthy died in 1972, aged 40, after being held in prison for 10 months.

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See the inside of the book for
more information on the book.



February 12, 1999

College of Engineering Needs Assessment

Presentation Outline

- ♦ Where COE is headed.
- ♦ A brief snapshot of where we are today.
- ♦ The incremental investment in faculty, staff, space and facilities needed to get there.

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College of Engineering Board of Regents

2

Where COE is headed

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College of Engineering Board of Regents

3

A Broad Strategic Vision

- ♦ The College of Engineering has been a good investment.
- ♦ In the last fiscal year the College of Engineering generated roughly 2\$ in external support for every 1\$ of state appropriated funds provided.

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4

The College of Engineering has been a good investment.

- ♦ In 1998 COE booked \$12.838 million in research, a growth of 264% since 1994.
- ♦ It generated \$9 million in external gifts in kind and cash contributions.
- ♦ While total faculty, staff, and DOE was expenses were \$10.481 million
- ♦ COE is a \$32.3 million academic enterprise

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5

A Broad Strategic Vision

- ♦ Just as it is not in the best interest of the State of Texas to have only two flagship institutions, it is not in the best interest of the College of Engineering to have only two flag ship departments, CE and EE.
- ♦ ChE, CS, IE, ME and ET all have demonstrated the potential to become flagship departments in the near term.

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Research is to a university what profit is to a business. Profit is what attracts the investment needed to have a first class business enterprise. Research is what attracts the investment needed to have a first class academic enterprise.

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7

Research Growth and Productivity

- ♦ More than double the annual research budget of the College of Engineering within 10 years to \$30 million.
- ♦ Achieve a productivity of \$250K per tenure track FTE in external funding. (It is currently \$124K/FTE.)

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8

Operating Leverage

- ♦ Develop a true business plan, balance sheet, and income statement for the College of Engineering.
- ♦ Achieve scalability and cost effectiveness at all levels of the college.

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9

A Snapshot of Where We Are Today

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College of Engineering Board of Regents

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Safe Harbor

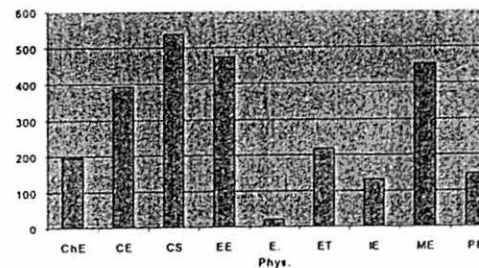
- ♦ The data presented here are intended only to reflect the operating leverage that each program achieves with the resources it is provided.
- ♦ The data is not intended to reflect the intrinsic merit of a given program with respect to other programs.

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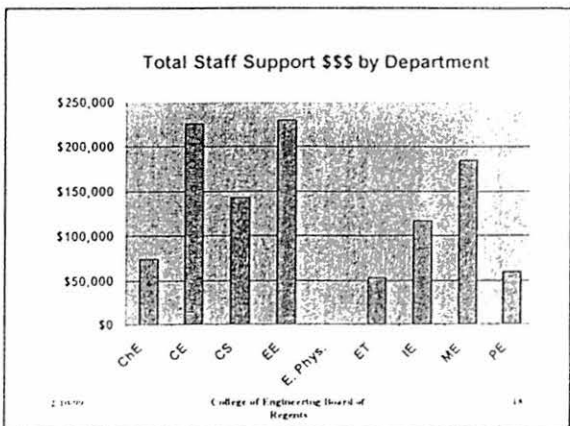
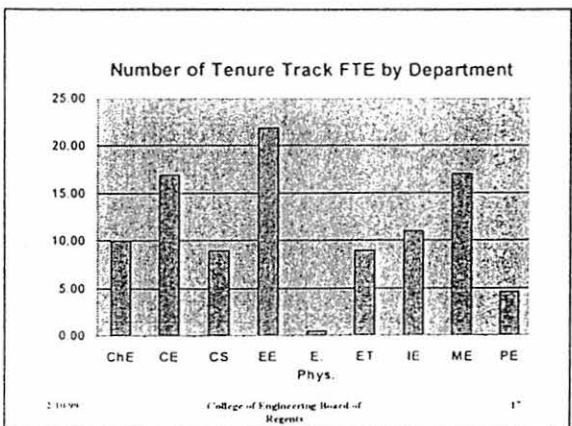
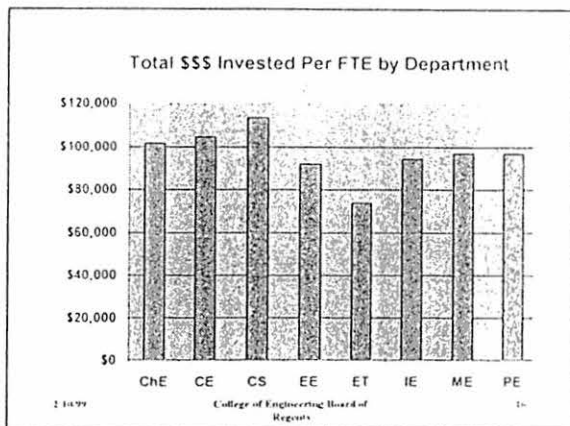
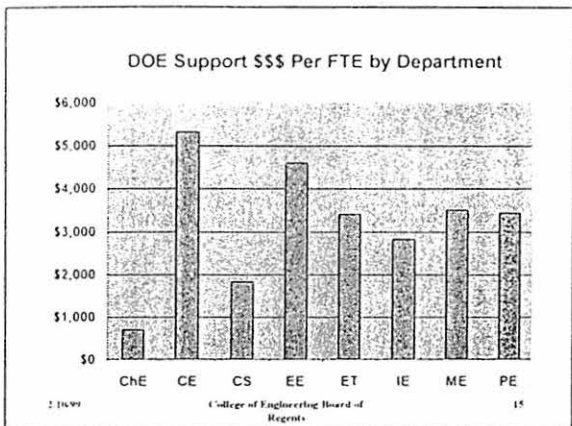
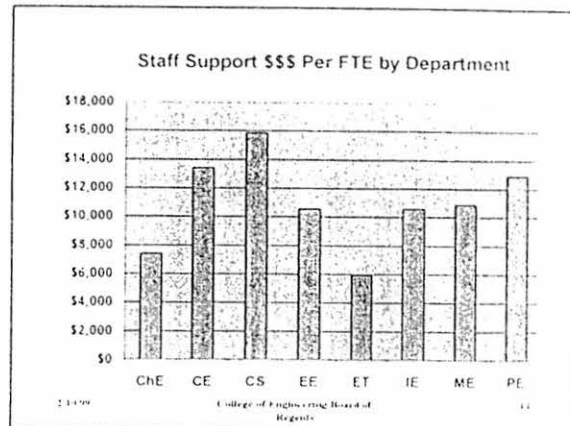
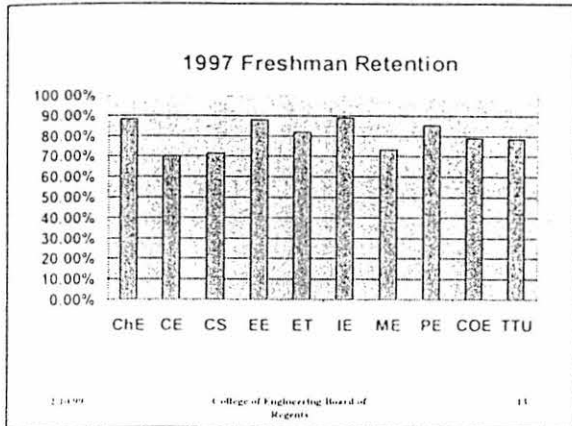
Head Count of Majors by Department

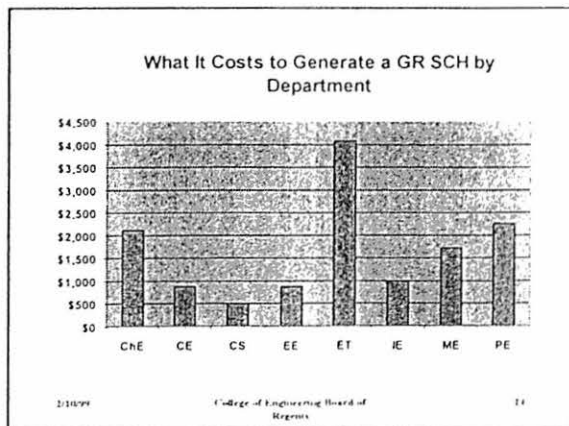
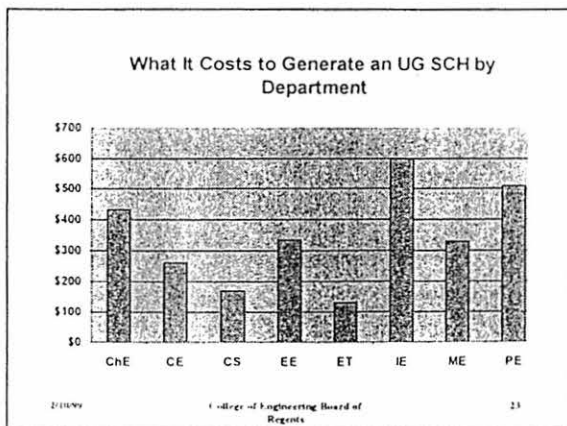
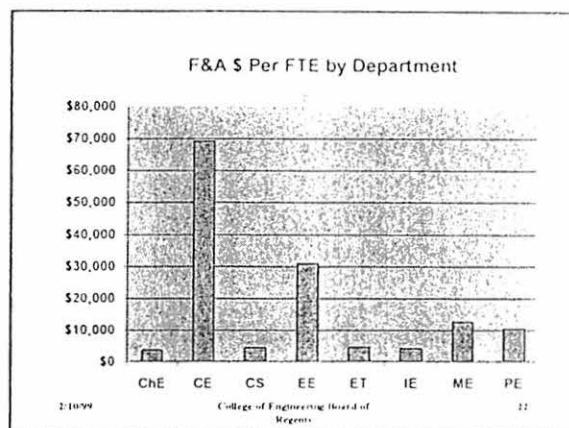
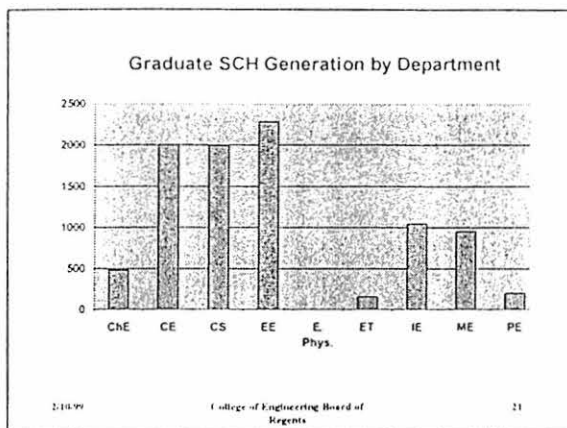
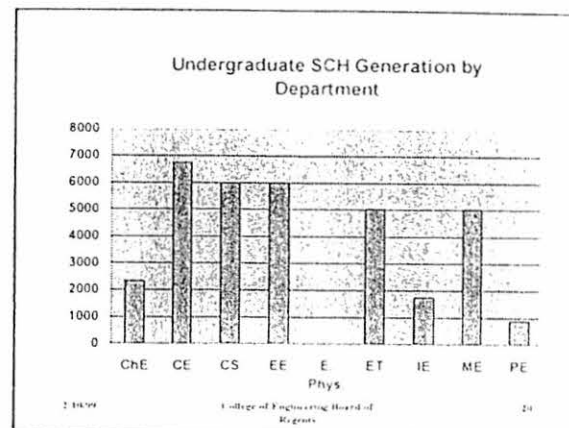
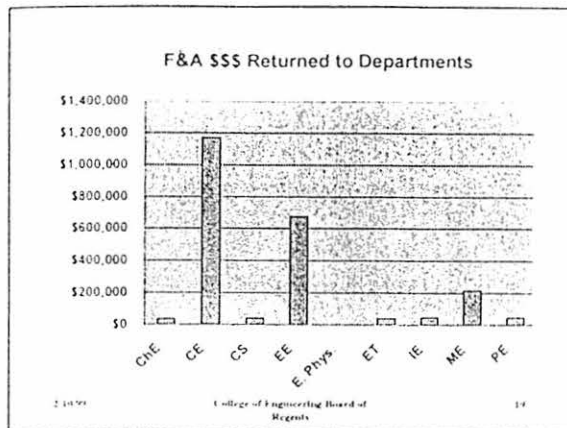


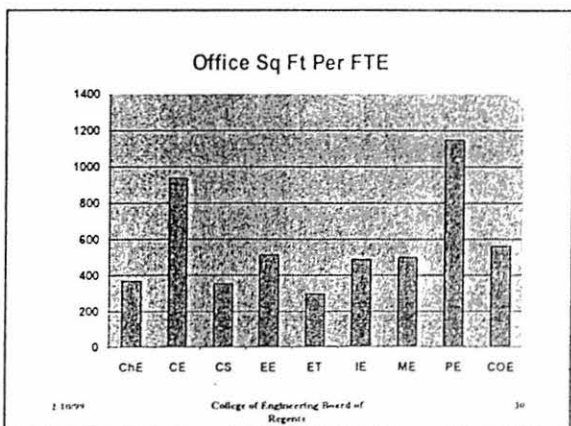
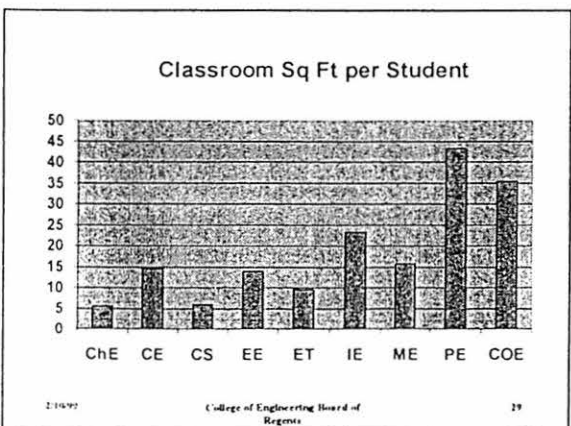
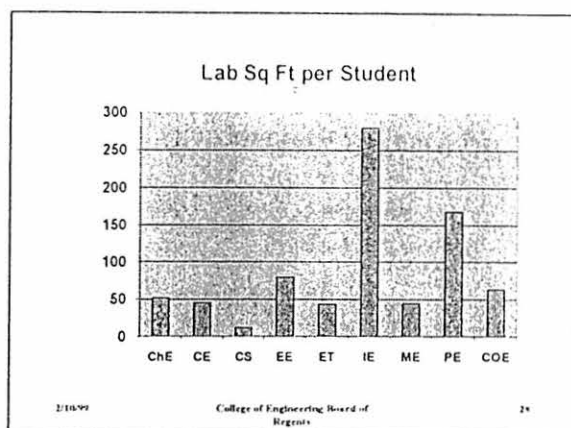
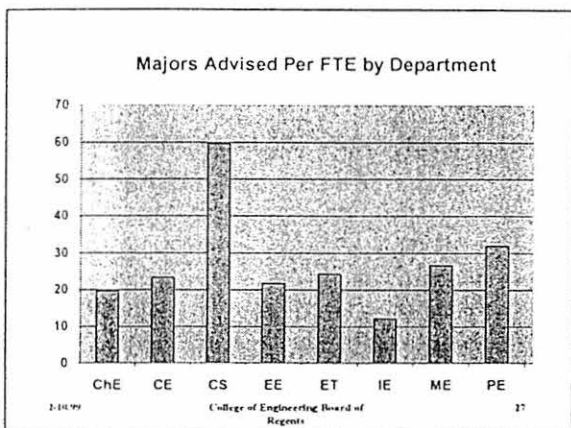
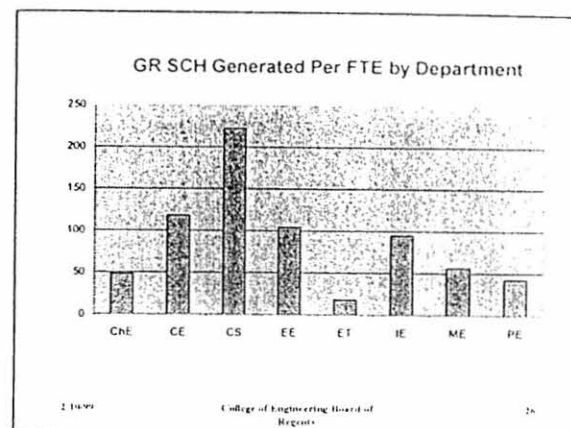
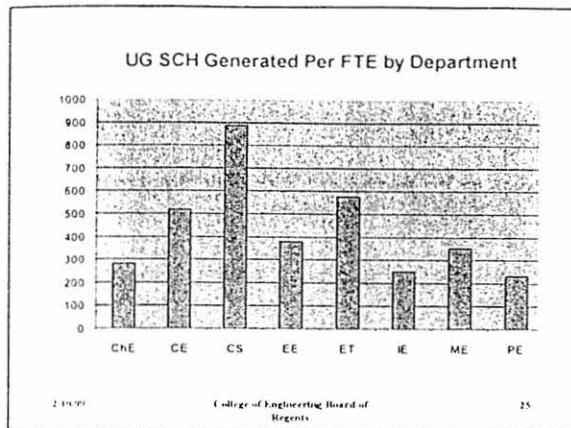
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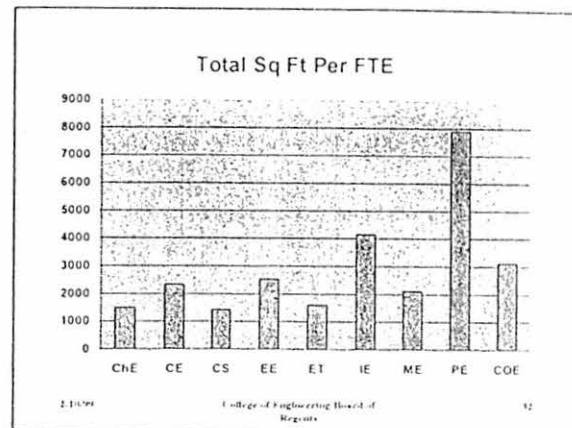
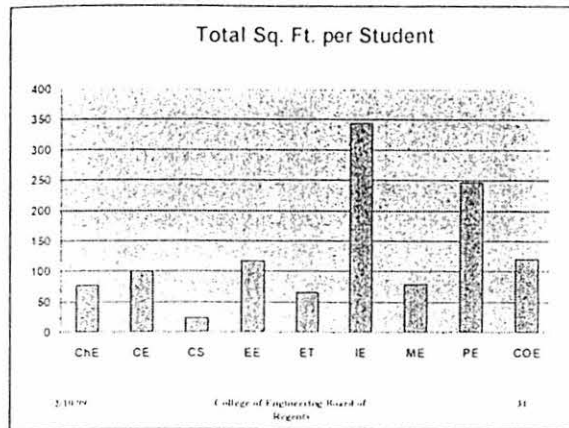
College of Engineering Board of Regents

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Investment in Space and Facilities Required to Get There

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Current Incremental Costs

- ♦ On average a tenure track FTE in COE costs:
 - + \$76,878 in salary
 - + \$11,768 in staff support
 - + \$4,091 in DOE support
 - + \$5,513 in HEAF Support
 - + \$6,714 in instructional administration
- ♦ Total \$104,983 per tenure track FTE

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Average Current ROI Per FTE

- ♦ \$124,000 in external research per year.
- ♦ \$22,735 in F&A return.
- ♦ 338 undergraduate SCH.
- ♦ 92 graduate SCH.
- ♦ 3 refereed publications per year

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Operating Leverage

- ♦ If we are to reach our goals of becoming a Research I institution we must do better than a simple linear extrapolation of current incremental costs and returns on investment.

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To Reach \$30 Million / Year Research Funding

- ♦ $120 \text{ FTE} * \$250\text{K}/\text{FTE} = \30 million.
- ♦ Would require an increase of 20 FTE in COE.
- ♦ Would require a \$2.1 million total increase in COE budget.
- ♦ An increase of \$17.3 million in research for an investment of \$2.1million.
- ♦ Achieve 8:1 incremental leverage.

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To Reach \$30 Million / Year In Research Funding

- ♦ It means roughly doubling faculty research productivity.
- ♦ It means roughly doubling faculty teaching effectiveness.

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Space and Facilities

- ♦ Reese Center has already enabled COE to grow its research facilities in CE and ME.
- ♦ The planned renovation of Livermore Auditorium, Engineering Center and the Chemical Engineering Building will help ChE, ET and CS, but it will require leveraging \$2.5M TTU dollars with \$2.5M external development dollars.

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Space and Facilities

- ♦ The last renovation of academic facilities occurred in the 1986-89 time frame.
- ♦ Chemical Engineering, Computer Science and Engineering Technology were not renovated at that time.

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Space and Facilities

- ♦ ABET and CSAB accreditation visits will take place in the Fall of 1999
- ♦ Institutional support for Chemical Engineering, Computer Science and Engineering Technology is a factor in receiving full term accreditation.

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High Performance Computing

- ♦ A high performance computing facility will be needed to support both main campus and Reese Center research facilities
- ♦ The IBM SP/6000 and the HPC Visualization Center at Reese are key elements to this plan.

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College of Engineering Board of
Regents

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Summary

- ♦ We need a strategic understanding of how operating leverage can produce a doubling of research in COE.
- ♦ We need to accomplish a more-than-proportional increase in student recruiting and/or retention.
- ♦ We need to leverage faculty positions with appropriate staff positions.

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Summary

- ♦ We need to address the space and facilities issues for both students and faculty.
- ♦ The three programs with the most growth potential are those that will be most impacted by the renovations.
- ♦ Existing programs will not be adversely impacted.

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What It Could Mean to TTU

- ♦ Research I Status Within 10 years
- ♦ Texas Tech In The Top 50 Research Institutions
- ♦ Flagship Status for TTU
- ♦ The College of Engineering Would Be The "Engineering College of Choice" for Undergraduate Education in Texas

2/10/99

College of Engineering Board of Regents

45

Report of the Investment Advisory Committee

The Investment Advisory Committee met at the Dallas Love Field Conference Center on January 21, 1999.

David Stein of Fund Evaluation Group (our investment consultants) presented a summary recapping the performance of the Long-Term Investment Fund (LTIF). Through November 30, 1998, the composite portfolio's quarterly return was 13.8%, slightly underperforming the balance index of 14.0%.

Mr. Crowson inquired as to the number of managers currently employed to invest LTIF funds. Mr. Stein indicated that at this point, we have less managers than other universities. Usually, the average number of investment managers for a fully diversified portfolio is seven. He thought that the Committee's thoughts of further diversifying the fixed income component of the LTIF might include the addition of a Real Estate Investment Trust (REIT) manager and perhaps the addition of a dedicated fixed income manager. At this point, the LTIF would have most of the investment sectors covered. Presently, each manager has a role within the LTIF's investment objective. The fees being paid are competitive. However, Mr. Stein did not believe that the LTIF needed to employ additional equity managers.

As requested by the Committee at its October 9, 1998 meeting, a request for proposal process was begun for the possible selection of a real estate investment trust (REIT) manager. The list of firms responding was narrowed to two with these firms, John McStay Investment Counsel and Alliance Capital, being invited to present their proposals to the Committee. It was observed, that over the last number of years, REITs had outperformed fixed income portfolios by some 5 to 6 percent and that a REIT component would improve the current LTIF's portfolio returns without a significant increase in investment risk.

Mr. John McStay, together with John Meder and Loren Soetenga were introduced to the Committee and presented their firm's real estate investment trust management proposal. Later, Mr. Daniel Pine and Mr. Brad Gillman of Alliance Capital also presented Alliance's proposal to the Committee. Following a discussion of the relative strengths of each firm, the Committee voted that the John McStay REIT investment fund be recommended to the Board of Regents for consideration. Further, the Committee recommended that the Board of Regent's LTIF Investment Policy be amended to incorporate a 7% REIT asset class investment target in the Policy's asset allocation section.

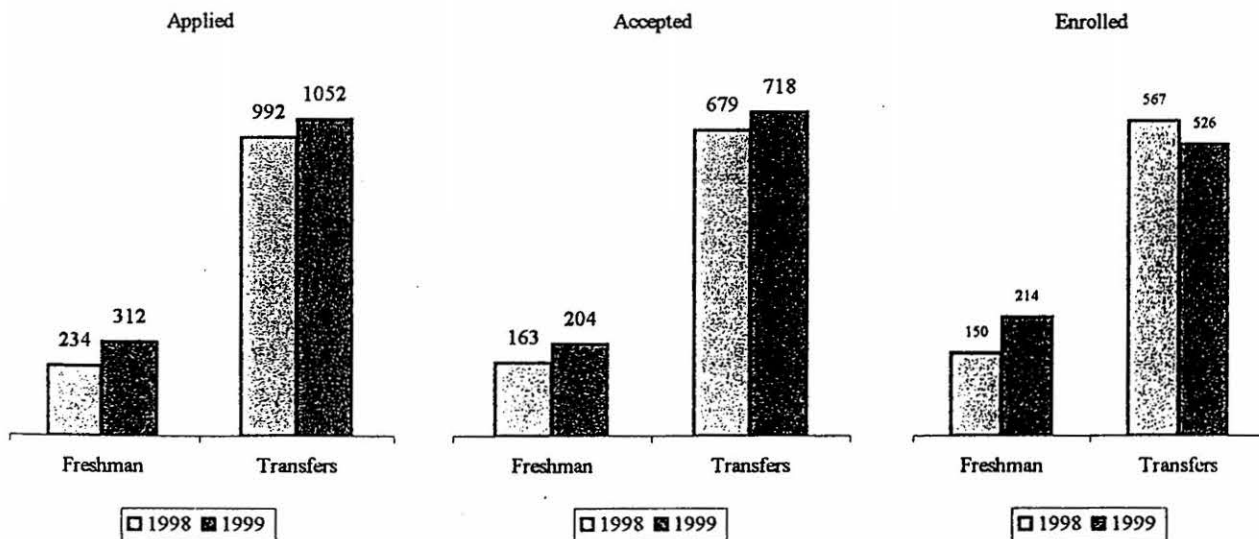
As requested by the Committee at its October 1998 meeting, Becker Capital and Hansberger Global Investors were present to discuss their performance. Mr. Thierry Wuilloud of Becker Capital provided a frank discussion of his firm's below average performance last year. Mr. Jim Chaney and Wesley Freeman of Hansberger Global Investors provided the Committee with a recap of the 1998 performance of their firm. Mr. Stein indicated that both managers have maintained discipline to their respective investment styles and that, over a rolling five year period, both have produced returns above their benchmarks and have been rated in the top quartile of their respective investment sectors. The Committee agreed to closely monitor their future performance.

The Investment Advisory Committee will meet before the May 12-13, 1999 meeting of the Board of Regents.

TEXAS TECH UNIVERSITY

Spring Undergraduate Admissions Final Report February 8, 1999

	1998	1999 (Preliminary) *	% Change
Freshman:			
Applied	234	312	33.33%
Accepted	163	204	25.15%
Enrolled	150	214	42.67%
Transfers:			
Applied	992	1052	6.05%
Accepted	679	718	5.74%
Enrolled	567	526	-7.23%



* 1999 Preliminary figures are based on 12th class day enrollment. Final enrollment data will not be available until the 20th class day--February 15th.

**Report to the Texas Tech University Board of Regents
Office of Enrollment Management
February 12, 1999**

Financial Aid

- Total financial aid distributed this year will exceed \$100 million. In all, approximately 15,000 Tech students will receive aid this year.
- A total of 13,338 loan checks were disbursed in January 1999.
- The Employee/Dependent Scholarship program continues to grow.
 - Spring, 1999: 362 awards totaling \$163,200
 - Fall, 1998: 325 awards totaling \$149,700

Records

- TechSIS Web for Students went on-line December 23, 1998. Students can use the site to see their unofficial transcripts, grades for the semester and schedule. In April, students will be randomly chosen to participate in a test of on-line registration. All students will register on-line next fall. Between the site's debut in December and February 4, over 8,000 students used the site.
- Preliminary data suggest that our spring enrollment will be in the neighborhood of 22,700. Last spring's final enrollment was 22,774.

Admissions and School Relations

- Applications from freshmen and transfer students are up this spring. Freshmen applications are up 33 percent, acceptances are up 25 percent and enrollment is expected to be up 40%. Transfer student applications are up 6 percent and acceptances are up over 5 percent. (Please refer to the January Admissions Report enclosed in your folder.)
- University Day will be held February 19, 1999. This all-day event brings several thousand high school students and their parents to campus for tours, financial aid information, and information fairs by colleges and departments, housing, and student organizations.
- We have contracted with a consultant to help develop new recruitment materials for the 1999-2000 admissions cycle. He is currently working with Professor Jerry Hudson in Mass Communications to organize a series of focus groups across the state to collect feedback about admissions issues and publication designs

The Freshman Seminar

- A record 1,600 freshmen enrolled for the freshman seminar last fall. In a survey completed at the end of the course, 79 percent of students indicated they would recommend the seminar to other students while 89 percent thought the class would help them be more successful students and 95 percent evaluated their instructors favorably.
- A new Web site and textbook will be available in the fall.
- The College of Human Sciences now requires the course of all students, and the Honors College is considering doing the same in the fall.

University Transition Advisement Center

- The Texas College Reading Learning Association recently named Don Garnett, director of the program, the Developmental Educator of the Year.
- UTAC provides services to approximately 1,500 students per year including undeclared majors in Arts and Sciences, provisionally admitted students and first-year pre law and general studies majors.
- Since April 1996, the office has also managed the McNair Scholars program. This federally funded program provides a \$2,400 annual stipend and mentoring opportunities to first generation, low-income students who are interested in graduate school and careers in university teaching. Texas Tech funds 21 McNair scholars per year.

PASS Learning Center

- The Learning Center will begin offering web-based tutorial services on March 1. On-line tutoring is one of the fastest growing trends in higher education today. Our web tutorial services will be offered initially in math, biology, chemistry, physics, accounting, economics and finance.

COLLEGE, DEPARTMENT AND ORGANIZATION SCHOLARSHIPS

Texas Tech University also offers a significant number of merit scholarships that are administered through the University's colleges and departments, as well as several University organizations. All students who submit the Entering Freshman Scholarship Application are automatically considered for these awards. Students majoring in art or music should contact the department regarding their application requirements, which may include the submission of a portfolio, audition or demonstration tape.

NEED-BASED AND OTHER ENDOWED SCHOLARSHIPS

Students who want to be considered for need-based scholarships should submit a Free Application for Federal Student Aid (FAFSA) along with the Entering Freshman Scholarship Application. To receive a FAFSA form, students may contact the Office of Student Financial Aid at Texas Tech University or a college in their area. Many high schools also provide this information.

The Office of Student Financial Aid also administers a number of endowed scholarships, which have donor-specified criteria such as state or county residence. Students who submit the Entering Freshman Scholarship Application are automatically considered for these awards.

Have a question? Give us a call!

Texas Tech University Info 806/742-2011
Admissions & School Relations 806/742-1480
Financial Aid 806/742-3681
Honors College 806/742-1828
Visitors Center 806/742-1299

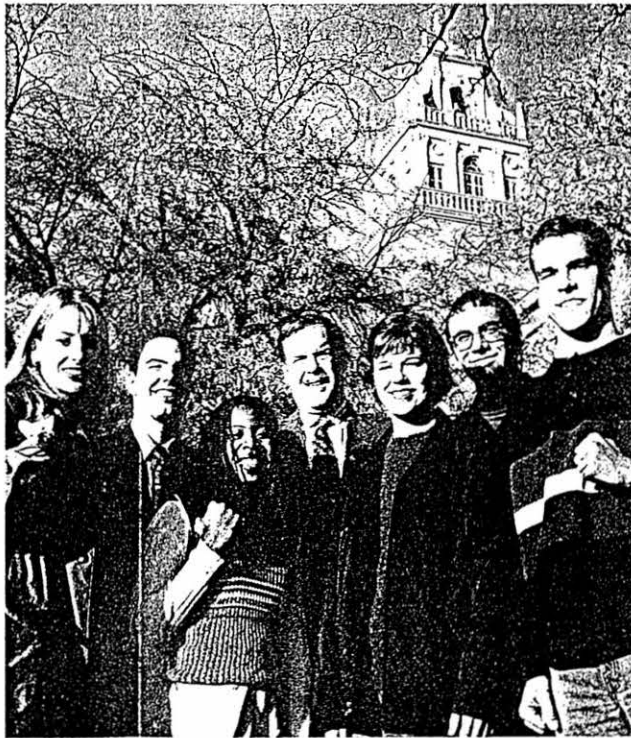
www.texastech.edu.

TEXAS TECH
UNIVERSITY

Merit Scholarships

1999-2000

Texas Tech University offers talented students an ideal setting in which to pursue their educational dreams. Long known for its beautiful 1,800-acre campus, internationally recognized faculty, diverse curriculum, and friendly campus environment, Texas Tech actively promotes academic inquiry and achievement. One of the ways in which we demonstrate our ongoing commitment to academic excellence is through our merit scholarship programs for entering freshmen.



OVERVIEW

The University Honors College administers general merit scholarships, while the colleges, academic departments and several campus organizations administer other merit scholarships related to academic major or area of interest. The University also offers a number of need-based merit scholarships and other scholarships with specific donor criteria that are administered by the Office of Student Financial Aid. Most merit-based scholarships have requirements for annual renewal. Typically these involve maintaining a specific grade point average along with enrollment in a minimum number of credit hours each semester.

The following information provides an overview of the merit scholarship programs available to students entering Texas Tech University. This information is intended as a resource guide and does not bind the University to any specific action. For additional information about our merit scholarship programs, please contact the University Honors College at (806) 742-1828 or the Office of Student Financial Aid at (806) 742-3144.

UNIVERSITY MERIT SCHOLARSHIPS

Scholarship Criteria

Merit scholarships at Texas Tech range in value from \$500 to \$8,000 annually, and are awarded competitively. The primary criteria used include high school performance, as measured by class standing, and standardized test scores (SAT-I or ACT). For students attending schools that do not calculate class rank, careful consideration is given to other factors such as high school grade point average, strength of curriculum, pattern of progress or other relevant information.

Application

Completion of the Entering Freshman Scholarship Application enables students to be considered for University scholarships. The application may be obtained by writing the Office of Student Financial Aid at Texas Tech University at P.O. Box 45011, Lubbock, Texas 79409-5011 or calling (806) 742-3144. Internet users may download the form which is available on the Financial Aid Web site: www.fina@ttu.edu.

Deadline

Scholarship applications should be completed and returned to the Office of Student Financial Aid **by March 1.**

Standardized Test Scores

Prospective students are encouraged to retake the SAT-I or ACT during the fall of their senior year. Improved test scores may help students qualify for a scholarship or increase the amount of scholarship funds awarded by Texas Tech.

■ *Presidential Plus Scholarship* —

This scholarship is given to students who are college-sponsored National Merit Finalists, and who designate Texas Tech University as their school of choice with the National Merit Scholarship Corporation. The amount of this scholarship package is \$8,000 annually for up to five years of undergraduate work as a full-time student. The student must maintain a minimum 3.5 grade point average and full-time enrollment.

■ *Presidential Endowed Scholarship* —

This is available to students with at least a 1400 SAT or 31 ACT and who rank in the top 10 percent of their graduating class. The amount is \$4,000 annually for up to five years of undergraduate

LEVELS OF AWARDS	AMOUNT	SAT/ACT	RANK	AVAILABLE
*Presidential Plus Scholarship	\$8,000	National Merit Finalist		5 years
Presidential Endowed Scholarship	\$4,000	1400/31	top 10%	5 years
Honors Endowed Scholarship	\$2,500	1300/29	top 10 %	5 years
McFadden University Scholars	\$1,500	1250/28	top 10%	5 years
Superior Scholastic Achievement	\$1,000	1200/26	top 10%	4 years
*Texas Tech Select Scholarship	\$1,000	National Merit Semifinalist		5 years
McFadden Leaders Scholarship	\$500	1100/24	top 10%	4 years
Outstanding Scholastic Achievement	\$500	1100/24	top 10%	4 years
University Scholarship	\$500	1100/24	top 10%	4 years

**Please see scholarship description.*

work. The student must maintain a minimum 3.5 grade point average and full-time enrollment. Such recipients must also fulfill the responsibilities of attending designated functions and corresponding annually with the scholarship donor.

■ **Texas Tech Select Scholarship** —

This scholarship is offered to National Merit Semifinalists. The amount of the award is \$1,000 annually for up to five years of undergraduate work as a full-time student. If the student becomes a college-sponsored National Merit Finalist, this award will become a part of the Presidential Plus Scholarship package.

■ **Honors Endowed Scholarship** —

This is available to students with at least a 1300 SAT or 29 ACT and who rank in the top 10 percent of their graduating class. The amount is \$2,500 annually for five years of undergraduate work. The student must maintain a minimum 3.25 grade point average and full-time enrollment.

■ **McFadden University Scholars** —

This is available to students with at least a 1250 SAT

or 28 ACT and who rank in the top 10 percent of their graduating class. The amount is \$1,500 annually for five years of undergraduate work. The student must maintain a 3.0 grade point average and be enrolled for 15 credit hours per semester.

■ **Superior Scholastic Achievement**

Scholarship — This is available to students with at least a 1200 SAT or 26 ACT and who rank in the top 10 percent of their graduating class. The amount is \$1,000 annually for four years of undergraduate work. This student must maintain a minimum 3.2 grade point average and full-time enrollment.

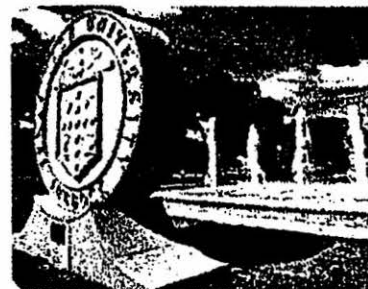
■ **McFadden Leaders Scholarship, Outstanding Scholastic Achievement Scholarship, or University Scholarship**

— This scholarship is awarded to students with at least an 1100 SAT or 24 ACT, and who rank in the top 10 percent of their high school class. The amount is \$500 annually for four years of undergraduate work as a full-time student. The student must maintain a minimum 3.0 grade point average and full-time enrollment.

Texas Tech *University*

academic calendar
apply to texas tech
catalog & course descriptions
financial aid
general education requirements
graduate admissions
international programs
new student information
registration
scholarships
student records
student services
techSIS web for students
transfer evaluation
tuition & fees
undergraduate admissions
search

main page



admissions


Admissions and School Relations
Box 45005
Lubbock, Texas 79409-5005
(806) 742-1482
nsr@ttu.edu

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Maintained by: Office of News and Publications
Contact: Michael Sommermeyer
Updated: January 06, 1999



Texas Tech University **TechSIS** Web for Students

Questions?

- [Answers](#) 
- [Schedule](#)
- [Sample screens](#)
- [Feedback](#) (for comments about the web site)

DON'T use your browser's Back or Forward buttons while in the areas below! (Why not?)



Student Information System

- Requires a valid Student ID Number and PIN.
- See your class schedule.
- See your addresses, holds, semester grades, unofficial transcript (TTU hours only), and transfer credit. Update your addresses. Change your PIN.
- *Not available to Allied Health and Nursing students, as these records are stored on the HSC computer system.*

Other Information

- [Abbreviations used here](#)
- [Spring '99 open class listing](#)
- [Academic calendars: 1998-99, 1999-2000](#)
- [Catalogs](#)
- [Official transcripts](#)
- [Undergraduate admissions](#)
- [Apply for undergraduate admission](#)
- [TTU Home Page](#)
- [Financial Aid](#)
- [Graduate School](#)
- [Health Sciences Center](#)
- [Law School](#)
- [Continuing Education](#)



Schedule of All Classes

- Look up the section number, call number, credit hours, status (open/closed), meeting days and times, location, start and end dates, and instructor for a class.
- Open/closed status is always up-to-date.

How to contact

Admissions & Records

- **Office:** Room 100, West Hall
- **Voice:** (806) 742-3661
- **Mail:** Lubbock TX 79409-5015
- **Fax:** (806) 742-0355

Site Activity

- [1998](#)
- [1999](#)

IMPORTANT PRIVACY INFORMATION

You must notify the Office of Admissions & Records *in person* if you do not want one or more of these items from your student records released to anyone outside the University: Name, Local Address, Permanent Address, Addresses for Mail Lists, Telephone Number, Sex, Race, Nationality, Date of Birth, Place of Birth, Parents' Name, Parents' Address, Class Schedule, Student Organization, Major, Classification, Degrees Awarded, Honors, Awards, Class Standing, Previous Institution, Home Newspaper, Weight/Height of Athlete, Sports Participation, Parking Permit Information, Directory Information.

Sample Screens

These are samples of the screens that are or will be available in TechSIS Web for Students. The information presented here is for a fictitious student at a fictitious university.

Return

Sample Class Schedule (detail)

Section ID	Course Title	Credit	GT	Days	Time	Start Date	End Date	Building	Room
HIST-101-301	INTRO TO HIST METHODS	3.00				09-05-96	12-15-96		
ENGL-499-201	INDEPENDENT STUDY	4.00				09-05-96	12-15-96		
ENGL-101-301	FRESHMAN COMPOSITION & LIT	3.00		MWF	02:00-02:50PM			DARN	500
				T	04:00-05:20PM				
				R	10:00-11:20AM				
				F	11:00-11:50AM				
				S	02:00-03:00PM				
				M	09:00-09:50AM	09-05-96	12-15-96		
PHYS-101-001	INTRO TO PHYSICS	3.00		TRF	01:00-01:50PM	09-05-96	12-15-96	DARN	119

Total Hours: 13.00

Sample Class Schedule (by day and time)

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
0800AM							
0900AM	ENGL-101						
1000AM				ENGL-101			
1100AM					ENGL-101		
1200NOON							
0100PM		PHYS-101		PHYS-101	PHYS-101		
0200PM	ENGL-101		ENGL-101		ENGL-101	ENGL-101	

0300PM							
0400PM		ENGL-101					
0500PM							

Courses not within date range or no times have been designated:

HIST-101 ENGL-499

Sample Semester Grades

Grading Term: Fall 1996

Section ID	Course Title	Grade	Attempted Hours	Earned Hours	Quality Hours	Quality Points	GPA
HIST-101-301	INTRO TO HIST METHODS	B	3.00	3.00	3.00	9.00	
ENGL-499-201	INDEPENDENT STUDY	A	4.00	1.00	1.00	4.00	
ENGL-101-301	FRESHMAN COMPOSITION & LIT	B+	3.00	3.00	3.00	9.75	
PHYS-101-001	INTRO TO PHYSICS		3.00	0.00	0.00	0.00	
Current Term:				7.00	7.00	22.75	3.25
Cumulative: THRU Fall 1996				13.00	7.00	22.75	3.250

Sample Fee Assessment and Account Summary

Fall 1996

Due Date	05/17/97
Previous Balance	0.00
Current Amount Due	655.01

Due Date	Subcode	Description	Charges	Credits
09-05-96	10000	Tuition (All)	2,500.00	0
09-05-96	21100	Computer Usage	50.01	0
09-05-96	50020	Freshman Orientation	45.00	0
09-05-96	50030	Student Union Usage Fee	20.00	0
09-05-96	50040	Student Association Fee	40.00	0
09-07-96	80100	Pell	0	1,500.00

09-07-98	80104	Student Loan	0	500.00
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Sample Unofficial Transcript

The following is the institutional credit information which is currently on file for you.

Current Degree Information

College: College of Arts and Sciences

Degree: Bachelor of Arts

Major1: History

Major2:

Institutional Credit

Fall 1996					
Course ID	Course Title	Earned Hours	Quality Hours	Quality Points	Grade
HIST-101-301	INTRO TO HIST METHODS	3.00	3.00	9.00	B
ENGL-499-201	INDEPENDENT STUDY	1.00	1.00	4.00	A
ENGL-101-301	FRESHMAN COMPOSITION & LIT	3.00	3.00	9.75	B+
PHYS-101-001	INTRO TO PHYSICS	0.00	0.00	0.00	
	Attempted Hours	Earned Hours	Quality Hours	Quality Points	GPA
Current	13.00	7.00	7.00	22.75	3.25
Cumulative	13.00	7.00	7.00	22.75	3.25
<i>This is NOT an official transcript</i>					

Sample Transfer Credit

Current Degree Information

College: College of Arts and Sciences

Degree: Bachelor of Arts

Major1: History

Major2:

Transfer Credit

Institution	Term Applied	Course Title	Earned Hours	Quality Hours	Quality Points	GPA
Blinn College	Fall 1996	ACCTG001	3.00	3.00	9.00	
		ACCTG002	3.00	3.00	12.00	
Institutional Transfer Hours			6.00	6.00	21.00	3.50
<i>This is NOT an official transcript</i>						
Cumulative Transfer Hours			6.00	6.00	21.00	3.50

Sample Holds

These are the holds on your record. If you have a registration hold you will not be allowed to register. A transcript hold will prevent you from viewing your transcript information and your grades.

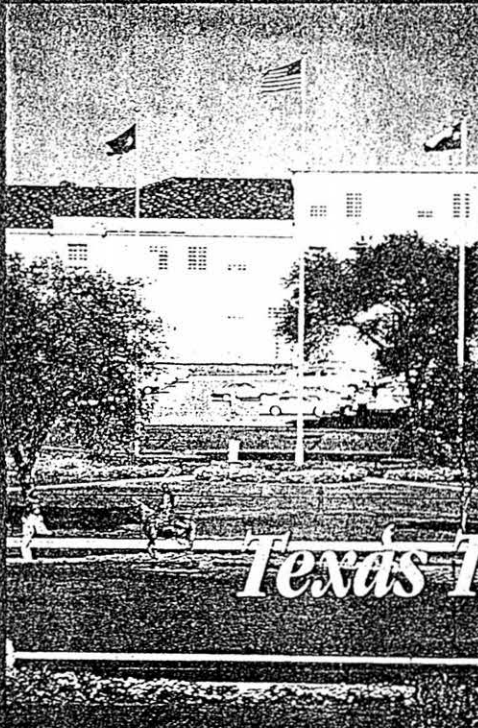
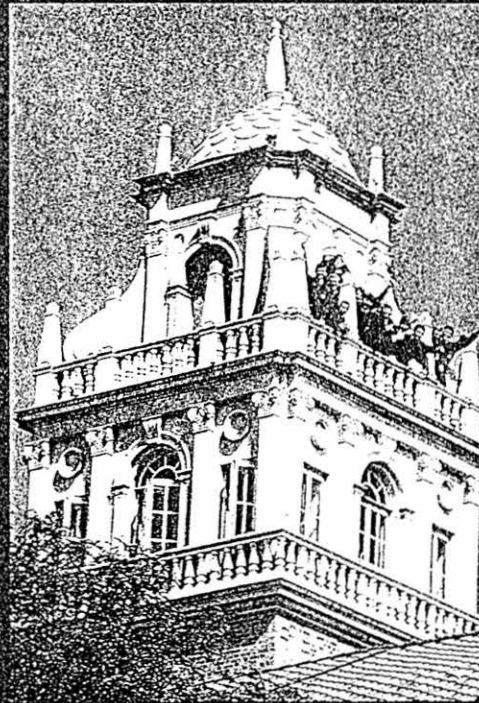
Registration Holds:01
Transcript Holds:00
Admissions Holds:00
Financial Aid Holds:01
Housing Holds:00

Hold Type	Reason	Effective Term	Waived Term	Entry Office
Financial Aid Hold		Fall 1995	Fall 1996	University Registrar
Registration Hold	Unsatisfactory academic progress	None	Fall 1996	University Registrar

Sample Financial Aid Award Information

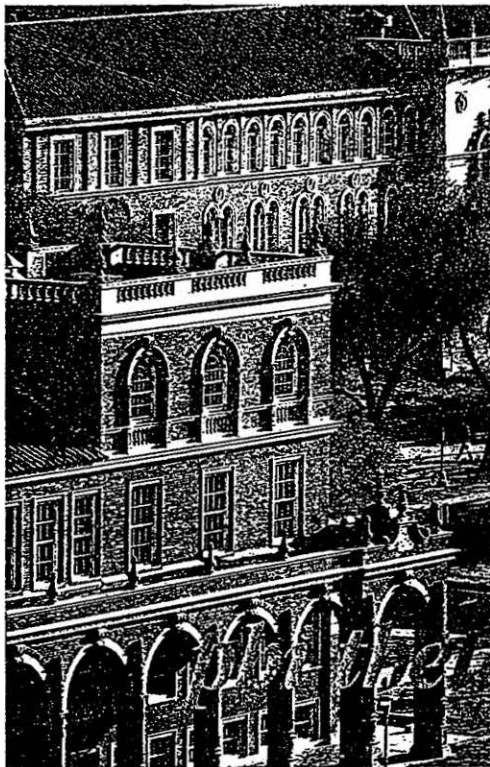
Award Year 1997

Award Fund	Term	Offered Amount	Accepted Amount	Paid Amount
PELL GRANT		3,000.00	3,000.00	1,500.00
	Fall 1996	1,500.00	1,500.00	1,500.00
	Spring 1997	1,500.00	1,500.00	0.00
Student Loan		500.00	500.00	500.00
	Fall 1996	500.00	500.00	500.00
	Spring 1997	0.00	0.00	0.00
Perkins		3,000.00	3,000.00	0.00
	Fall 1996	1,500.00	1,500.00	0.00
	Spring 1997	1,500.00	1,500.00	0.00



Texas Tech University

Texas Tech University is located in Lubbock, Texas, in the heart of the high plains of West Texas. A friendly community of almost 200,000 residents, Lubbock strongly supports Texas Tech in all academic and athletic endeavors. More than 24,000 students from every county in Texas, every state in the nation, and more than 120 countries worldwide make Texas Tech and Lubbock a home away from home. Over 65 percent of our students come from farther than 300 miles away, creating a very residential campus environment. As a transfer student, you will find a program tailored to your needs in every area of campus life. Your transition to Texas Tech is made easy by the willing and helpful attitudes of faculty, staff, and students.



Alumni of Phi Theta Kappa transferring to Texas Tech University join an elite group. Texas Tech's PTK Alumni Chapter, Delta of Texas, is the largest in the nation. Along with all of its awards and national recognition, Delta of Texas has had more international officers than any other alumni chapter in the nation. Being a member of Phi Theta Kappa affords you many special privileges from the moment you arrive on campus at Texas Tech. Not only are you eligible for over 65 PTK scholarships, but also, as a member of Phi Theta Kappa, you are invited to attend Texas Tech University's Honor Transfer Day. This special day is an opportunity for

Phi Theta Kappa
Phi Theta Kappans to preview Texas Tech, pre-register for classes before any new students, and, if planning to live on campus, secure a room in the residence hall of their choice. The VIP treatment PTK members receive at Texas Tech is unparalleled at any other university in the nation.

Quality is the hallmark of Texas Tech's academic programs. Along with one of the most diverse degree offerings in the nation, Texas Tech is the only university in the nation with a graduate school, a medical school and a law school all at the same location. Texas Tech offers over 200 undergraduate degrees as well as over 100 master's and 50 doctoral degrees from the following colleges and schools:

College of Agricultural Sciences and Natural Resources
College of Architecture
College of Arts and Sciences
 School of Mass Communications
 School of Music
College of Business Administration
College of Education
College of Engineering
College of Human Sciences
Graduate School
School of Law
Health Sciences Center
 School of Allied Health
 School of Nursing
 School of Medicine
 School of Pharmacy

academics



Exciting and rewarding college experiences involve more than just going to class and studying. Texas Tech has over 300 student organizations to choose from involving professional, academic, service, religious, student government, recreational, social, multicultural, and special interest activities. In addition to Delta of Texas, there are over 30 other honor societies that recognize outstanding scholastic achievement by Texas Tech

campus life



students. Texas Tech also has one of the largest student recreation centers in the nation, housing basketball courts, raquetball courts, weight rooms, aerobic classes, and one of the largest intramural programs in the country.

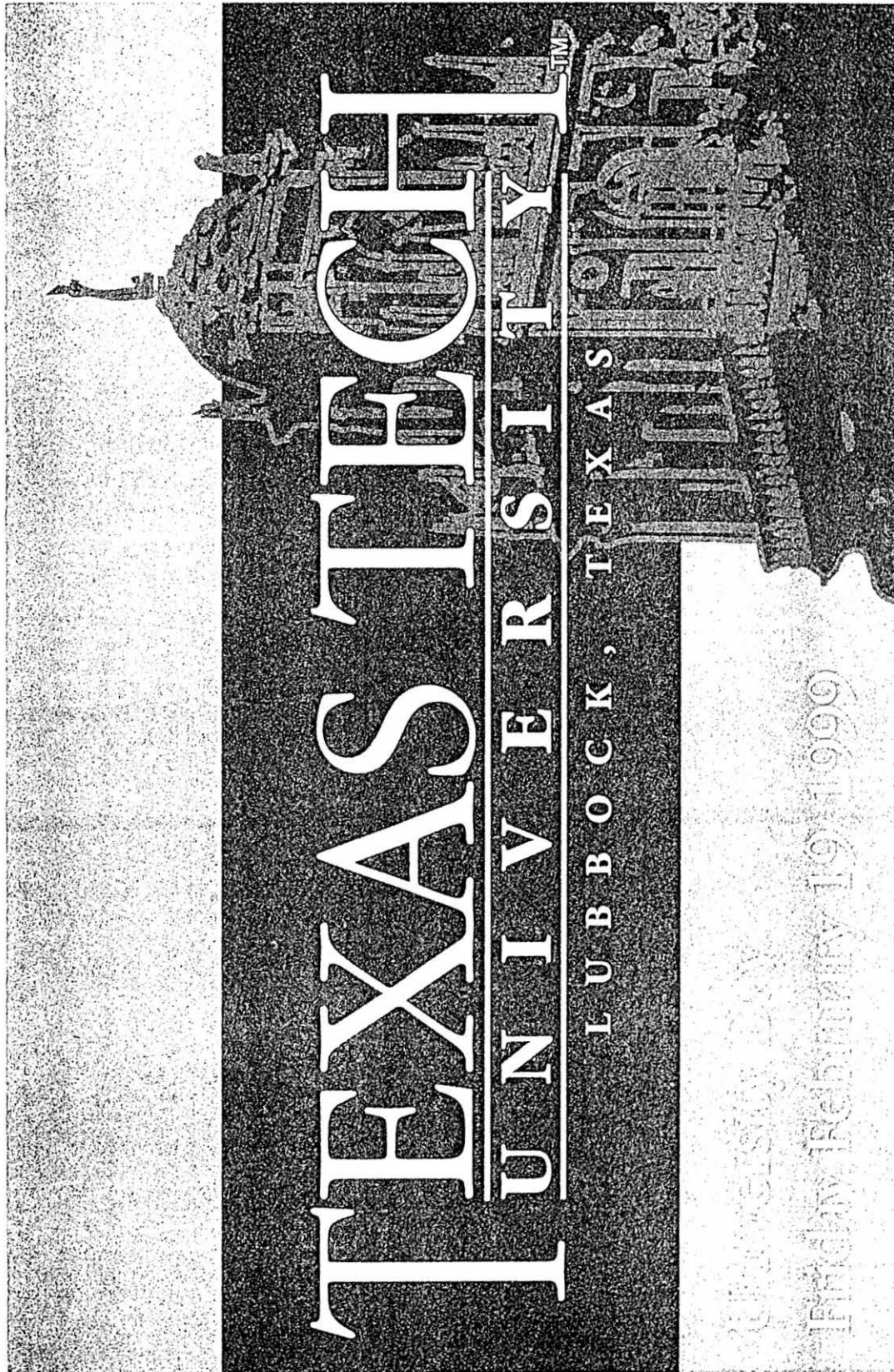


Office of New Student Relations

Box 45005

Lubbock, Texas 79409-5005

(806) 742-1480



You are invited to University Day, a chance for you, your parents and your friends to discover the outstanding programs at Texas Tech University.

Planned events include academic information sessions, campus tours, student service and organization fairs and special entertainment-not to mention lots of Texas Tech spirit and tradition! Ample time is provided for you to visit with Texas Tech faculty, staff and students in both formal and informal settings. Our doors are open, and we are waiting to show you what your future holds at Texas Tech University.

REGISTRATION begins at 8 am in the Lubbock Municipal Auditorium Lobby. **ADVANCE REGISTRATION IS NOT REQUIRED.** Enjoy the sounds of the Texas Tech Court Jesters Band and an enthusiastic welcome from campus spirit groups and mascots. Complimentary coffee will be provided by the Texas Tech Dads and Moms Association.

THE OPENING ASSEMBLY begins at 9 am and features a special greeting from Texas Tech President Donald Hargan. This overview of University Day activities is not to be missed! **NOTE:** Visitors arriving after 10:30 am should go to the University Center.

ACADEMIC INFORMATION SESSIONS are held for each of the following colleges and schools: Agricultural Sciences, Architecture, Arts and Sciences, Business Administration, Education, Engineering, Honors, Human Sciences, Allied Health, and Nursing.

INFORMATION FAIRS are held throughout the morning and early afternoon in the University Center. Representatives from academic colleges and departments, student services and campus organizations answer questions and give more detailed information about individual programs.

GUIDED BUS TOURS of the campus depart from the University Center every 20 minutes until early afternoon. A Residence Hall Trolley Line gives visitors a first-hand look at the advantages of living on campus. Meal tickets for any campus dining halls may be purchased at registration-lunch \$4.95, dinner \$5.75. Additional afternoon tours of individual academic and research facilities are offered by some colleges and departments.

THE CLOSING ASSEMBLY begins at 3 pm with a final opportunity for representatives from the Office of Admissions and School Relations to answer any remaining questions and give away some great Texas Tech souvenirs!

THE MIXER caps off an exciting day with a chance to mingle with current students and future classmates while enjoying music, dancing and refreshments. Festivities begin at 7 pm at the Market Alumni Center. Parents are welcome!

RESERVED PARKING for University Day visitors is in the lot at the east side of the Municipal Auditorium. More parking is located in campus commuter lots. Free buses run between parking lots, the auditorium and the University Center.

LUBBOCK, TEXAS, located on the high plains of West Texas, is home to almost 190,000 residents, and a home away from home for almost 25,000 Texas Tech students.

Directions:

From the south or southeast:

Enter the city on Highway 84.

Take Loop 289 West to the University Avenue North exit.

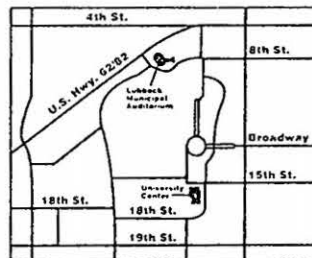
From the north:

Enter the city on Interstate 27

and take the Texas Tech University exit.

From the west or southwest:

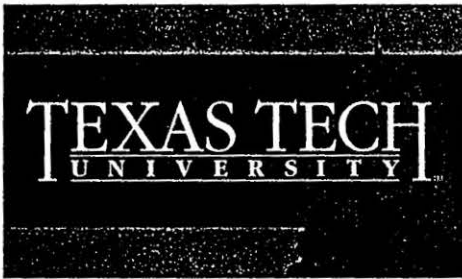
Enter the city on Highway 62/82.



University Day

Friday, February 19, 1999

TEXAS TECH
UNIVERSITY



Office of Admissions and School Relations
Box 45005 • Lubbock, TX 79409-5005

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Lubbock, TX
Permit No. 719

RadioTexasTech

Streaming music and news from Texas Tech University.

To listen you will need the following:

PC -- WinAmp player.
plus a soundcard and speakers.

Connect

Currently Playing :

Music selections from the Goin' Band from Raiderland, plus news coverage featuring Texas Tech University scientists.

Upcoming Events :

None Scheduled

MP3 Links :

[Diamond Rio](#) -- handheld MP3 player.

[MP3.com](#) -- free music, players and encoders.

[Shoutcast](#) -- live MP3 broadcasters.

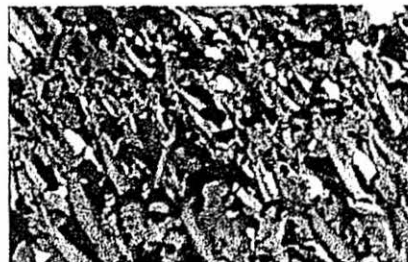
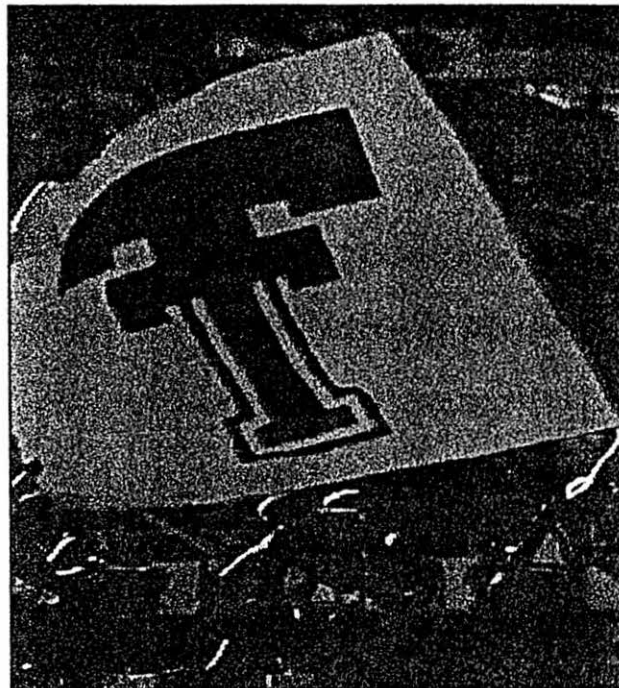
We could increase the number of listeners with a series of relay stations. Want to help? [Contact us to learn how.](#)

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[Texas Tech University HomePage](#)

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Contact: [Michael Sommermeyer](#)
Updated: January 25, 1999



**CHANCELLOR'S REPORT
BOARD OF REGENTS
February 12, 1999**

Thank you Mr. Chairman and members.

Already 1999 has been an eventful year for Texas Tech and our Texas Tech Health Sciences Center. I thought we had a very good session with the dinner last evening. We were able to interact with a number of our alumni and support personnel. I think we should reflect on the benefits of being mobile at least one meeting a year, traversing this great state and taking our message across Texas. I noticed this morning we had a story in the Texas Southwest Section of the *Dallas Morning News* about our capital campaign. We cannot operate in a vacuum and get the message out about Texas Tech. So, I think indeed these sessions are beneficial as we move about the state and talk about the opportunities Texas Tech offers to Texans.

Relative to the Horizon Campaign, there are a couple of recent successes I'd like to highlight. We received a wonderful \$10 million cash gift from the Southwestern Bell Foundation on January 21 that coincided with the kickoff for our Horizon Campaign in the San Antonio region. This gift, I think, as requested by the company, was very innovative. Half the gift, \$5 million, will be used to establish endowments for 200 new scholarships for economically disadvantaged students. These will be four-year scholarships. In order to qualify, a student must be economically disadvantaged, acquire admission through the regular procedures to Texas Tech, and graduate in the

top 25% of their graduating class. The remaining \$5 million of the gift will fund needed endowed chairs and professorships in various colleges at Texas Tech and the Health Sciences Center.

Another wonderful gift last week, the largest individual gift of the campaign, was a \$14.5 million irrevocable trust from one of our loyal alumnus who requested anonymity. I am always overwhelmed at how unselfish and caring people are, and that contribution certainly was a moving gift expressing the gratitude of a particular Texas Tech family. That kind of generosity is what the capital campaign is all about. The donors have earmarked the funds for multi-disciplined areas with a large part of it going for endowed scholarships.

Construction is vibrant on our campus. The most visible work in progress is the United Spirit Arena. A new manager was hired for the arena who will begin his duties on March 1. His name is Kent W. Meredith. Mr. Meredith is an established facility manager with more than 11 years experience. He is currently an assistant to the director at the Alamo Dome in San Antonio. We believe he was the best qualified person to come and serve as general manager for our new United Spirit Arena. Another building project that is coming along nicely is the Ex-Student Pavillion adjacent to Jones Stadium.

Then, there was a lot of excitement this week when we broke ground on the new English/Philosophy/Education complex. We thought it was fitting that we give you a commemorative of that event in the form of a dictionary and a thesaurus for your desk.

Likewise, we broke ground on the new women's fast-pitch softball complex, and you have an autographed softball. I think there is a little more significance to Coach Gillespie's program than meets the eye. Not only are these student athletes high academic achievers, but also within three years Coach Gillespie has brought us a nationally-ranked program without even a regular field to play on. So, we are excited about this new opportunity.

Also, I would add that on Fourth Street as you travel around the campus, the new United States Department of Agriculture Plant Stress Lab is nearing completion. As we expand our research portfolio, we are excited about the opportunities for the future of Texas Tech and the South Plains in that facility as we will do nationally significant, cutting- edge research on plant stress as well as water conservation and application procedures.

And lastly, I would like to mention that on Tuesday of this coming week, we will be appearing before the House Appropriations sub-committee on Higher Education to present the Texas Tech budget request. On Wednesday, we will be appearing before the Senate Finance Committee with our request. I anticipate we will necessarily spend

a lot of time in Austin. After all, the Legislature of the State of Texas is our largest donor. Certainly these next few months are crucial to us, particularly with our ambitions that we've established and the needs we've identified to elevate ourselves to becoming a Tier I research university. I appreciate some of the board members indicating a willingness to come to Austin and help us on an as-needed basis. I suppose we won't be bashful in calling on you. The last two months are always the most crucial time, and you may get a call in April or May to join me. So, we look forward to a productive legislative session.

As I stated last night, I'm very excited about Texas Tech. I hope you are. I think we are on the right track. I feel good about the leadership team in place. There will be a few bumps on the road, like student financial aid, but I think we are going to work together. I believe the future is ours, and as I indicated to you, I've just been totally overwhelmed at our strength. I think, indeed, when you look at what has already been done with the capital campaign, the staff that we've assembled through the Development Office, and the others that have participated in that initiative, that we have probably underestimated our strength. And frankly, I will make a prediction to you today that I will try to live up to. I think we will finish this capital campaign two years ahead of schedule. I think we will be celebrating the attainment of the \$300 million goal forthwith and to me, that will bring us to a new plateau. We can never stop due to the contemporary excellence required in higher education. We can never let our guard down on fund raising, but I don't like to call it fund raising. I like to call it an investment, and I hope it does bring us to a new

plateau. I envision the conclusion of this capital campaign as being the launching point for a new horizon at Texas Tech.

Thank you very much, and I will be happy to take any questions.

TEXAS TECH UNIVERSITY
TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER
Lubbock, Texas

Finance and Administration Committee

FOR BOARD INFORMATION

TEXAS TECH UNIVERSITY

1. Summary of Revenue and Expenditures by Budget Category, Fiscal Year 1999; November 30, 1998
2. Report of Official Travel, Fiscal Year 1999
3. Office of Development, Gifts and Grants, Fiscal Quarter Comparison, Per *Board Policy 05.01.3*
4. Faculty Employment Contracts Greater Than \$100,000 Per Annum Per *Board Policy 04.05.4*
 - James Dickey, Lubbock, TX

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

1. Summary of Revenue and Expenditures by Budget Category, Fiscal Year 1999; November 30, 1998
2. Budget Adjustments for Research, Contracts, Grants and Sponsored Projects; 10/1/98 – 12/31/98; Per *Board Policy 04.04.4*
3. Renewal Contracts Greater Than \$100,000 Per Annum, Per *Board Policy 04.05.5*
 - Community Health Center of Lubbock
 - Amarillo Radiology Associates
 - City of El Paso
 - Medical Center Hospital
 - Methodist Children's Hospital
 - University of Texas at El Paso
 - Lubbock Regional MHMR
4. Affiliation Agreements, September 1, 1998 to December 31, 1998
5. School of Medicine Faculty Employment Contracts, Per *Board Policy 04.04*
6. Report of Official Travel, Fiscal Year 1999

[The above referenced information items are on file in the Board of Regent's office.]