

TEXAS TECH UNIVERSITY SYSTEM  
Lubbock, Texas

Minutes

Board of Regents

November 14-15, 2024

Thursday, November 14, 2024.—The members of the Board of Regents of the Texas Tech University System convened at 9:00 am on Thursday, November 14, 2024, in the Regents Conference Room (104A), First Floor, System Administration Building, 1508 Knoxville Avenue, Lubbock, Texas, with the following in attendance:

ATTENDANCE.—

Regents present in person were Arcilia Acosta; Cody Campbell; Clay Cash; Tim Culp; Ginger Kerrick Davis, Vice Chairwoman; Pat Gordon; Mark Griffin, Chairman; Shelley Sweatt; Dusty Womble; and Jad Zeitouni, Student Regent.

The following officers and staff were present for all or a portion of the meeting: Dr. Tedd Mitchell, Chancellor, TTUS; Dr. Lawrence Schovanec, President, TTU; Dr. Richard Lange, President, TTUHSC El Paso; Dr. Lori Rice-Spearman, President, TTUHSC; Mr. Ronnie Hawkins, Jr., President, ASU; Dr. Stacia Haynie, President, MSU; Mr. Eric Bentley, Vice Chancellor and General Counsel, TTUS; Mr. Keino McWhinney, Secretary of the Board and Special Advisor to the Chancellor, TTUS; Mr. James Mauldin, Chief Financial Officer, TTUS; Mr. Billy Breedlove, Vice Chancellor for Facilities, Planning and Construction, TTUS; Mrs. Kim Turner, Chief Audit Executive, Office of Audit Services, TTUS; Mr. Patrick Kramer, Vice Chancellor for Institutional Advancement, TTUS; Ms. Martha Brown, Vice Chancellor for State Relations, TTUS; Mr. Steve Sosland, Vice Chancellor, Leader and Culture Development, TTUS; Mr. Dailey Fuller, Chief of Staff, Chancellor's Office, TTUS; Mrs. Christy Haynes, Deputy Chief of Staff, TTUS; Mrs. Noel Sloan, Senior Vice President for Administration and Finance and Chief Financial Officer, TTU; Mrs. Penny Harkey, Vice President and Chief Financial Officer, TTUHSC; Ms. Angie Wright, Vice President for Finance and Administration, ASU; Ms. Jessica Fisher, Vice President for Finance and Administration and Chief Financial Officer, TTUHSC El Paso; Mr. Tim Barrett, Chief Investment Officer, Office of Investments, TTUS; Dr. Ronald Hendrick, Provost, TTU; Dr. Darrin D'Agostino, Provost and Chief Academic Officer, TTUHSC; and Dr. Marcy Brown Marsden, Provost, MSU; Mr. Byron Kennedy, Vice President for Advancement, TTU; and Mrs. Christina Martinez, Assistant Secretary to the Board of Regents, TTUS.

- I. MEETING OF THE BOARD—CALL TO ORDER; CONVENE INTO OPEN SESSION OF THE BOARD.—At 9:00 am, Chairman Griffin announced a quorum present and called the meeting to order.

- I.A. TTU: COMPREHENSIVE FUNDRAISING CAMPAIGN REPORT.—  
Chairman Griffin called on Dr. Schovanec and Mr. Kennedy who presented a fundraising campaign report, included herewith as Attachment No. 1 (TTU The Campaign for Texas Tech, On & On).

II. RECESS—The Meeting of the Board was recessed at 9:13 am.

Thursday, November 14, 2024.—The members of the Board of Regents of the Texas Tech University System convened committee meetings sequentially upon recess of the Meeting of the Board beginning at 9:14 am on Thursday, November 14, 2024, in the Regents Conference Room (104A), First Floor, System Administration Building, 1508 Knoxville Avenue, Lubbock, Texas, with the following in attendance:

ATTENDANCE.—

Regents present in person were Arcilia Acosta; Cody Campbell; Clay Cash; Tim Culp; Ginger Kerrick Davis, Vice Chairwoman; Pat Gordon; Mark Griffin, Chairman; Shelley Sweatt; Dusty Womble; and Jad Zeitouni, Student Regent.

The following officers and staff were present for all or a portion of the meeting: Dr. Tedd Mitchell, Chancellor, TTUS; Dr. Lawrence Schovanec, President, TTU; Dr. Richard Lange, President, TTUHSC El Paso; Dr. Lori Rice-Spearman, President, TTUHSC; Mr. Ronnie Hawkins, Jr., President, ASU; Dr. Stacia Haynie, President, MSU; Mr. Eric Bentley, Vice Chancellor and General Counsel, TTUS; Mr. Keino McWhinney, Secretary of the Board and Special Advisor to the Chancellor, TTUS; Mr. James Mauldin, Chief Financial Officer, TTUS; Mr. Billy Breedlove, Vice Chancellor for Facilities, Planning and Construction, TTUS; Mrs. Kim Turner, Chief Audit Executive, Office of Audit Services, TTUS; Mr. Patrick Kramer, Vice Chancellor for Institutional Advancement, TTUS; Ms. Martha Brown, Vice Chancellor for State Relations, TTUS; Mr. Steve Sosland, Vice Chancellor, Leader and Culture Development, TTUS; Mr. Dailey Fuller, Chief of Staff, Chancellor's Office, TTUS; Mrs. Christy Haynes, Deputy Chief of Staff, TTUS; Mrs. Noel Sloan, Senior Vice President for Administration and Finance and Chief Financial Officer, TTU; Mrs. Penny Harkey, Vice President and Chief Financial Officer, TTUHSC; Ms. Angie Wright, Vice President for Finance and Administration, ASU; Ms. Jessica Fisher, Vice President for Finance and Administration and Chief Financial Officer, TTUHSC El Paso; Mr. Tim Barrett, Chief Investment Officer, Office of Investments, TTUS; Dr. Ronald Hendrick, Provost, TTU; Dr. Darrin D'Agostino, Provost and Chief Academic Officer, TTUHSC; and Dr. Marcy Brown Marsden, Provost, MSU; Mr. Byron Kennedy, Vice President for Advancement, TTU; and Mrs. Christina Martinez, Assistant Secretary to the Board of Regents, TTUS.

III. MEETING OF STANDING COMMITTEES.—Committee meetings took place sequentially beginning at 9:14 am on Thursday, November 14, 2024.

### III.A. AUDIT COMMITTEE

The Audit Committee, presided by Chair Arcilia Acosta and Vice Chair Pat Gordon and composed by all nine voting members of the Board of Regents, met in open session on November 14, 2024, at 9:14 am to consider and act on the items as listed below. Unless otherwise indicated, the actions set forth in the Minute Orders that follow were considered and approved by the Audit Committee in open session and without objection by the Board of Regents of the Texas Tech University System.

- III.A.2. TTUS: Report on audits.—The Board accepted a report on the System’s audit projects, included herewith as Attachment No. 2 (TTUS Office of Audit Services Prioritized Audit Plan, FY 2025).

### III.B. FACILITIES COMMITTEE

The Facilities Committee, presided by Committee Chair Dusty Womble and Vice Chair Arcilia Acosta and composed by all nine voting members of the Board of Regents, met in open session on November 14, 2024, at 9:35 am to consider and act on the items as listed below. Unless otherwise indicated, the actions set forth in the Minute Orders that follow were considered and approved by the Facilities Committee in open session and without objection by the Board of Regents of the Texas Tech University System.

- III.B.1. MSU: Approve expenditure of the Student Success and Military Education Center project for Design Professional Stage II design services.—The Board authorized the chancellor or the chancellor’s designee to (i) approve expenditures of \$287,348 for a total of \$387,073 for the Student Success and Military Education Center project with an anticipated project budget of up to \$4,000,000; (ii) amend the Design Professional (“DP”) Agreement; and (iii) authorize Stage II design services. The total expenditure of \$387,073 which includes the previously approved \$99,725 will be funded with grants and gifts.

The Board further authorized the president to negotiate and execute all agreements with city, state, and county agencies, utility companies and other entities required to successfully complete the project.

This approval grants authorization to amend the Design Professional (“DP”) Agreement for Stage II design services consisting of Design Development (“DD”), Construction Documents (“CD”), Construction Administration (“CA”) Phases, and to provide a Statement of Probable Cost.

The Daniel Building was renovated into the new Bridwell Activities Center and made available for student use in August 2022. At that time, the remodeled first floor included Greek chapter rooms, general meeting rooms, offices, and a café. However, funding was not available for renovation of any part of the second floor until now.

The total area available for renovation is 17,345 GSF with approximately 12,720 GSF to be utilized by the student success initiative and military partnership; the remaining 4,625 GSF will be for future expansion. The programming phase defined the specific needs of each group.

- 1) The Military Education Center will provide a reception/lobby area with student workspaces adjacent. Off the lobby will be located a lounge with a children's play area and there is also a separate waiting area adjacent to the offices. Offices will be provided for the Academic Counselors, Career Counselor, Financial Aid, Base Liaison, Director, Veterans Affairs, Military Adult Education Manager, Administrative Assistant, and two flex offices. The center also houses a breakroom and work room.
- 2) Access to The Student Success Center lobby will be through the Student Success Lounge. The center will provide cubicles for Success Coaches (10), offices for Academic Counselor, Mustang Adventure, and Consultation (4).
- 3) Also, the renovated space will provide restroom facilities, a common lounge area, IT closet, janitor space, and elevator lobby.

The MSU Approve expenditure of the Student Success and Military Education Center project for Design Professional Stage II design services PowerPoint is included herewith as Attachment No. 3

- III.B.2. TTU: Approve expenditure of the National Ranching Heritage Center's Red Steagall Institute project for Design Professional Stage II design services.—The Board authorized the chancellor or the chancellor's designee to (i) approve expenditures of \$1,548,857 for a total of \$2,063,075 for the National Ranching Heritage Center's Red Steagall Institute project, with an anticipated project budget of \$28,000,000; (ii) amend the Design Professional ("DP") Agreement; and (iii) authorize Stage II design services. The total expenditure of \$2,063,075 which includes the previously approved \$514,218 will be funded with gifts.



The Board further authorized the president to negotiate and execute all agreements with city, state, and county agencies, utility companies and other entities required to successfully complete the project.

This approval grants authorization to amend the Design Professional ("DP") Agreement for Stage II design services consisting of Design Development ("DD"), Construction Documents ("CD"), Construction Administration ("CA") Phases, and to provide a Statement of Probable Cost.

The Red Steagall Institute for Traditional Western Arts will honor excellence in Western writing and music, leather working, metal working, painting, and sculpture. The Institute's goal is to move these artisan forms forward into the future with the most professional, artistic, authentic, educational platforms.

The Red Steagall Institute is not a museum nor is it a hall of fame. It is a learning institute dedicated to the preservation of the arts of painting, sculpture, metalworking, leather working, and the compositions of music and poetry. The mission being the preservation of these art forms for future generations. The Red Steagall Institute will preserve, pass forward, and provide the public with rich stories told through traditional Western art. Masters-in-residence will demonstrate for the public and scholars the techniques of their trades including bit and spur making; leatherwork; painting and sculpting; song and poetry; and the written word-through full-time workshops and studio spaces. Students of traditional Western arts will learn from masters through specialized programming. A world-class facility will provide opportunities available nowhere else in the world.

Seminars held at the institute will serve as a platform from which aspiring young artists can present their works and search for entry and a 'leg up' on the ladder of success. These aspiring artists will be selected from applicants all over the country. It will also serve as a home laboratory for the students in the art department at Texas Tech University. So many times, talent is not recognized nor developed because the artist does not have an arena in which to perfect their talents. Over time, we will develop an in-depth research library for students and writers who will help us preserve our western lifestyle.

The Red Steagall Institute will become a repository for other artists and writers, as well. Most importantly, it will be a place to

pass on to future generations knowledge of the heritage, traditions, and values inspired by the ranching industry.

The TTU Approve expenditure of the National Ranching Heritage Center's Red Steagall Institute project for Design Professional Stage II design services PowerPoint is included herewith as Attachment No. 4.

- III.B.3. TTUHSC: Approve expenditure of the TTUHSC Lubbock – 5B West Research Lab Renovations project and accept the Construction Manager At Risk GMP for Bid Package I – Demolition and Early Equipment Package.—The Board authorized the chancellor or the chancellor's designee to (i) approve expenditures of \$743,142 for a total of \$1,954,670 for the TTUHSC Lubbock – 5B West Research Lab Renovations project, with an anticipated project budget of \$11,000,000; (ii) accept the Guaranteed Maximum Price ("GMP") for construction of Bid Package 1 – Demolition and Early Equipment Package; and (iii) amend the Construction Manager At Risk ("CMAR") Agreement for execution of Bid Package 1 – Demolition and Early Equipment Package. The total expenditure of \$1,954,670 which includes the previously approved \$1,211,528 will be funded through the Revenue Finance System ("RFS"), repaid with Capital Construction Assistance Projects ("CCAP") Legislative Appropriations.

The Board reasonably expects to incur debt obligations for the design, planning and construction of the project, and all or a portion of the debt proceeds are reasonably expected to be used to reimburse the System for project expenditures previously expended. The maximum principal amount of debt obligations to be issued for the Project is \$11,000,000.

The Board further authorized the president to negotiate and execute all agreements with city, state, and county agencies, utility companies and other entities required to successfully complete the project.

This approval grants authority to construct Bid Package 1 – Demolition and Early Equipment Package for the TTUHSC Lubbock – 5B West Research Lab Renovations project and incur additional expenditure of \$743,142. Total current expenditure of \$1,954,670 will be funded through the Revenue Finance System ("RFS"), repaid with Capital Construction Assistance Projects ("CCAP") Legislative Appropriations.

Bid Package 1 – Demolition and Early Equipment Package includes the selective demolition of existing structures, which entails the removal of all walls, ceilings, finishes, and overhead systems such as mechanical and electrical installations, along with specific plumbing components. The early equipment package scope of work encompasses the procurement of mechanical equipment that will serve the newly renovated area. This equipment is designated to be installed on the roof for exhaust purposes.

This project consists of renovating approximately 14,234 square feet of research space located in the west half of Pod B on the fifth floor of the TTUHSC building. Research labs and support spaces will be renovated into modern, innovative BSL2/BSL2+ labs. All existing furniture, finishes, and built-in equipment (“FFE”) will be removed, the floor plan reconfigured, and new FFE installed. All mechanical, electrical, and plumbing systems within the area of renovation will be updated and/or reconfigured. The renovations will provide flexibility to accommodate different room configurations in order to meet the various needs of the academic and research programs.

The TTUHSC Approve expenditures of the TTUHSC Lubbock – 5B West Research Lab Renovations project and accept the Construction Manager At Risk GMP for Bid Package I – Demolition and Early Equipment Package PowerPoint is included herewith as Attachment No. 5.

- III.B.4. TTUHSC El Paso: Approve expenditure of the Clinical Sciences Building project for a Construction Manager Agent.—The Board authorized the chancellor or the chancellor’s designee to (i) approve expenditures of \$1,722,378 for a total of \$10,311,514 for the Clinical Sciences Building project, with an anticipated project budget of \$185,820,404; and (ii) award a Construction Manager Agent (“CMA”) Agreement. The total expenditure of \$10,311,514 which includes the previously approved \$8,589,136 will be funded through the Revenue Finance System (“RFS”) repaid with Capital Construction Assistance Projects (“CCAP”) Legislative Appropriation (\$59,897,111), gift funds, and institutional funds.

The Board reasonably expects to incur debt obligations for the design, planning and construction of the project, and all or a portion of the debt proceeds are reasonably expected to be used to reimburse the System for project expenditures previously expended. The maximum principal amount of debt obligations for the Project is \$185,820,404.

The Board further authorized the president to negotiate and execute all agreements with city, state, and county agencies, utility companies and other entities required to successfully complete the project.

This approval grants authority to award a Construction Manager Agent (“CMA”) Agreement and authorize project management assist services for the Clinical Sciences Building project. The CMA will provide comprehensive on-site Construction Administration Phase services throughout the course of construction.

The proposed project will construct an approximate 234,000 GSF, three to four story building. The planning and construction will coincide with the planning and construction of the new Comprehensive Cancer Center located on the same property.

The new facility will house all existing clinical practices in the current facility inclusive of the Breast Care Center, Internal Medicine, Neurology, Obstetrics/Gynecology, Ophthalmology, Orthopedic Surgery and Rehabilitation, Pediatrics, and Surgery, with sub-specialty emphasis on Cardiothoracic, Urology, ENT, and Endocrinology. A non-oncology Infusion center has been requested. The project will consist of the following components supporting these clinics:

1. Exam and procedure rooms supporting TTUHSC El Paso School of Medicine clinical practices.
2. Support areas for clinical operations (nurse stations, triage/vitals, laboratory support, medicine storage, clinical supply rooms, waiting areas, and other support spaces).
3. Administration, clinical providers, clinical support offices and touchdown spaces.
4. Resident touchdown spaces and classroom areas.
5. Building support rooms (IT, mechanical, electrical, receiving, etc.).
6. Other ancillary spaces (restrooms, break areas, student study areas, etc.).
7. Parking

The TTUHSC El Paso Approve expenditure of the Clinical Sciences Building project for a Construction Manager Agent PowerPoint is included herewith as Attachment No. 6.

- III.B.5. TTUHSC El Paso: Approve expenditure of the Comprehensive Cancer Center project for a Construction Manager Agent.—The Board authorized the chancellor or the chancellor’s designee to (i) approve expenditures of \$1,129,242 for a total of \$8,386,270 for the Comprehensive Cancer Center project, with an anticipated project budget of \$122,152,715; and (ii) award a Construction Manager Agent (“CMA”) Agreement. The total expenditures of \$8,386,270 which includes the previously approved \$7,257,028 will be funded through the Revenue Finance System (“RFS”) repaid with a Legislative Appropriation from the 88<sup>th</sup> Texas Legislative Regular Session (\$65,000,000 of general revenue), gift funds, and institutional funds.

The Board reasonably expects to incur debt obligations for the design, planning and construction of the project, and all or a portion of the debt proceeds are reasonably expected to be used to reimburse the System for project expenditures previously expended. The maximum principal amount of debt obligations to be issued for the Project is \$57,152,715.

The Board further authorized the president to negotiate and execute all agreements with city, state, and county agencies, utility companies and other entities required to successfully complete the project.

This approval grants authority to award a Construction Manager Agent (“CMA”) Agreement and authorize project management assist services for Comprehensive Cancer Center project. The CMA will provide comprehensive on-site Construction Administration Phase services throughout the course of construction.

The project will construct an approximate 122,000 GSF multi-story facility to provide cancer screenings, improve treatments, and bring hope and comfort to El Paso and the surrounding communities. State-of-the-art diagnostic equipment support will be brought to building-wide operations, and an infusion clinic, radiation, and medical oncology clinics, as well as all supporting elements, will be facilitated. This will ensure a comprehensive and patient-centered approach to cancer care.

The proposed new facility will include:

- 1) An imaging center containing approximately 49,000 GSF. The new TTUHSC El Paso Clinical Sciences Building will share this imaging center, which will be constructed simultaneously with this facility.

- i) The imaging center will contain approximately 31,000 GSF of imaging space, which will include various machines and diagnostic equipment, including Spect, Echo, Theranostics, CTs, X-rays, PETs, MRIs, Mammogram equipment, Radiology/Fluoroscopy equipment, Ultrasound equipment, and a host of other treatment and diagnostic equipment.
  - ii) Approximately 18,000 GSF of the imaging center will be dedicated to clinical support space, which includes the common areas, clinical support, and spaces such as waiting rooms, nurse's stations, vital collection areas, doctor collaboration areas, and resident touchdown areas.
- 2) An Oncology Center with approximately 73,000 GSF that includes:
  - i) A Medical Oncology Clinic providing approximately 13,600 GSF will house patient exam rooms, patient consultation rooms, patient procedure rooms, and support areas for clinical operations.
  - ii) A Radiation Oncology Clinic with approximately 12,000 GSF includes patient exam rooms, dressing rooms, support areas, two linear accelerators, HDR, and a computer tomograph simulator.
  - iii) An Infusion Clinic with approximately 11,700 GSF will include 25 infusion positions (including five shells), private patient rooms, consultation rooms, and support space for clinical operations.
  - iv) The remaining 35,700 SF will include - Research/Clinical Trial space; Infusion Pharmacy; Resident touchdown space; Clinical support and non-assignable square footage for the administration; and common areas and building support spaces.

The TTUHSC El Paso Approve expenditure of the Comprehensive Cancer Center project for a Construction Manager Agent PowerPoint is included herewith as Attachment No. 7.

- III.B.6. TTUS: Report on Facilities Planning and Construction projects.—  
The Board accepted a report on Facilities Planning and Construction managed projects included herewith as Attachment No. 8 (TTUS Report on Facilities Planning and Construction projects (project data as of 10/29/2024) PowerPoint) and Attachment No. 9 (TTUS Facilities Planning and Construction Capital Projects Budget Analysis FY 2018-2023 Report (Revised 10-7-24)).

- III.B.7. TTU: Report on the Texas Tech University Campus Strategic Alignment.—The Board accepted a report on the progress of the Texas Tech University Campus Strategic Alignment included herewith as Attachment No. 10 (TTU Strategic Alignment, Draft Direction [DumontJanks] Report).

### III.C. FINANCE AND INVESTMENTS COMMITTEE

The Finance and Investments Committee, presided by Committee Chair Cody Campbell and Vice Chair Pat Gordon and composed by all nine voting members of the Board of Regents, met in open session on November 14, 2024, at 11:02 am to consider and act on the items as listed below. Unless otherwise indicated, the actions set forth in the Minute Orders that follow were considered and approved by the Finance and Investments Committee in open session and without objection by the Board of Regents of the Texas Tech University System.

- III.C.1. TTUS: Approve tuition and fee updates.—This item was pulled from consideration.
- III.C.2. TTUS: Approve amendments to *Regents' Rules*, Chapter 09 and Comprehensive Cash Pool Investment Policy Statement.—The Board approved amendments to *Regents' Rules*, Chapter 09, (“Investments and Endowments”) and the Comprehensive Cash Pool Investment Policy Statement.

The proposed amendments would:

- (1) Update naming convention in both the investment policy statement and *Regents' Rules* Chapter 09 from Comprehensive Cash Pool, to Comprehensive Cash and Investment Pool (CCIP).
- (2) Updated Roles and Responsibilities section of CCIP policy statement to include the Chief Investment Officer (CIO) role with primary responsibilities for implementing and administering the Noncurrent Segment of the CCIP.
- (3) Updated segment allocation targets, between cash, contingency, and non-current segments in the CCIP policy statement.
- (4) Updated asset allocation from a 60/40 approach to a 70/30 split, growth/stable value, for Noncurrent Segment.
- (5) Updated benchmarks in the CCIP policy statement.
- (6) Other minor title changes, edits, and grammatical corrections throughout.

SUMMARY OF THE PROPOSED CHANGES TO CHAPTER 09,  
REGENTS' RULES AND THE INVESTMENT POLICY  
STATEMENT FOR THE COMPREHENSIVE CASH AND  
INVESTMENT POOL:

After extensive review through the Pool Advisory Committee ("PAC"), the following updates are proposed to *Regents' Rules*, Chapter 09, and CCIP Investment Policy Statement:

**Chapter 09 – Investment and Endowments**

- Editing the name of the Comprehensive Cash Pool to the Comprehensive Cash and Investment Pool (CCIP)

**Investment Policy Statement – Comprehensive Cash and Investment Pool**

- Editing the name of the Comprehensive Cash Pool to the Comprehensive Cash and Investment Pool (CCIP)
- Moved the Investment Structure section from Section 4 to before Roles and Responsibilities, in Section 2
- Added language in 2.2 Contingency Segment, to define timeframe for managing assets as, weighted average duration between two and seven years and included language to define intent of segment to hold securities to maturity, with rare liquidations.
- Editing the name of the Finance, Administration, and Investments Committee to Finance and Investment Committee (FI Committee).
- In Section 3.2, added authority for VC/CFO to delegate investment and transaction responsibilities of the Noncurrent Segment to the CIO.
- Updated Section 3.3 to establish that the VC/CFO will lead the PAC and updated language to define PAC meeting requirements as no less frequent than quarterly.
- Moved requirements for day-to-day portfolio management activities from Treasurer, to CIO role, including additional detailed responsibilities for CIO role in Section 3.5.
- Extensive updates in Section 4, Investment Objectives, to break out and further define/update Cash and Contingency Segment objectives from Noncurrent segment objectives.
- Updated Guidelines for Investment, Section 5, including removing depository bank limits under, 5.1 Cash Segment, and updating guideline language in 5.3 Noncurrent Segment, to comply with approved asset allocation, as specified by the PAC.
- Added Section 6 to explicitly define CCIP Segment Allocation and Segment Ranges.



- Updated Section 7, asset class allocation, asset class target ranges, breaking out Cash and Contingency Segments from Noncurrent Segment.
- Table 2, under Section 7.3 defines updated asset allocation for Noncurrent Segment from a 60/40 to a 70/30 split, growth/stable value.
- Updated requirements for rebalancing in Section 8 to include specific review and approval requirements by VC/CFO, in consultation with PAC.
- Added due diligence review by Treasurer of any proposed broker/dealers prior to recommendation to VC/CFO, Section 11 Selection of Broker/Dealers.
- Updated language in Section 14 Spending Policy, to state that Noncurrent Segment distributions will be determined by the VC/CFO in consultation with the PAC. Additional language added in 14.3 to authorize spending withdrawals outside of regular distributions, as approved by VC/CFO for specific circumstances including rebalancing needs and/or unforeseen operational budgetary needs.

The TTUS Investment Policy Statement Comprehensive Cash and Investment Pool with proposed revisions is included herewith as Attachment No. 11.

- III.C.3. TTUS: Investment Performance Update.—The Board accepted an update on the performance of TTUS investments, included herewith as Attachment No. 12 (TTUS Consolidated Cash & Investment Pool (CCIP) Review PowerPoint).
- III.C.4. TTUS: Report on endowments.—The Board accepted an update on the TTUS Total Endowment, as of August 31, 2024, included herewith as Attachment No. 13 (TTUS Report on Endowments PowerPoint).

### III.D. ACADEMIC, CLINICAL AND STUDENT AFFAIRS COMMITTEE

The Academic, Clinical, and Student Affairs Committee, presided by Committee Chair Ginger Kerrick Davis and Vice Chair Shelley Sweatt and composed by all nine voting members of the Board of Regents, met in open session on November 14, 2024, at 11:47 am to consider and act on the items as listed below. Unless otherwise indicated, the actions set forth in the Minute Orders that follow were considered and approved by the Academic, Clinical, and Student Affairs Committee in open session and without objection by the Board of Regents of the Texas Tech University System.

- III.D.1. TTU: Approve appointments with tenure.—The Board approved the granting of tenure for the following faculty of Texas Tech University concurrently with their respective appointments.

Alexandre Rocateli, Ph.D., joined the Department of Plant and Soil Science in the Gordon W. Davis College of Agricultural Sciences and Natural Resources as an associate professor on September 1, 2024. Dr. Rocateli came to Texas Tech University from Oklahoma State University, where he received tenure in 2021. Dr. Rocateli received his Bachelor of Science in Agronomy from The University of Sao Paulo State in Brazil in 2005. He earned a Masters of Agronomy and Soils from Auburn University in 2010 and his Ph.D. in Plant and Soil Science at Texas Tech University in 2014.

Kenneth Williams, J.D., joined the Texas Tech University School of Law as the Fred Gray Endowed Chair for Civil Rights and Constitutional Law at the rank of professor on September 1, 2024. Dr. Williams came to Texas Tech University from the South Texas College of Law where he was tenured from 2010 - 2024. He also held tenured positions at Southwestern Law School in Los Angeles, California, Gonzaga University in Spokane, Washington, and Texas Southern University in Houston, Texas. He received his bachelor's degree in 1983 in Government from the University of San Francisco and his Doctor of Jurisprudence from the University of Virginia in 1986.

- III.D.2. TTU: Approve termed-naming of the Immigration Clinic within the School of Law.—The Board approved naming the newly established Immigration Law Clinic for a period of five (5) years, within the School of Law, the “Jim and Leah Finley Immigration Law Clinic,” in honor and recognition of a generous donation from Jim and Leah Finley.

Jim and Leah Finley (“Donors”) have pledged a generous donation of \$1 million (the “Gift”) to the Texas Tech Law School Foundation, for the benefit of Texas Tech University’s School of Law and the establishment of an Immigration Law Clinic, providing pro bono legal services to individuals in the West Texas community (the “Clinic”). The Gift will be used to support the operational activities of the Clinic, providing hands-on training and experience for law students participating in the Clinic and the hiring of a clinic director/faculty member to operate the Clinic and supervise students.

Donors' Gift, payable annually in equal installments of \$200,000 per year for five years, will provide the overwhelming majority of the annual operation costs for the Clinic for five (5) years (\$200,000 per year of the expected \$250,000 in annual operating expenses). In honor and recognition of Donors' generous Gift, the Clinic shall be named the "Jim and Leah Finley Immigration Law Clinic," for a period of five (5) years.

After the initial five (5) year period, Donors will be giving the first opportunity to renew their gift, continue their ongoing support of the Clinic and retain the philanthropic naming—subject to the approval of the Board of Regents.

- III.D.3. TTU: Approve Bachelor of Science degree in Economics and Math.—The Board approved the new degree program, Bachelor of Science ("B.S.") degree with a major in Economics and Mathematics and authorized submission by the Office of the Provost and Senior Vice President to the Texas Higher Education Coordinating Board seeking its certification of such a program and to the Southern Association of Colleges and Schools for acknowledgment of a new degree program.

The Bachelor of Science ("B.S.") in Economics and Mathematics degree will be offered face-to-face at the Lubbock campus with some hybrid/blended online course delivery options. The program will be housed in the Department of Economics in the College of Arts and Sciences.

The degree in Economics and Mathematics will equip students with a diverse skill set, combining advanced mathematical proficiency with economic analysis and interpretation abilities. This interdisciplinary approach will prepare graduates for a wide range of career opportunities across various industries such as economic consulting, financial analysis, data science, and more. The quantitative depth of this degree is particularly appealing to graduate studies in economic and finance program.

The enrollment projections in the table below are based on discussions with current economics and math students and advisors. Further, student demand for the degree is supported by the growth data previously presented.

	Year 1	Year 2	Year 3	Year 4	Year 5
Total New Students	20	40	45	50	55
Attrition*	2	4	5	5	6
Cumulative Headcount	20	58	99	144	184
FTSE (fall)	20	58	99	144	184
Graduates	0	0	0	10	21

\* Attrition applied at the beginning of the following year

The projected five-year costs and funding are given in the table below. Because all courses required for the degree program are already taught, no additional funds are required to develop the degree content. The five-year costs estimate shown in the table reflects supplies and materials costs for office expenses and supplies and promotional materials an additional advisor will be hired to support students in this program. The five-year funding shown reflects tuition and fees and state formula funding estimates in years three through five.

Five-Year Costs		Five-Year Funding	
Personnel (faculty, administration, and clerical/staff salaries)	\$48,000	New Funds	\$0
Facilities and Equipment	\$0	Reallocation of Existing Resources	\$0
Supplies and Materials	\$10,000	Anticipated New Formula Funding	\$700,083
Student Support (Scholarships)	\$	Special Item Funding	\$0
Other	\$0	Tuition and fees	\$5,874,238
<b>Total Costs</b>	<b>\$58,000</b>	<b>Total Funding</b>	<b>\$6,574,321</b>

- III.D.4. TTU: Approve conferral of an honorary degree.—The Board approved the conferral of an honorary Doctorate of Humane Letters degree upon Terry Crofoot.

Mr. Terry Crofoot's contributions to Texas Tech and West Texas are both profound and far-reaching. Although Mr. Crofoot graduated from Kanas State University in 1969, he chose to live and work on the South Plains. As Vice President of Crofoot Cattle Company, a fourth-generation family business, he oversees a diverse operation that includes quarter horse breeding, cattle ranching, guided hunts, and real estate.

Mr. Crofoot's impact extends far beyond his business success. He has donated millions to Texas Tech University with additional contributions to the Texas Tech University Health Sciences Center and Texas Tech University System. His philanthropy reflects a deep understanding of the importance of education and community health. Mr. Crofoot has worked with the Texas Tech administration to organize committee and funding to improve the equestrian center facilities. With the assistance of other committee members, he formed an executive committee in 2016 to regulate each subcommittee and served as committee chairman until August 2017.

Aside from Mr. Crofoot's philanthropic activities, he established the Crofoot Ranch Horse Team Scholarship Endowment in 2015, providing crucial support for Texas Tech's Ranch Horse Team, which has since won four consecutive national championships. Mr. Crofoot and his wife, Kelly, established the Crofoot Foundation, which is a private foundation located in Lubbock. It primarily funds assisted therapy programs and has made several grants including to Refuge Services. Inspired by his son's epilepsy diagnosis, Mr. Crofoot and his family funded epilepsy research and patient care through endowments at UT Southwestern and the Texas Tech University Health Sciences Center.

Mr. Crofoot's generosity encompasses various areas of Texas Tech, including the basketball practice facility, the School of Veterinary Medicine, and scholarships in multiple colleges. He is an active member of several university organizations, including the Texas Tech Spur Society, Texas Tech Foundation, and Chancellor's Council. His contributions have been recognized with awards such as the Animal & Food Science Hall of Fame Award and the Outstanding Agriculturalist Award.

Mr. Crofoot's commitment to family, education, health, and community service exemplifies the values we hold dear at Texas Tech University.

[NOTE: Mr. Crofoot was conferred this honorary degree during the December 14, 2024, Texas Tech University commencement ceremony.]

- III.D.5. TTUHSC: Report on pathway to National Cancer Institute designation.—The Board accepted a report on the pathway to the National Cancer Institute (“NCI”) designation, included herewith as Attachment No. 14 (The TTUHSC Comprehensive Cancer Center: Achieving National Cancer Institute Designation PowerPoint).
- III.D.6. TTUHSC: Recognition of The Kenneth H. Cooper Institute at Texas Tech University Health Sciences Center.—The Board accepted the recognition of Dr. Kenneth H. Cooper and an update of the Kenneth H. Cooper Institute at Texas Tech University Health Sciences Center, included herewith as Attachment No. 15 (TTUHSC Recognition of the Kenneth H. Cooper Institute PowerPoint).

On October 1, 2024, The Cooper Institute joined the Texas Tech University System as The Kenneth H. Cooper Institute at Texas Tech University Health Sciences Center (the “Institute”). This partnership marks a significant milestone for Texas Tech University Health Sciences Center (“TTUHSC”) and creates incredible opportunities to enhance research and impact public health.

The Cooper Institute focuses on research and education to promote preventative medicine across all stages of life. Prior to joining TTUHSC, The Cooper Institute was the nonprofit partner of Cooper Aerobics and worked closely with The Cooper Clinic—with whom TTUHSC will maintain an ongoing relationship.

The Institute will bring key health and fitness projects to TTUHSC, including the renowned Cooper Center Longitudinal Study, which links cardiorespiratory fitness to a number of factors, including heart disease, dementia, and health costs, etc. Additionally, the Institute strongly emphasizes creating health leaders for tomorrow through its youth initiatives such as the NFL Play 60 FitnessGram Project and Fitness Gram.

Additionally, The Cooper Institute will provide upwards of \$22 million in philanthropic funding—through existing and new gifts—to the Texas Tech Foundation, Inc. for the direct benefit and continued operation of the Institute and its activities.

The Institute will continue to engage in operations that honor the legacy of Dr. Kenneth H. Cooper, founder of The Cooper Institute, Cooper Aerobics and The Cooper Clinic.

Kenneth H. Cooper, M.D., MPH, founded The Cooper Institute in 1970. Known as the father of aerobics, Dr. Cooper's leadership and vision helped ignite the global fitness movements. He also played a pivotal role in reintroducing mandatory physical education in Texas public schools through Senate Bill 530 in 2007.

As part of the transition and operation of the Institute at TTUHSC, Laura DeFina, M.D., will service as the Executive Director of the Institute. Dr. DeFina brings a wealth of experience and expertise to TTUHSC, having served since 2014 as President and CEO of The Cooper Institute and previously as its Medical Director and Chief Science Officer. Under Dr. DeFina's leadership, The Cooper Institute has been at the forefront of public health.

Dr. DeFina and twelve (12) institute members will join faculty and staff at TTUHSC and be located at TTUHSC Dallas, reporting to the Office of the Provost. Several team members will have faculty appointments in the TTUHSC Julia Jones Matthews School of Population and Public Health.

Establishment of the Institute and approval of the naming was approved at the August 8, 2024, meeting of the Board of Regents, to be announced at a later date.

The last committee meeting adjourned at 12:38 pm.

Thursday, November 14, 2024.—The members of the Board of Regents of the Texas Tech University System reconvened upon adjournment of the Academic, Clinical, and Student Affairs Committee meeting at 12:38 pm on Thursday, November 14, 2024, in the Regents Conference Room (104A), First Floor, System Administration Building, 1508 Knoxville Avenue, Lubbock, Texas, with the following in attendance:

## ATTENDANCE.—

Regents present in person were Arcilia Acosta; Cody Campbell; Clay Cash; Tim Culp; Ginger Kerrick Davis, Vice Chairwoman; Pat Gordon; Mark Griffin, Chairman; Shelley Sweatt; Dusty Womble; and Jad Zeitouni, Student Regent.

The following officers and staff were present for all or a portion of the meeting: Dr. Tedd Mitchell, Chancellor, TTUS; Dr. Lawrence Schovanec, President, TTU; Dr. Richard Lange, President, TTUHSC El Paso; Dr. Lori Rice-Spearman, President, TTUHSC; Mr. Ronnie Hawkins, Jr., President, ASU; Dr. Stacia Haynie, President, MSU; Mr. Eric Bentley, Vice Chancellor and General Counsel, TTUS; Mr. Keino McWhinney, Secretary of the Board and Special Advisor to the Chancellor, TTUS; Mr. James Mauldin, Chief Financial Officer, TTUS; Mr. Billy Breedlove, Vice Chancellor for Facilities, Planning and Construction, TTUS; Mrs. Kim Turner, Chief Audit Executive, Office of Audit Services, TTUS; Mr. Patrick Kramer, Vice Chancellor for Institutional Advancement, TTUS; Ms. Martha Brown, Vice Chancellor for State Relations, TTUS; Mr. Steve Sosland, Vice Chancellor, Leader and Culture Development, TTUS; Mr. Dailey Fuller, Chief of Staff, Chancellor's Office, TTUS; Mrs. Christy Haynes, Deputy Chief of Staff, TTUS; Mrs. Noel Sloan, Senior Vice President for Administration and Finance and Chief Financial Officer, TTU; Mrs. Penny Harkey, Vice President and Chief Financial Officer, TTUHSC; Ms. Angie Wright, Vice President for Finance and Administration, ASU; Ms. Jessica Fisher, Vice President for Finance and Administration and Chief Financial Officer, TTUHSC El Paso; Mr. Tim Barrett, Chief Investment Officer, Office of Investments, TTUS; Dr. Ronald Hendrick, Provost, TTU; Dr. Darrin D'Agostino, Provost and Chief Academic Officer, TTUHSC; and Dr. Marcy Brown Marsden, Provost, MSU; Mr. Byron Kennedy, Vice President for Advancement, TTU; and Mrs. Christina Martinez, Assistant Secretary to the Board of Regents, TTUS.

- IV. MEETING OF THE BOARD—CALL TO ORDER; RECONVENE INTO OPEN SESSION OF THE BOARD.—At 12:38 pm, Chairman Griffin announced a quorum present and called the meeting to order.
- V. EXECUTIVE SESSION.—At 12:38 am, the Board recessed and convened into Executive Session as authorized by Sections 551.071, 551.072, 551.073, 551.074, and 551.076 of the Texas Government Code in the Regents Conference Room (104A), First Floor, System Administration Building, 1508 Knoxville Avenue, Lubbock, Texas.
- VI. OPEN SESSION.— At 4:53 pm, the Board reconvened in open session in the Regents Conference Room (104A), First Floor, System Administration Building, 1508 Knoxville Avenue, Lubbock, Texas, to consider items as a Committee of the Whole and Meeting of the Board.
  - VI.A. REPORT OF EXECUTIVE SESSION.—Chairman Griffin called on Vice Chairwoman Kerrick Davis to present motions regarding items discussed in Executive Session.



Vice Chairwoman Kerrick Davis announced there were four motions resulting from Executive Session.

- VI.A.1. Vice Chairwoman Kerrick Davis moved that the Board authorize the gift related naming of an academic unit at Texas Tech University in accordance with the terms and conditions set forth in Executive Session ... and delegate to President Schovanec the authority to announce the naming at the appropriate time. The motion was seconded by Regent Acosta and unanimously approved by the Board.
- VI.A.2. Vice Chairwoman Kerrick Davis moved that the Board authorize President Rice-Spearman, or her designee, to conclude the negotiations and execute the necessary documents for the purchase of real property located in Lubbock, Texas ... all under the terms and conditions discussed in Executive Session. The motion was seconded by Regent Culp and unanimously approved by the Board.
- VI.A.3. Vice Chairwoman Kerrick Davis moved that the Board authorize President Lange, or his designee, to conclude the negotiations and execute the necessary documents for acquisition of real property in El Paso as identified in Executive Session ... all under the terms and conditions set forth in Executive Session. The motion was seconded by Regent Cash and unanimously approved by the Board.
- VI.A.4. Vice Chairwoman Kerrick Davis moved that the Board authorize President Haynie, or her designee, to conclude the negotiations and execute the necessary documents for the sale of real property owned by MSU in Wichita Falls, Texas ... all under the terms and conditions set forth in Executive Session. The motion was seconded by Regent Cash and unanimously approved by the Board.

No action was taken on any other matters that were posted for discussion in Executive Session, which included:

Consultation with Attorney Regarding Legal Matters or Pending and/or Contemplated Litigation or Settlement Offers (Tex. Govt. Code § 551.071) including: Pre-litigation and litigation update; Other pending legal matters, potential legal claims updates, settlement offer updates, and discussion and advice from general counsel on pending legal issues.

Deliberation Regarding Prospective Gifts or Donations (Tex. Govt. Code § 551.073) including: Discussion regarding a potential gift related naming for a program within a TTU college.

Deliberation Regarding Individual Personnel Matters Relating to the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline, or Dismissal of Officers or Employees of the TTU System and its Component Institutions. (Tex. Govt. Code § 551.074) including: Discussion of Chancellor duties, assignments, and expectations; and Discussion of other personnel matters including the duties, performance and evaluation of Texas Tech University System or component institution officers and employees.

Deliberation Regarding Security Devices or Security Audits. (Section 551.076).

(\*In connection with this item, to the extent that any agenda notation or supplemental written materials, which might otherwise be covered by Tex. Govt. Code §551.1281(b)(1), have been excluded from an internet web posting, such exclusion has been authorized by a certification pursuant to Tex. Govt. Code §551.1281(c).)

VII. RECESS—The Meeting of the Board was recessed at 4:55 pm.

Friday, November 15, 2024.—The members of the Board of Regents of the Texas Tech University System reconvened 8:30 am on Friday, November 15, 2024, in the Regents Conference Room (104A), First Floor, System Administration Building, 1508 Knoxville Avenue, Lubbock, Texas, with the following in attendance:

ATTENDANCE.—

Regents present in person were Arcilia Acosta; Cody Campbell; Clay C. Cash; Tim Culp; Ginger Kerrick Davis, Vice Chairwoman; Pat Gordon; Mark Griffin, Chairman; Shelley Sweatt; Dusty Womble; and Jad Zeitouni, Student Regent.

The following officers and staff were present for all or a portion of the meeting: Dr. Tedd Mitchell, Chancellor, TTUS; Dr. Lawrence Schovanec, President, TTU; Dr. Richard Lange, President, TTUHSC El Paso; Dr. Lori Rice-Spearman, President, TTUHSC; Mr. Ronnie Hawkins, Jr., President, ASU; Dr. Stacia Haynie, President, MSU; Mr. Eric Bentley, Vice Chancellor and General Counsel, TTUS; Mr. Keino McWhinney, Secretary of the Board and Special Advisor to the Chancellor, TTUS; Mr. James Mauldin, CFO, TTUS; Mr. Billy Breedlove, Vice Chancellor for Facilities, Planning and Construction, TTUS; Mrs. Kim Turner, Chief Audit Executive, Office of Audit Services, TTUS; Mr. Patrick Kramer, Vice Chancellor for Institutional Advancement, TTUS; Mrs. Kristina Butts, Vice Chancellor for Federal Relations, TTUS; Mr. Dailey Fuller, Chief of Staff, Chancellor's Office, TTUS; Mrs. Penny Harkey, Vice President and Chief Financial Officer, TTUHSC; Mrs. Noel Sloan, Senior Vice President for Administration and

Finance and Chief Financial Officer, TTU; Ms. Angie Wright, Vice President for Finance and Administration, ASU; Ms. Jessica Fisher, Vice President for Finance and Administration and Chief Financial Officer, TTUHSC El Paso; Dr. Ronald Hendrick, Provost, TTU; Dr. Darrin D'Agostino, Provost and Chief Academic Officer, TTUHSC; Dr. Marcy Brown Marsden, Provost, MSU; Mrs. Christy Haynes, Deputy Chief of Staff, Chancellor's Office, TTUS; Mr. Kam Wiese, President, SGA, ASU; Mr. Vincent Peter, President, SGA, MSU; Ms. Abigail Vega, President, SGA, TTU; and Ms. Jesse Burnett, President, SGA, TTUHSC.

- VIII. MEETING OF THE BOARD—CALL TO ORDER; RECONVENE INTO OPEN SESSION OF THE BOARD.—At 8:30 am, Chairman Griffin announced a quorum present and called the meeting to order.

VIII.A. INTRODUCTIONS AND RECOGNITIONS.—Chairman Griffin called on Dr. Mitchell, Mr. Hawkins, Dr. Haynie, Dr. Schovanec, Dr. Lange and Dr. Rice-Spearman to present their introductions and recognitions.

Chancellor Mitchell recognized Martha Brown.

President Hawkins had no introductions or recognitions.

President Haynie recognized Dr. Betty Bowles and Dr. George Diekhoff.

President Schovanec introduced Dr. Lin Zhou and Coach Gerry Blasco and recognized Mr. Keith Halman.

President Rice-Spearman recognized Dr. Dawndra Sechrist, Dr. Laura DeFina, and Speaker Tom Craddick.

President Lange had no introductions or recognitions.

[NOTE: All introductions and recognitions for the November 15, 2024, Board of Regents meeting can be viewed in its entirety at the Board of Regents webpage under video archives.]

- IX. RECESS—The Meeting of the Board was not recessed.
- X. MEETING OF STANDING COMMITTEES.—No standing committees were reconvened on Friday, November 15, 2024.
- XI. MEETING OF THE BOARD—CALL TO ORDER; RECONVENE INTO OPEN SESSION OF THE BOARD.—The Board continued in Open Session.
- XII. OPEN SESSION.—At 8:51 am, on Friday, November 15, 2024, the Board continued meeting in open session in the Regents Conference Room (104A), First Floor, System Administration Building, 1508 Knoxville Avenue, Lubbock, Texas, to consider items as a Committee of the Whole and Meeting of the Board.

XII.A. APPROVAL OF MINUTES.—Chairman Griffin asked for approval of the minutes of the board meeting held on August 8-9, 2024. Regent Culp moved for their approval. Regent Cash seconded the motion, and the motion passed unanimously.

XII.B. COMMITTEE OF THE WHOLE.—Chairman Griffin announced that for the purpose of facilitating action on the items to be considered, Vice Chairwoman Kerrick Davis would preside over the Committee of the Whole.

XII.B.1. ASU, MSU, TTU, TTUHSC, TTUHSC El Paso, TTUSA, and TTUS: Approve Consent Agenda; acknowledge review of Information Agenda.—The Board approved the Consent Agenda and acknowledgment of its review of the Information Agenda. The following are the Minute Orders approved by this motion.

XII.B.1.a. ASU: Approve and acknowledge actions relating to low-producing degree programs.—The Board acknowledged the retention of an undergraduate degree program which was deemed to be "low-producing" by the Texas Higher Education Coordinating Board ("THECB"). The proposed response to the THECB recommendations is to retain the BS in Food Animal Science and Marketing, with rationale provided. This request was approved administratively by the president and the chancellor.

**BS in Food Animal Science and Marketing**

The BS in Food Animal Science and Marketing is a small degree pathway for students going into the food production industry with no staffing or instructional costs related strictly to the degree. Closure of this degree offering would not result in any cost savings as the courses are required or options in other majors in Agriculture. Students graduating from the program are highly employable and sought in graduate programs as well.

XII.B.1.b. ASU: Approve revisions to Operating Policy OP 06.23, Tenure and Promotion Standards and Procedures.—The Board approved revisions to OP 06.23, Tenure and Promotion Standards and Procedures, effective fall 2024. The request was approved administratively by the president and chancellor.

For clarity of content and consistency with other Operating Policies, the revisions to ASU OP 06.23 include: Policy/Procedure, Section 7, Guidelines for the Construction of Tenure and Promotion Portfolios. The previous version was based on paper copies placed in binders and passed from one committee to the next. The revised version allows for digital submission and transmission of documents in a secure, password, and multifactor authentication location on the ASU network. The items required to be submitted have not been changed.

The ASU OP 06.23, Tenure and Promotion Standards and Procedures with proposed revisions is included herewith as Attachment No. 16 (ASU OP 06.23 Tenure and Promotions Standards and Procedures with proposed revisions).

XII.B.1.c. MSU: Approve emeritus appointments.—The Board granted emeritus status to the individuals listed below. This request was approved administratively by the president and the chancellor.

**Dr. Betty Bowles** retired from MSU on May 31, 2024, as Professor of Nursing, Wilson School of Nursing, in the Robert D. and Carol Gunn College of Health Sciences and Human Services. Dr. Bowles began her career at MSU in 1968 as an instructor of nursing, ultimately serving as MSU faculty for 47 years. Dr. Bowles earned a B.S.N. in Nursing from Incarnate Word College, the M.S. in Maternal/Child Health Nursing from Texas Woman's University, and the Ph.D. in Health Studies from Texas Woman's University. In addition to her service at MSU, Dr. Bowles played key roles in education at United Regional Health Care System and Wichita General Hospital as the Director of Maternal/Child Health and Director of Education. Her work in healthcare emphasized maternal/child health, including service as a Lamaze-prepared childbirth instructor, Labor & Delivery staff nurse, lactation consultant, and Breastfeeding Educator Course instructor. Her scholarly work explored these topics to ensure the health of mothers and their children and ranged from publications on interventions during childbirth, the childbirth educator's role in teaching, and low-tech teaching strategies for childbirth education in

rural Haiti. Her work in Haiti was done as part of a medical mission to Mizak, Haiti, during the 2011/2012 earthquake and cholera epidemic. Dr. Bowles has been widely recognized at MSU and beyond. She is a Fellow of the American Academy of Childbirth Educators, was named to the North Texas Women's Hall of Fame, and received the National Excellence in Lactation Leadership Award. In 2015, Dr. Bowles was named Hardin Professor, the highest award to a faculty member at MSU.

**Dr. George Diekhoff** will retire from MSU on May 31, 2025, as Professor of Psychology in the Prothro-Yeager College of Humanities and Social Sciences. At his retirement, Dr. Diekhoff will have served 48 years at MSU. He earned a B.A. in Psychology from Nebraska Wesleyan University, and the M.A. and Ph.D. in Experimental Psychology from Texas Christian University. Dr. Diekhoff led the MSU Psychology Department for 30 years, serving as the program coordinator, department chair, and graduate program coordinator. He exemplifies scholarly research productivity, publishing more than 80 journal articles and textbooks, presenting more than 50 papers at professional conferences, and chairing numerous student theses in the graduate program. His research emphasized work in cognitive maps, statistical applications in the social sciences, and studies of social control in college students. In 1992, Dr. Diekhoff was named MSU Hardin Professor, and in 2010 was named MSU Regents' Professor. While a member of the Wichita Falls community, he contributed greatly to local civic organizations as a research consultant and volunteer, helping advance the missions of organizations such as the Wichita Adult Literacy Council, Region IX Education Service Center, Grace Church, and science fair (regional, local, and school).

**Dr. Terry Patton** will retire from MSU on June 30, 2025, as the Robert Madera Distinguished Professor of Accounting in the Dillard College of Business Administration. At his retirement, Dr. Patton will have served 18 years at MSU. He earned a B.B.A. in Business Administration from Midwestern State University, the M.S. in Accounting with a specialty in Taxation from the University of North Texas, and the

Ph.D. in Business Administration with a concentration in governmental accounting from Texas Tech University. He is a Certified Public Accountant, Certified Government Financial Manager, and Chartered Global Management Accountant. Dr. Patton began his career as research manager for the Governmental Accounting Standards Board before coming to MSU to join the faculty in the Dillard College. While at MSU, he served as the chair of the Department of Accounting, Management Information Systems, and Legal Studies and was the dean of the Dillard College for five years. Dr. Patton is a national expert in government accounting and has published Governmental and Nonprofit Accounting: Theory and Practice and Introduction to Governmental and Not-For-Profit Accounting, and Accounting for Governmental and Nonprofit Organizations. Since 2019, he has served as a member of the Federal Accounting Standards Advisory Board, which serves the public interest by improving federal financial reporting through issuing federal financial accounting standards and providing guidance. In 2024, Dr. Patton was named Hardin Professor, the highest honor awarded to faculty at MSU. On June 1, 2017, he was recognized by a City of Wichita Falls proclamation of "Terry Patton Day," honoring his board service for United Regional Healthcare System (where he served as board chair), Wichita Falls Alliance for Arts and Culture (as board chair), Midwestern State University Credit Union, and the Better Business Bureau of North Central Texas.

**Dr. Jeffrey Stambaugh** will retire from MSU on August 31, 2025, as Associate Professor of Management in the Dillard College of Business Administration. At his retirement, Dr. Stambaugh will have served 17 years at MSU. He earned a B.S. in Aeronautical Engineering from the United States Air Force Academy, the M.S. in Human Resources Management from Golden Gate University, and Ph.D. in Management from Texas Tech University. Dr. Stambaugh served in the U.S. Air Force for 24 years, where he was a fighter pilot and later was appointed to the Pentagon in multiple staff assignments. After retiring at the rank of Colonel, he started work at MSU and entered a second career in higher education. With his experience in business, he has supported approximately 50 start-up or early-stage

companies, assisting them in developing a business plan and/or developing investor presentations. While at MSU, he was Director of the Munir Abdul Lalani Center for Entrepreneurship and Free Enterprise and Director of the Dillard Center of Energy Management. Since 2017, Dr. Stambaugh has served as the dean of the Dillard College of Business Administration. He has published 20 articles on management education, public family enterprises, and entrepreneurial alertness.

- XII.B.1.d. MSU: Approve faculty development leave of absence.—The Board approved the leave of absence as listed below. This request was approved administratively by the president and the chancellor.

Faculty development leave with full salary for John Ashbrook, Professor of History in the Department of History in the Prothro-Yeager College of Humanities and Social Sciences, from January 2025 through May 2025. The purpose of this leave is to accommodate a Fulbright Scholar award in Croatia, during which Dr. Ashbrook will teach at the University of Zagreb and complete research for the Croatian chapter of a book project that examines the expansion of the European Union into Eastern Europe and the Balkans.

- XII.B.1.e. TTU: Approve and acknowledge actions relating to low-producing degree programs.—The Board approved the closure one graduate degree program and the continuation of another. While both programs were deemed “low producing” by the Texas Higher Education Coordinating Board (“THECB”), the following is proposed:

- Retain the Master of Arts in Art History with specified actions to increase enrollment and graduation for this program.
- Closure of the Master of Science in Arid Land Studies with specified actions to properly phase out the program.

The following rationale is provided for continuing the programs and actions being taken to increase enrollment in these programs.



### **Master of Arts in Art History**

Texas Tech University and the J.T. & Margaret Talkington College of Visual & Performing Arts seek provisional continuation of the MA in Art History program. Through an internal analysis, it has been established that the financial cost of maintaining the program for one more year is minimal (one class per semester), and the School of Art has made a compelling rationale for the academic, artistic, enrollment, and research benefits on maintaining this program, including that Texas Tech offer the only MA in Art History program equidistant to and within driving distance to both Oklahoma and New Mexico. This provisional continuation would be contingent on the condition that the program would enroll six new students by July 1, 2025, and then maintain such accelerated enrollment, a minimum six new students, each year thereafter.

### **Master of Science in Arid Land Studies**

The Master's in Arid Land Studies is housed in the graduate school, and on the low producing list for three consecutive reviews. Enrollment has not increased. The program has created a three-year phase out process to graduate the students in the program. No additional students will be admitted into this program. The program will be officially closed January 1, 2028.

- XII.B.1.f. TTU: Approve exceptions to nepotism policy.—The Board approved the following exceptions to the nepotism policy in the following instance. This request was approved administratively by the president and the chancellor.

Dr. Narayan Venkataraman, a Postdoctoral Research Associate currently funded by the Edward E. Whitacre, Jr. College of Engineering, has a familiar relationship with Dr. Venky Shankar, a faculty member in the Department of Civil, Environmental, and Construction Engineering (CECE). CECE requests a waiver of nepotism because the postdoctoral research associate's faculty advisor (Venky Shankar) proposes to transfer Narayan Venkataraman's source of compensation to the Barnhardt Endowed Chair. Effective October 1, 2024, Narayan Venkataraman will report to Dr. Andrew Jackson, chairperson of CECE. Dr. Jackson, in consult

with Dr. Roland Faller, Dean of the Edward E. Whitacre, Jr. College of Engineering, will have sole authority to recommend retention of Narayan Venkataraman in his current role. Any changes to Narayan Venkataraman's appointment must be reviewed and approved by Dr. Andrew Jackson.

Sarah Schovanec, the daughter-in-law of Lawrence Schovanec, Texas Tech University ("TTU") President, has been selected as the final candidate for the position of Compliance Associate in the TTU System Office of Equal Opportunity and will begin work November 4, 2024. Sarah will report directly to Dawn Payne, Assistant Vice Chancellor, and Director of Equal Opportunity, who reports to James Mauldin, TTU System Vice Chancellor and CFO, who reports to the chancellor. Regents' Rules 03.01.11.b require approval of any persons related to any component institution's president, within the second degree by marriage. The System Office of Equal Opportunity requests a waiver of nepotism, in accordance with Section 03.01.11.b., *Regents' Rules*, for Sarah since she is within a second-degree relation by marriage to the TTU President. President Schovanec has no direct role in decisions related to Sarah's supervision or compensation. This arrangement will be evaluated periodically to ensure there is effective management of conflict of interest.

XII.B.1.g. ASU, MSU, TTU, TTU SVM, TTUHSC, TTUHSC El Paso, and TTUS: Acknowledge the Campus Condition Report.—The Board acknowledged the Campus Condition Report for Angelo State University ("ASU"); Midwestern State University ("MSU"); Texas Tech University ("TTU"); Texas Tech University School of Veterinary Medicine ("TTU SVM"); Texas Tech University Health Sciences Center ("TTUHSC"); Texas Tech University Health Sciences Center at El Paso ("TTUHSC El Paso"); and Texas Tech University System ("TTUS"). This request was approved administratively by the president and the chancellor.

The ASU Campus Condition Report, MSU Campus Condition Report, TTU Campus Condition Report, TTU SVM Campus Condition Report, TTUHSC Campus Condition Report, TTUHSC El Paso Campus Condition Report and the TTUS Campus Condition Report are

included herewith as Attachment No. 17, Attachment No. 18, Attachment No. 19, Attachment No. 20, Attachment No. 21, Attachment No. 22, and Attachment No. 23, respectively.

- XII.B.1.h. TTUHSC: Approve text, installation and location of plaque for Dr. Tedd L. Mitchell, former president of Texas Tech University Health Sciences Center.—The Board approved the installation, location, and the following text of a plaque recognizing the tenure of Tedd L. Mitchell, the eighth president of Texas Tech University Health Sciences Center (“TTUHSC”). This request was approved administratively by the president and the chancellor.

Tedd L. Mitchell, M.D.  
Eighth President  
Texas Tech University Health Sciences Center  
2010 – 2019

Tedd L. Mitchell, M.D., became the eighth president of Texas Tech University Health Sciences Center in May 2010 and served at the university’s helm for nearly a decade. As the longest-tenured president in TTUHSC’s history, Mitchell led the institution to monumental milestones and record growth in enrollment, academic excellence and physical campus expansion. In October 2018, Mitchell was named chancellor of the Texas Tech University System (“TTUS”) and held a dual appointment as chancellor and president of TTUHSC for approximately one year until deciding to close his presidential tenure in November 2019.

During his tenure as president, Mitchell and his leadership team led the university’s first comprehensive fundraising campaign, a \$100-million initiative. He also successfully implemented a values-based culture at the university and its six academic locations across the state. In 2013, Mitchell helped transform TTUHSC’s regional site in El Paso into a standalone university and the TTU System’s fourth institution – TTUHSC El Paso. He launched initiatives for interprofessional concentration around the university’s five schools – Biomedical Sciences, Health Professions, Medicine, Nursing and Pharmacy – and established programs in

Public Health that would eventually become the university's sixth school.

Prior to his time at TTUHSC, Mitchell served as president and CEO of the Cooper Clinic in Dallas, an internationally recognized center of excellence in preventive and sports medicine. Born in Columbia, Louisiana, and a native of Longview, Texas, Mitchell earned a Bachelor of Science at Stephen F. Austin State University in 1983. He is an Ashbel Smith Distinguished Alumnus of the University of Texas Medical Branch (UTMB), where he received his Doctor of Medicine in 1987. Following an elective rotation at the Cooper Clinic, Mitchell earned a certificate of added qualification in Sports Medicine. In 1991, he was appointed medical director at the Cooper Clinic, a role he held until being named president and CEO in 2006. From 1988 to 1996, Mitchell served as a captain in the U.S. Army Reserves (Medical Corps). He served on Texas Governor George W. Bush's State Board on Aging (1998 – 2002). From 2002 to 2008, he was appointed to President George W. Bush's President's Council on Physical Fitness and Sports. In 2007, he was named to the College Sports Medicine Board of Trustees. In 2012, he was honored as a distinguished alumnus of the Department of Internal Medicine at UTMB. He is a Fellow of the American College of Physicians and the American College of Sports Medicine.

The plaque will be installed in the University Center Building, first floor hallway, along with the plaques of other past presidents.

- XII.B.1.i. TTUS: Approve amendments to *Regents' Rules*, Chapter 08 (Facilities) regarding project assessment fees.—The Board approved amendments to Chapter 08 (Facilities), *Regents' Rules*, to revise the timing of the collection of construction project management fees by the Office of Facilities Planning and Construction ("FP&C Office").

Section 08.01.9, *Regents' Rules*; outlines the fee rate and timing of the project management fee received by the FP&C Office for all design and construction initiatives managed by the office. The proposal is that

Section 08.01.9.a(1), *Regents' Rules*; be amended to update the timing of when the relevant portion of the project management fee is applied concurrent with Board approval of the various budget stages of a project.

**Change to Chapter 08 (Facilities), amended to revise the timing of when the project management fee is collected by the FP&C Office:**

08.01.9 Project management fee. The FP&C Office shall receive a project management fee for all design and construction initiatives managed by the FP&C Office. This fee shall be used to support all FP&C operations.

a. Fees to be assessed by FP&C, as follows:

- (1) Project assessment. For any project, the fee shall be 2.4% of the ~~initial~~ project budget stage, as approved by the board. The fee assessed will be capitalized in the cost of the project, and the fee shall be assessed and collected based upon the following milestones:

	% of fee to
<u>Milestone</u>	<u>be collected</u>
Board approval.....	50%
Construction contract execution date...	30%
Substantial completion date.....	20%

Project Budget Stage	Milestone	% of fee to be collected
Stage one design	Board approval	100%
Stage two design	Board approval	100%
Construction manager pre-con fee	Board approval	100%
	Board approval	90%

Construction manager full funding (GMP)	Substantial completion date	10%
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XII.B.1.j. ASU, TTU, and TTUS: Approve purchasing contract(s) in excess of \$1,000,000.—The Board approved purchasing contracts in accordance with *Regents Rules* 07.12.3.a, including those contracts with a value exceeding \$5,000,000 in accordance with *Regents' Rules* 07.12.3.c as listed below. This request was approved administratively by the president and the chancellor.

**ASU, TTU, and TTUS: Approve Purchasing Contracts**

*Regents' Rules 07.12.3.a and 07.12.3.c*

Component	Vendor	Services or Goods to be Provided	Estimated Per Annum Expenditures	Estimated Term Expenditures (includes renewals)	Start	End	Procurement Method
ASU	(C2400510) Digital Resources	Installation of sound system	\$ 1,012,805	\$ 1,012,805	9/1/2024	8/31/2025	TIPS
TTU	(TBD) Summus Dell	Dell branded hardware, software, and related services	\$ 10,000,000	\$ 60,000,000	Execution	6 years after execution	DIR
TTU	(C19691) Sage Publications	Books/reference materials for TTU Library	\$ 1,500,000	\$ 6,000,000	1/1/2023	12/31/2029 (4 year extension from 12/31/2025)	Sole Source
TTU	(C18167) Elsevier	Books/reference materials for TTU Library	\$ 1,500,000	\$ 7,500,000	1/1/2021	12/31/2025 (1 year extension from 12/31/2024)	Sole Source
TTU	(Req#191938634) Bruker BioSpin Corporation	Purchase of equipment; Bruker spectrometer	\$ 2,200,000	\$ 2,200,000	9/1/2024	12/31/2024	Sole Source
TTU	(CTBD) One Sixty Over Ninety LLC	Creative Service Agency Services	\$ 1,750,000	\$ 14,000,000	Execution	Eight years after execution	RFP
TTU	(C22887) Mayfield Paper Company, Inc.	Custodial Supplies and Equipment	\$ 1,500,000	\$ 4,500,000	10/1/2024	9/30/2027	BuyBoard
TTUS	(C22810) Factory Mutual Insurance Company	Commerical Property Insurance Policy	\$ 4,000,000	\$ 4,000,000	9/1/2024	9/1/2025	Other

- XII.B.1.k. TTU and TTUHSC: Authorize president to enter negotiations and execute a contract with Atmos Energy Corporation for natural gas distribution transportation services.—The Board authorized the president of Texas Tech University (“TTU”), or his designee, to enter into negotiations and execute a contract with Atmos Energy Corporation for natural gas distribution transportation services. This request has been approved administratively by the president and the chancellor and is recommended for approval by the Board of Regents.

TTU and Texas Tech University Health Sciences Center (“TTUHSC”) jointly issued a Request for Proposal (“RFP”) on March 29, 2024, seeking competitive proposals from qualified and experienced Proposer(s) who can provide natural gas transportation services. At this time, other TTU System component institutions are not included but may opt to utilize the awarded contract.

The new contract is anticipated to be effective the date of last signature, and expire ten (10) years thereafter. The parties may negotiate and mutually agree on an alternate term.

The estimated annual value of the contract is \$1,500,000 and will fluctuate based on transportation usage.

- XII.B.1.l. TTU: Authorize president to enter negotiations and execute a new contract with 88 Investments Inc. for KCOS broadcast tower antenna site sublease.—The Board authorized the president, or his designee, to enter into negotiations and execute a new contract with 88 Investments Inc. for KCOS broadcast tower antenna site sublease. This request was approved administratively by the president and the chancellor.

The Board of Regents approved the Texas Tech Public Media merger with KCOS-TV, El Paso in the August 2019 meeting. The approval also included the acquisition of assets, licenses, agreements, and sublicenses of KCOS-TV, the PBS affiliate in El Paso. One of these agreements included an Antenna Site Sublease with 88 Investments, Inc.

The new contract will be effective the date of last signature and expire five (5) years thereafter. Unless terminated earlier pursuant to the Contract terms, the Contract would renew for up to one (1) five (5) year renewal term.

The estimated value of the initial five (5) year term of the contract is \$540,000. The five (5) year renewal term will be subject to CPI increases.

XII.B.1.m. TTUHSC El Paso: Approve commissioning of police officers.—The Board approved to commission the following individual(s) as a police officer, effective on the dates as indicated below. This request was approved administratively by the president and the chancellor.

Maximo E Dominguez effective October 1, 2023  
Louis C. Manning effective October 1, 2023  
Shaun L. Roberts effective October 1, 2023  
Stephen Schwartfeger effective October 1, 2023  
Robert A. Alvidrez effective July 1, 2024  
Martha Deanda effective August 1, 2024

XII.B.1.n. TTUS: Authorize chancellor to enter negotiations and execute a contract for treasury support services.—The Board authorized the chancellor, or his designee, to enter into negotiations and execute a contract with Huron Consulting Services LLC (“Huron”) for treasury reconciliation and advisory services.

Services and objectives of Huron under the proposed contract include providing staff resources experienced in Higher Education accounting, treasury, and debt management functions to support the System, Office of Treasury debt reconciliation efforts and identify enhancement opportunities to the system’s debt management processes.

The proposed contract is anticipated to be effective on the date of last signature with work to begin on or around November 18, 2024, and expires upon completion of services, currently estimating March 28, 2025.



Huron entered into an agreement with TTU for Compensation Consulting services, effective September 10, 2024, approved by the Board in May 2024. Due to a significant difference in scope of work between the two agreements it is recommended that the two agreements remain separate and obtain individual approval by the Board.

The estimated consulting fee is \$247,930 with a not to exceed cap of \$300,000. The system will also reimburse actual travel, lodging, and out-of-pocket expenses related to the services provided.

### Information Agenda

Information is provided as required by Section 01.02.7.d(4)(c), *Regents' Rules*

- (1) ASU, MSU, TTU, TTUHSC and TTUHSC El Paso: Summary of Revenues and Expenditures by Budget Category, FY 2024 (as of August 31, 2024), per Section 01.02.8.d(3)(g), *Regents' Rules* – All actual expenditures will be reviewed by the Finance and Investments Committee annually and provided as information. Financial reports for the most recently completed quarter for each of the component institutions are available at: <https://www.texastech.edu/offices/cfo/board-financial-reports.php>
- (2) TTUHSC: Contracts for ongoing and continuing health-related service relationships per Section 07.12.4.c, *Regents' Rules* – “The following are excepted from the requirements of Section 07.12.3.a and Section 07.12.3.b, *Regents' Rules*, “the board delegates to the presidents of health-related institutions the authority to approve the proposals and execute and sign contracts for health related services, as specified herein. This delegation is limited to contracts with entities for which the institution has an ongoing and continuing contractual relationship, to include: revenue contracts from which the institution receives payment for health related services; participation in health provider networks; resident or faculty support; and expense contracts with healthcare providers or suppliers necessary to fulfill the obligation to provide health related services as part of a revenue contract or new health related services contracts that involve a stated or implied consideration that total in excess of \$1,000,000 over the entire term of the contract but the per annum amount is less than \$1,000,000. Before such a contract may be executed, the president shall obtain the prior review of the TTU system Office of General Counsel and the TTU system vice chancellor and chief financial officer, or their designees. A list of health-related services contracts that have been executed under this

delegation of authority since the previous regular board meeting shall be provided to the board as an information item at the next regular board meeting."

TTUHSC					
<i>Regents' Rules, 07.12.4.c</i>					
Component	Vendor (Include Contract #)	Service or Goods to be Provided	Start Date	End Date	Extension/ Amendment
TTUHSC	University Medical Center - UMC Lubbock (AMEND3371958-007)	Funding Support Pediatrics	4/1/2022	6/30/2025	Amendment
TTUHSC	Discovery Medical Network Inc. (AMEND3500078-001)	Trauma Burn Services	4/1/2023	6/30/2025	Amendment
TTUHSC	University Medical Center – UMC (AMEND1592374-020)	Faculty Support	5/15/2016	6/30/2025	Amendment
TTUHSC	University Medical Center - UMC Lubbock (AMEND3041369-007)	Pediatric Surgery	7/1/2021	6/30/2025	Amendment
TTUHSC	Covenant Health System (CON3627586)	Resident Rotation	7/1/2024	6/30/2025	Extension
TTUHSC	BMA Montford (CON3149376)	Dialysis Services	9/1/2021	11/30/2026	Extension
TTUHSC	University Medical Center - UMC Lubbock (AMEND3041369-008)	Pediatric Surgery	7/1/2021	6/30/2025	Amendment
TTUHSC	Locumtenens com LLC (CON594709)	Anesthesia Services	11/17/2010	6/30/2025	Extension
TTUHSC	Consilium Staffing LLC (CON590970)	Medical Staffing Services	6/1/2013	8/31/2025	Extension
TTUHSC	Immediate Nurse Care Staffing Inc (CON2670715)	Nurse Staffing Services	7/1/2020	8/31/2025	Extension
TTUHSC	Covenant Health System (CON3624816)	Physician Services Agreement	7/1/2024	6/30/2025	Extension
TTUHSC	University Medical Center – UMC Lubbock (AMEND3371958-007)	Services and Funding Support	4/1/2022	6/30/2025	Amendment
TTUHSC	University Medical Center – UMC Lubbock	Services and Funding Support	4/1/2022	6/30/2025	Extension

	(AMEND3371958-006)				
<b>TTUHSC</b>	University Medical Center – UMC Lubbock (AMEND2117893-010)	Funding Physician and Fellow	5/1/2018	6/30/2025	Amendment

- (3) MSU, TTU, TTUHSC, and TTUHSC El Paso: Contracts that involve a stated or implied consideration that total in excess of \$1,000,000 over the entire term of the contract but the per annum amount is less than \$1,000,000 per section 07.12.4 of the *Regents' Rules* – The following are excepted from the requirements of Section 07.12.3.a and 07.12.3 b, *Regents' Rules*, “the chancellor or president, or the chancellor or presidents designee, as appropriate, is delegated the authority to approve: (i) contracts that involve a stated or implied consideration that total in excess of \$1,000,000 over the entire term of the contract but the per annum amount is less than \$1,000,000; and (ii) any amendment, extension, or renewal of a contract originally approved by the chancellor or president, as appropriate, so long as the amendment, extension, or renewal does not cause the per annum amount of the contract to exceed \$1,000,000. This requirement is applicable to both cash and non-cash considerations. Information about such contracts or contract amendments, extensions, or renewals that are approved by the chancellor or a president under this delegation of authority shall be provided to the board as an information item at the next regular board meeting.”

MSU: Approved Purchasing Contracts						
<i>Regents Rules, 07.12.4</i>						
Component	Vendor (Include Contract #)	Service or Goods to be Provided	Start Date	End Date	New or Extension	Procurement Method
<b>MSU</b>	Boldyn Networks Higher Ed LLC (formerly Apogee Telecom, Inc)  (C24310)	Wireless Internet and Cable Television for Resident Students in Housing Facilities.	8/1/2024	8/31/2029	Amendment #5	Solicitation (RFP 735-13-8104)

TTU: Approved Purchasing Contracts						
<i>Regents Rules, 07.12.4</i>						
Component	Vendor (Include Contract #)	Service or Goods to be Provided	Start Date	End Date	New or Extension	Procurement Method
TTU	(C22627) Firemaster, LLC	Fire Alarm and Detection Services	Execution	8 years after execution	New	RFP
TTU	(C20472) NADA Services Corporation	Lease in Washington DC for Congressional Internship Program	08/15/2023	08/14/2028	Extension	Other
TTU	(C22388) Sirius Computer Solutions	Data protection solutions	07/29/2024	07/28/2029	New	DIR
TTU	(CTBD) Shake Smart Inc.	Smoothie Franchise Agreement	Execution	8 years after execution	New	RFP
TTUS	(C10012) Witt-Kieffer, Inc.	Executive Search Firm Agreement	09/01/2016	08/31/2026	Extension	RFP
TTU	(C22522) Reese Technology Center/Lubbock Reese Redevelopment Authority	Interagency Cooperation Agreement (Common Area Maintenance Fees)	10/01/2024	09/30/2028	New	Other Agency
TTU	(C15897) Filtration Concepts	HVAC Filters and related services	07/01/2018	06/30/2028	Extension	E&I Cooperative

TTUHSC: Approved Purchasing Contracts						
<i>Regents Rules, 07.12.4</i>						
Component	Vendor (Include Contract #)	Service or Goods to be Provided	Start Date	End Date	New or Extension	Procurement Method
TTUHSC	Shareholder Value Ltd (AMEND57916 7-008)	Lease	10/14/2024	11/30/2026	Extension	Solicitation

<b>TTUHSC</b>	Firemaster LLC (CON579843)	Fire Alarm System and Services	5/1/2015	4/30/2025	Extension	Solicitation
<b>TTUHSC</b>	The Coding Network LLC (CON2513271)	Medical Coding Services	3/1/2020	10/31/2024	Extension	Solicitation
<b>TTUHSC</b>	HireRight LLC (CON2267404)	Background Checks	10/1/2024	9/30/2025	Extension	Solicitation
<b>TTUHSC</b>	Reliant Energy Retail Services LLC (CON1675430)	Electric Energy	1/12/2015	4/30/2026	Extension	Exempt
<b>TTUHSC</b>	University Medical Center UMC Lubbock (CON1645105)	Physician Coding Software	12/30/2016	12/29/2024	Extension	Interlocal
<b>TTUHSC</b>	Covenant Medical Group (CON1583051)	Preceptorship	7/1/2016	6/30/2025	Extension	Sole Source
<b>TTUHSC</b>	Midland College (CON595115)	PA Program Facility	9/1/2010	8/31/2025	Extension	Interlocal
<b>TTUHSC</b>	Trans Star Ambulance CON594979)	Ambulance Services	1/1/2000	8/31/2025	Extension	Professional Services
<b>TTUHSC</b>	University Medical Center UMC Lubbock (CON579119)	Lease	1/1/2011	12/31/2024	Extension	Interlocal
<b>TTUHSC</b>	University Medical Center UMC Lubbock (CON579117)	Lease	5/1/2011	12/31/2024	Extension	Interlocal
<b>TTUHSC</b>	Ameritas Life Insurance Company (CON589562)	Dental Insurance	8/1/1996	7/31/2025	Extension	Exempt
<b>TTUHSC</b>	Oral and Maxillofacial Surgery of Abilene (CON589196)	Oral & Maxillofacial Surgery	5/1/2015	8/31/2025	Extension	Professional Services
<b>TTUHSC</b>	Grace Clinic of Lubbock (CON579149)	Lease	7/1/2012	6/30/2025	Extension	Solicitation

TTUHSC El Paso: Approved Purchasing Contracts						
<i>Regents Rules, 07.12.4</i>						
Component	Vendor (Include Contract #)	Service or Goods to be Provided	Start Date	End Date	New or Extension	Procurement Method
TTUHSC EP	WLM Health (CON3649414)	Anesthesiology	11/01/24	08/31/27	New	N/A Professional Services
TTUHSC EP	Margaret Negrete, DO, PLLC (CON3645742)	Anesthesiology	10/01/24	08/31/28	New	N/A Professional Services
TTUHSC EP	Dialed in Anesthesia PLLC (CON3636996)	Anesthesiology	08/14/24	08/31/27	New	N/A Professional Services
TTUHSC EP	The Hospitals of Providence (CON3632069)	EROC Surgery	09/13/24	11/30/26	New	N/A Professional Services
TTUHSC EP	Hayes Locums, LLC (AMEND3185302- 003)	Locums	04/01/22	04/30/25	Extension	N/A Professional Services
TTUHSC EP	El Paso County Hospital District (AMEND2860708- 003)	Radiology	11/01/21	10/31/25	Extension	N/A Professional Services
TTUHSC EP	Texas Health and Human Services Commission (AMEND2816778- 019)	Women's Health Program Grant	01/01/21	08/31/25	Extension	N/A Professional Services
TTUHSC EP	6Radiology, LLC (AMEND2352080- 005)	Radiology	09/09/19	08/31/25	Extension	N/A Professional Services

- (4) ASU, TTU, TTUHSC, and TTUHSC El Paso:  
Consulting contracts with an initial consideration of \$100,000 or less per Section 07.12.4.e.(1), *Regents' Rules* – “(a) Board approval is not required, but the vice chancellor and chief financial officer, in consultation with the chancellor, presidents, and chief financial officers of the institutions, shall review consulting contracts of \$100,000 or less prior to execution of the contract by the chancellor or president, as appropriate. (b) A report of the contract shall be provided as an Information Agenda item at the next board meeting.”

ASU				
<i>Regents Rules, 07.12.4.e.(1)</i>				
Component	Vendor (Include Contract #)	Consulting Service to be Provided	Start Date	End Date
ASU	Sally Stabb C2400500	APA Accreditation Self-Study Counseling Psychology PsyD	7/12/2024	12/31/2024

TTU				
<i>Regents Rules, 07.12.4.e.(1)</i>				
Component	Vendor (Include Contract #)	Consulting Service to be Provided	Start Date	End Date
TTU	(C22548) Trinity Portfolio Advisors, LLC	Investment advisory services for TTU School of Veterinary Medicine	08/26/2024	08/25/2025
TTU	(PO #P1082353/P1040662 ) Fuentek, LLC	PEEK Assessment with IP section add-on and related services	05/09/2023	08/31/2026
TTU	(C22389) Barnes and Thornburg, LLP	Title IX and College Athletics Related Matters	Execution	08/15/2027

TTUHSC				
<i>Regents Rules, 07.12.4.e.(1)</i>				
Component	Vendor (Include Contract #)	Consulting Service to be Provided	Start Date	End Date
TTUHSC	CCS Fundraising (CON3612656)	Capital Campaign Study	6/24/2024	9/13/2024
TTUHSC	D Stafford and Associates (CON3608546)	Clery Assessment	4/1/2024	10/1/2024

TTUHSC El Paso				
<i>Regents Rules, 07.12.4.e.(1)</i>				
Component	Vendor (Include Contract #)	Consulting Service to be Provided	Start Date	End Date
TTUHSC EP	Mahoney Education Consultants LLC (CON3610135)	LCME Re-Accreditation	08/01/24	04/30/26

- (5) TTU and TTUHSC: Contracts for Sponsored Programs Projects per Section 07.12.4.b., *Regents' Rules* – "The board delegates to the presidents the authority to approve the proposals and execute and sign contracts for sponsored program projects in excess of \$1,000,000 per annum. Sponsored program projects are those grants, contracts, and cooperative agreements from either the public or private sectors that support research, instructional, and service projects. A list of such contracts for sponsored program projects in excess of \$1,000,000 per annum shall be provided to the board as an information item at the next regular board meeting."

**TTU:**

- (a) Category II: REPACSS: Empowering Scientific Discovery through Renewable Energy Powered Advanced Computing Systems and Services; Chen, Yong, Professor, Computer Science, and Principal Investigator; National Science Foundation; \$5,000,000.00 awarded.
- (b) Research and Workforce Development in the area of Cybersecurity; Bayne, Stephen Benjamin; Department

- Chairperson; Electrical and Computer Engr; DOD Army Research Lab; \$2,500,000.00 awarded.
- (c) LRN COVID 19 Testing; Presley, Steven Mack; Professor; TIEHH; DSHS - Department of State Health Services; \$1,044,247.00 awarded.
  - (d) Increase Research Capacity to Promote Innovation and Competitiveness for the Advancement of One Health; Nguyen, Annelise Anh; Professor; Dean Ofc, Veterinary Medicine; DOC - National Institute of Standards and Technology; \$1,195,000.00 awarded.
  - (e) District Support to Implement Strategic Staffing/Scheduling Strategies; Beal, Sarah Elaine; Executive Director; US PREP National Center; Bill and Melinda Gates Foundation; \$7,681,460.00 awarded.

**TTUHSC:**

- (a) Cancer Prevention and Research Institute of Texas grant funding entitled "TTUHSC Texas Regional Excellence in Cancer Award"; grant year 08/31/2024-08/30/2025; grant amount \$1,200,000
- (b) Commission on State Emergency Communications grant funding entitled "CSEC Poison Funding FY24/25"; grant year 9/1/2024-8/31/2025; grant amount \$1,024,170
- (c) Texas Higher Education Coordinating Board Graduate Medical Education Expansion Grants 2024-2026- Family Medicine Permian Basin; contract year 07/01/2024 through 06/30/2025; contract amount \$2,475.00.

- (6) TTUHSC: Exigent circumstances approval by Section 07.12.3.i, *Regents' Rules* – "Unless prohibited by law, when an emergency or exigent circumstances exist and it is not feasible or practical to convene a quorum of the board within the time in which action is needed, approval may be given for a contract proposal submitted by the chancellor, or the chancellor's designee, by verbal approval of the chair or of the chair of the Finance and Investments Committee. Contracts approved in this manner shall be presented to the board as an information item at the next board meeting."

- (a) On September 21, 2024, Chairman Griffin granted an exigent circumstances approval, pursuant to Sections 07.12.3.i, *Regents' Rules*, authorizing President Rice-Spearman, or her designee, to finalize negotiations and execute a contract between Texas Tech University Health Sciences Center ("TTUHSC") on behalf of its Office of Strategic Initiatives and Lubbock County Hospital District d/b/a University Medical Center ("UMC") to provide health care to the individuals in custody in the Lubbock County Jail and Lubbock County Juvenile Detention Center. The term of the contract will be for 5 years starting in December 2024 through December 2029. Under the terms of the contract, TTUHSC will initially be paid a daily per diem of \$10.40.



Summary of the annual amounts to be received by TTUHSC during the term:

Year	Annual Amount Provided to TTUHSC
Yr. 1	\$5,390,320.00
Yr. 2	\$5,605,932.80
Yr. 3	\$5,830,170.11
Yr. 4	\$6,063,376.92
Yr. 5	\$6,305,911.99

- (7) **TTUS: Named Funds per Section 13.02.3.a, *Regents' Rules*** – “The board delegates approvals to name endowments or other gift funds established through a private gift of less than \$5 million to the president of the benefitting institution, in consultation and cooperation with the chancellor and the VCIA. Notice shall be provided to the board of re-gents as part of the information agenda at the next board meeting.”

(a) Prior to the call to order of the November board meeting, the vice chancellor for institutional advancement notified the board of regents of all named endowments and other gifts equaling \$100,000 or more given or pledged to the component universities via agreements executed between July 22, 2024 through October 26, 2024.

- (8) **ASU and MSU: Namings of a facility resulting from gifts less than \$500,000.00 per Section 13.02.2.b(4), *Regents' Rules*** – “Gifts of less than \$500,000.00 that meet the requirements outlined in this chapter [13] for naming of a facility, as defined herein, may be approved by the component institution president, in cooperation and coordination with the VCIA. The item will be placed as an information item at the next board meeting after the public announcement.”

**ASU:**

(a) Naming of Junell Center/Stephens Arena Athletic Tunnel the “Elta Joyce Murphrey Athletic Tunnel,” in honor and recognition of the generous donation from Elta Joyce McAfee to the Angelo State University Foundation, Inc., for the benefit of the Angelo State Athletics Endowment.

**MSU:**

(a) Naming of Eagle-Ayres Computer Lab within the Dillard College of Business Administration, in honor and recognition of the generous donation from Warren and Pam Ayres.

- (9) **TTU: Namings of a facility per Section 13.02.2., *Regents' Rules*** – “Namings of a facility within the TTU system resulting from a private gift and that recognizes or otherwise honors [a] . . . corporation or other entity must be approved by the board, except as otherwise provided by Section 13.02.2.b(4), *Regents' Rules* herein.”

- (a) Renaming of the Unconventional Technology Center within the Bob L. Herd Department of Petroleum Engineering.

The Unconventional Technology Center (the “Center”) within the Bob L. Herd Department of Petroleum Engineering was named in honor and recognition of Anadarko Foundation’s generous gift of \$1 million in 2011. In August of 2019, Occidental Petroleum (“Oxy”) completed its acquisition of Anadarko, including its foundation, as part of a \$55 billion transaction. With Anadarko and its foundation ceasing to exist, Oxy has requested that Texas Tech University rename the “Anadarko Unconventional Technology Center” the “Occidental Petroleum Unconventional Technology Center,” to recognize the surviving entity. The University has agreed with this request and will also take the opportunity to update signage for the Center to meet internal and external signage standards, as set by Texas Tech University Operating Policy 61.20.

- (10) TTU and TTUHSC: Report on the establishment of new centers and institutes per Section 04.11.2., *Regents’ Rules* – “The establishment or substantive restructuring of a center, institute, or other academic unit or program not addressed in Section 04.11.1 herein shall be approved by the president, with notice provided to the board via an item in the Information Agenda for the next meeting of the board.”

**TTU and TTUHSC joint item:**

- (a) The Presidents of TTU and TTUHSC have approved the establishment of the Institute for One Health Innovation (IOHI) with Dr. Naima Moustaid-Moussa jointly appointed by TTU and TTUHSC, as its Inaugural Executive Director. Both the vision and mission of IOHI is to be the preeminent entity in West Texas for educating, recruiting and training scientists and health professionals as future leaders of transdisciplinary, transformational research and healthcare initiatives by developing innovative solutions for today's most pressing One Health problems. IOHI efforts focus on the regional and global health and wellbeing of humans, animals, and ecosystems including not only cross-species transmissible diseases, but also animal-human interactions in the context of non-communicable diseases, food systems production, pathogens and human diseases, environmental influences on soil, plant, animal and human health. These environmental factors include climate/environmental conditions, extreme heat/drought/dust, and exposomes including pollutants, toxins, and microplastics. The culture of the institute operates at the speed of relevance, expediting both the education and the translation of research to practice and discovery to public impact.

- (11) TTU: Correction to Feb 29, 2024, BOR Item to approve changes in academic rank per Section 04.02, *Regents' Rules* – “Each component institution of the TTU system shall publish and maintain as part of the institution’s operating manual Tenure and Promotion Regulations and Guidelines. The institutional operating policies for tenure and promotion, and any changes thereto, must be approved by the board.”
- (a) On February 29, 2024, the Board of Regents approved ACS Committee Item #8, TTU: Approve changes in academic rank in accordance with Section 04.02, Regents' Rules and TTU Operating Policy 32.01. Since this approval, TTU discovered that the item had a typo. The item incorrectly had Sean Lux as being promoted from assistant professor of practice to associate professor of practice. However, the correct change in rank is from assistant professor of practice to professor of practice. Outside of the typographical error, the faculty member has been judged by the department faculty and the appropriate administrative personnel as worthy of the rank of professor of practice. The corrected change in rank was shared with ACS Committee leadership and went into effect on September 1, 2024, as intended.
- (12) ASU, MSU, TTU, TTUHSC and TTUHSC El Paso: Chief Executive Officer Title IX administrative reports as required by *Texas Education Code*, Section 51.253(c) – “Subject to Subsection (d), at least once during each fall or spring semester, the chief executive officer of a postsecondary educational institution shall submit to the institution's governing body and post on the institution's Internet website a report concerning the reports received under Section 51.252. The report: (1) may not identify any person; and (2) must include: (A) the number of reports received under Section 51.252; (B) the number of investigations conducted as a result of those reports; (C) the disposition, if any, of any disciplinary processes arising from those reports; (D) the number of those reports for which the institution determined not to initiate a disciplinary process, if any; and (E) any disciplinary actions taken under Section 51.255.” Reports for the most recently completed reporting period are available to the board and are posted on each component institution website.  
**ASU:** <https://www.angelo.edu/current-students/title-ix/annual-reports/>  
**MSU:** <https://msutexas.edu/titleix/annual-reports.php>  
**TTU:** <https://www.depts.ttu.edu/titleix/annualreports/>  
**TTUHSC:** [https://www.ttuhs.edu/title-ix/institutional\\_annual\\_reports.aspx](https://www.ttuhs.edu/title-ix/institutional_annual_reports.aspx).  
**TTUHSC EP:** <https://elpaso.ttuhs.edu/title-ix/title-ix-reporting.aspx>

- (13) TTU: Office of Research Commercialization (ORC) report per Section 10.16.1, *Regents' Rules* – "At least once a year, coincidental with a regular board meeting, the ORC Director shall prepare for the chancellor and the board a report listing the titles and a brief description of each intellectual property disclosure received since the last report, all license and assignment agreements entered into by the ORC, and the status of existing license and assignment agreements, including the distribution of revenues earned from such agreements."

The TTU Office of Research Commercialization ("ORC") Annual Report, FY 2024 is included herewith as Attachment 24.

Regent Kerrick Davis moved that the item as presented be approved. Regent Cash recused himself from the vote of item k. The motion was seconded by Regent Sweatt and passed unanimously.

Regent Kerrick Davis stated that consideration of items by the Committee of the Whole was concluded.

XII.C SCHEDULE FOR BOARD MEETINGS.— Mr. McWhinney presented the following schedule for future board meetings: March 6-7, 2025, Lubbock; May 8-9, 2025, Lubbock; August 14-15, 2025, Lubbock; November 13-14, 2025, Lubbock.

#### XII.D. STUDENT GOVERNMENT ASSOCIATION REPORTS

XII.D.1. REPORT BY STUDENT GOVERNMENT ASSOCIATION, ASU— Chairman Griffin called on Kam Wiese, president, Student Government Association, ASU, who presented a report from the Student Government Association. (NOTE: This report can be viewed in its entirety at the Board of Regents webpage under video archives.)

XII.D.2. REPORT BY STUDENT GOVERNMENT ASSOCIATION, MSU— Chairman Griffin called on Vincent Peter, president, Student Government Association, MSU, who presented a report from the Student Government Association. (NOTE: This report can be viewed in its entirety at the Board of Regents webpage under video archives.)

XII.D.3. REPORT BY STUDENT GOVERNMENT ASSOCIATION, TTU— Chairman Griffin called on Abby Vega, president, Student Government Association, TTU, who presented a report from the Student Government Association. (NOTE: This report can be

viewed in its entirety at the Board of Regents webpage under video archives.)

XII.D.4. REPORT BY STUDENT GOVERNMENT ASSOCIATION, TTUHSC—Chairman Griffin called on Jesse Burnett, president, Student Government Association, TTUHSC, who presented a report from the Student Government Association. (NOTE: This report can be viewed in its entirety at the Board of Regents webpage under video archives.)

XII.D.5. REPORT BY STUDENT GOVERNMENT ASSOCIATION, TTUHSC El Paso.—Chase Green, president, Student Government Association, TTUHSC El Paso, was unable to attend the meeting.

XIII. EXECUTIVE SESSION.—The Board did not convene into Executive Session.

XIV. OPEN SESSION.—At 9:11 am, the Board continued in open session in the Regents Conference Room (104A), First Floor, System Administration Building, 1508 Knoxville Avenue, Lubbock, Texas, to consider items as a Committee of the Whole and Meeting of the Board.

XII.A. REPORT OF EXECUTIVE SESSION.—There were no motions from Executive Session.

No action was taken on any other matters that were posted for discussion in Executive Session, which included:

Consultation with Attorney Regarding Legal Matters or Pending and/or Contemplated Litigation or Settlement Offers (Tex. Govt. Code § 551.071) including: Pre-litigation and litigation update; and Other pending legal matters, potential legal claims updates, settlement offer updates, and discussion and advice from general counsel on pending legal issues.

Deliberation Regarding Individual Personnel Matters Relating to the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline, or Dismissal of Officers or Employees of the TTU System and its Component Institutions. (Tex. Govt. Code § 551.074) including: Discussion of Chancellor duties, assignments, and expectations; and Discussion of other personnel matters including the duties, performance and evaluation of Texas Tech University System or component institution officers and employees.

Deliberation Regarding Security Devices or Security Audits. (Section 551.076).

(\*In connection with this item, to the extent that any agenda notation or supplemental written materials, which might otherwise be covered by Tex. Govt. Code §551.1281(b)(1), have been excluded from an internet web posting, such exclusion has been authorized by a certification pursuant to Tex. Govt. Code §551.1281(c).)


XIV.B. CHAIRMAN'S ANNOUNCEMENTS.—There were no announcements.

XV. ADJOURNMENT.—Chairman Griffin adjourned the meeting at 9:11 am.

## INDEX OF ATTACHMENTS

Attachment 1	TTU The Campaign for Texas Tech, On & On
Attachment 2	TTUS Office of Audit Services Prioritized Audit Plan, FY 2025
Attachment 3	MSU Approve expenditure of the Student Success and Military Education Center project for Design Professional Stage II design services PowerPoint
Attachment 4	TTU Approve expenditure of the National Ranching Heritage Center's Red Steagall Institute project for Design Professional Stage II design services PowerPoint
Attachment 5	TTUHSC Approve expenditures of the TTUHSC Lubbock – 5B West Research Lab Renovations project and accept the Construction Manager At Risk GMP for Bid Package I – Demolition and Early Equipment Package PowerPoint
Attachment 6	TTUHSC El Paso Approve expenditure of the Clinical Sciences Building project for a Construction Manager Agent PowerPoint
Attachment 7	TTUHSC El Paso Approve expenditure of the Comprehensive Cancer Center project for a Construction Manager Agent PowerPoint
Attachment 8	TTUS Report on Facilities Planning and Construction projects (project data as of 10/29/2024)
Attachment 9	TTUS Facilities Planning and Construction Capital Projects Budget Analysis FY 2018-2023 Report (Revised 10-7-24)
Attachment 10	TTU Strategic Alignment, Draft Direction [DumontJanks] Report
Attachment 11	TTUS Investment Policy Statement Comprehensive Cash and Investment Pool with proposed revisions
Attachment 12	TTUS Consolidated Cash & Investment Pool (CCIP) Review PowerPoint
Attachment 13	TTUS Report on Endowments PowerPoint
Attachment 14	TTUHSC Comprehensive Cancer Center: Achieving National Cancer Institute Designation PowerPoint
Attachment 15	TTUHSC Recognition of the Kenneth H. Cooper Institute PowerPoint
Attachment 16	ASU OP 06.23 Tenure and Promotions Standards and Procedures with proposed revisions
Attachment 17	ASU Campus Condition Report
Attachment 18	MSU Campus Condition Report
Attachment 19	TTU Campus Condition Report
Attachment 20	TTU SVM Campus Condition Report
Attachment 21	TTUHSC Campus Condition Report
Attachment 22	TTUHSC El Paso Campus Condition Report
Attachment 23	TTUS Campus Condition Report
Attachment 24	TTU Office of Research Commercialization (“ORC”) Annual Report, FY 2024

I, Keino McWhinney, the duly appointed and qualified 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 System Board of Regents meeting on November 14-15, 2024.

  
Keino McWhinney  
Secretary

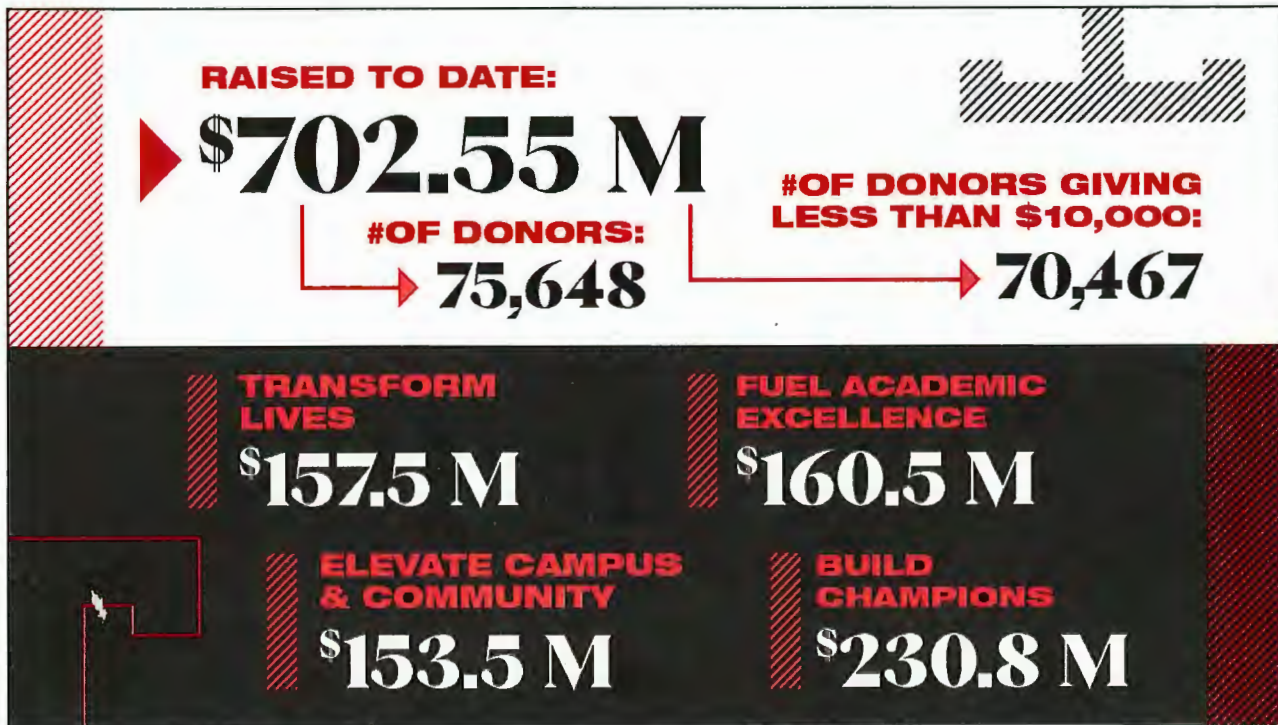


SEAL









## CAMPAIGN PRIORITIES

### TRANSFORM LIVES

Texas Tech remains committed to its mission of providing access and opportunity to students, delivering an affordable education, and setting up graduates for success both financially and professionally.

### ELEVATE CAMPUS & COMMUNITY

A top-of-the-line educational experience requires state-of-the-art facilities, technology, and infrastructure for the demands of today and tomorrow.

### FUEL ACADEMIC EXCELLENCE

Faculty are the backbone of our comprehensive public research university. Texas Tech is dedicated to attracting and retaining top talent; to the highest standards of teaching and learning; and to meaningful R1 research pursuits in numerous disciplines.

### BUILD CHAMPIONS

Red Raider Athletics are a beloved and widely respected component of our university, providing high levels of competition, community, and enjoyment for all members of the extended Texas Tech family. Our student-athletes develop skills that help them in their respective sports, in the classroom, and in life.

**ON \* ON** The CAMPAIGN for TEXAS TECH UNIVERSITY

Campaign Update | 4



## PHILANTHROPY AT WORK

2023-2024 ACADEMIC YEAR



**\$1,829**

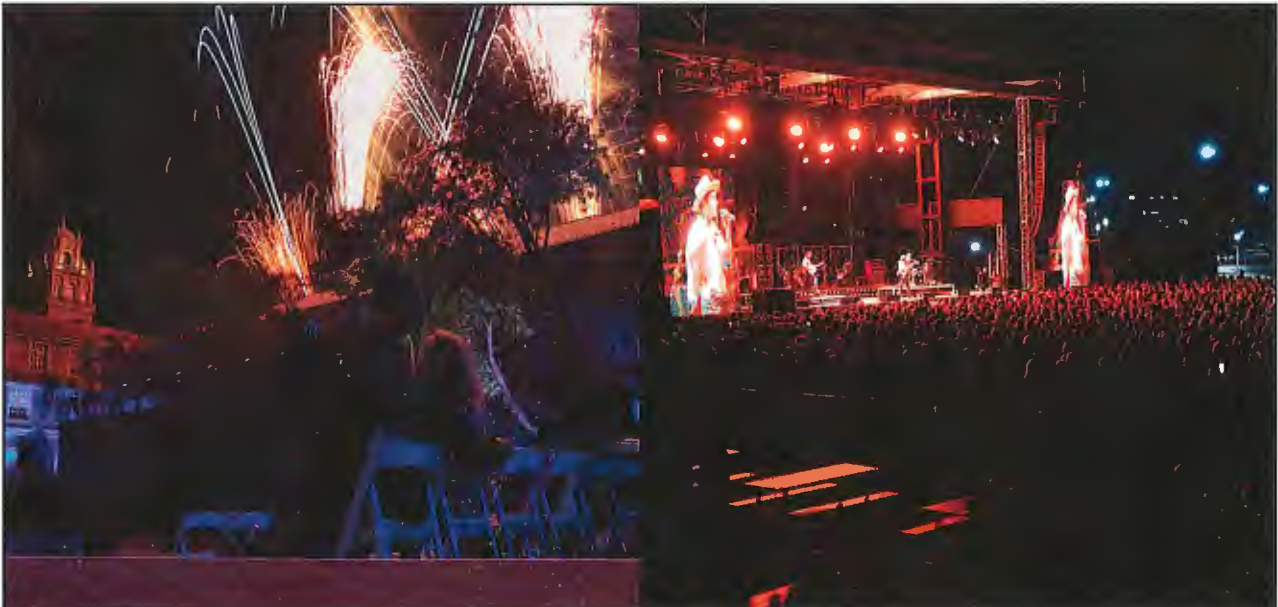
**AVERAGE SCHOLARSHIP  
AWARD AMOUNT**

**8,714**

**NUMBER OF STUDENTS  
WHO RECEIVED  
DONOR-FUNDED  
SCHOLARSHIPS**

**\$22,336,213**

**TOTAL AMOUNT OF  
DONOR-FUNDED  
SCHOLARSHIP AWARDED**



**OUR LEGACY GOES**  
**ON ON**

[ttu.edu/campaign](http://ttu.edu/campaign)

The CAMPAIGN for TEXAS TECH UNIVERSITY

**ON ON** The CAMPAIGN for TEXAS TECH UNIVERSITY

Campaign Update | 7

**FOR TECH.**  
**FOR EVER.**



TEXAS TECH UNIVERSITY SYSTEM  
OFFICE OF AUDIT SERVICES  
PRIORITIZED AUDIT PLAN  
Fiscal Year 2025

PRIORITY	ENTITY	AUDIT AREA	BUDGETED HOURS	BUDGET ADJUSTMTS	STATUS AS OF NOV 4	ACTUAL HOURS	TIME STILL NEEDED	BUDGET vs ACTUAL
		TOTAL ENGAGEMENT HOURS AVAILABLE	20,300					
		REQUIRED ENGAGEMENTS						
Required	ALL	Audit Report Follow-Up Procedures and Reporting	800		In Progress	291	509	0
Required	ALL	State & Federal Involuntary Engagements	15	0				15
		TTU, TTUHSC: FY2024 Statewide Federal Financial Audit			In Progress			0
		MSU: Student Financial Assistance Compliance Review			Complete			0
		TTUHSC: Formula Funding Desk Review			In Progress			0
Required	ALL	CPRIT Grant Funds	10					10
Required	ALL	Contracting and Procurement Processes	200		Complete	15		185
Required	TTUS	Texas Tech Foundation, Inc. Financial Statements	150		In Progress	79	71	0
Required	TTUS	Regents, Chancellor, & Presidents Travel and Other Expenses	110		In Progress	70	40	0
Required	TTU	SACS Financial Statement Review	20		In Progress			20
Required	TTU	NCAA Financial Agreed-Upon Procedures	5					5
Required	TTU	Red Raider Facilities Foundation, Inc.	5					5
Required	TTU	Texas Tech Public Media Financial Statements	200					200
Required	TTU	Joint Admission Medical Program Grants	40		Complete	35		5
Required	TTU	US PREP Data Use Compliance	60		In Progress	3	57	0
Required	HSC	Correctional Managed Health Care Contract	150					150
Required	HSC	Joint Admission Medical Program Grants – Lubbock SOM	40		Complete	62		(22)
Required	HSC-EP	Joint Admission Medical Program Grants – PLFSOM	40		Complete	55		(15)
Required	ASU	Carr Foundation Financial Statements	5					5
Required	ASU	ASU Foundation, Inc. Financial Statements	5					5
Required	ASU	Texas Higher Education Coordinating Board Facilities Audit	100					100
Required	MSU	Joint Admission Medical Program Grants	40		Complete	39		1
Required	MSU	MSU Foundation, Inc. Financial Statements	5					5
		TOTALS FOR REQUIRED ENGAGEMENTS	2,000	-		649	677	674
		AUDITS IN PROGRESS AT AUGUST 1, 2024						
Prior Year	TTU	Intercollegiate Athletics	150		Complete	132		18
Prior Year	TTU	Faculty Hiring Processes	375		In Progress	1	374	0
Prior Year	TTU	Administration and Finance Certificate Program	150		In Progress	52	98	0
Prior Year	HSC	Institutional Compliance Program	375		In Progress	223	152	0
Prior Year	HSC	Clinical Trial Billing Processes	335		In Progress	48	287	0
Prior Year	HSC-EP	Missing Property Processes	40		Complete	263		(223)
Prior Year	ASU	NCAA Compliance Program	250		In Progress	294	60	(104)
Prior Year	MSU	Payroll Processes	10		Complete	4		6
Prior Year	MSU	CS Gold Meal Plan Reconciliation	140		In Progress	27	113	0
Prior Year	MSU	Simple K Key Management System Implementation	75		In Progress	55	20	0
Prior Year	MSU	MSU Foundation, Inc. FY 2023 Financial Statements	2		In Progress	2		0
Prior Year	ALL	Wrap-up on Audits Included in August BOR Report	33		Complete	51		(18)
		TOTALS FOR AUDITS IN PROGRESS	1,935	-		1,152	1,104	(321)
		INVESTIGATIONS, HOTLINE REPORTS, & SPECIAL PROJECTS						
		Total Hours Budgeted	2,500	(587)				1,913
		IN PROGRESS AT AUGUST 1, 2024						
Special	MSU	Enrollment Management Processes and Data Security		68	Complete	68		0
Special	TTU	TTU Department of Animal and Food Sciences Fleet Fuel Card Investigation		31	Complete	31		0
		BEGUN AFTER AUGUST 1, 2024						
Special	TTU	University Recreation Student Employment Hours		88	Complete	88		0
Special	TTU	Mentor Tech Investigation		200	In Progress	81	119	0
Special	ALL	Miscellaneous Hotline Projects		200	In Progress	49	151	0
		INVESTIGATIONS, HOTLINE REPORTS, & SPECIAL PROJECTS TOTAL	2,500	587		317	270	1,913
		HIGHEST PRIORITY						
1	TTUS	Office of Investments	250		In Progress	262	10	(22)
1	TTU	Student Engagement Hub Application and Data Security Controls	300					300
1	TTU	School of Veterinary Medicine	375		In Progress	166	209	0
1	HSC	School of Nursing	400					400
1	HSC	Research Data Security and Controls	400					400
1	HSC-EP	Dental Oral Health Clinic Billing Processes	400					400
1	HSC-EP	Facilities and Services	400		In Progress	66	334	0
1	ASU	Title IX Program	400	(50)	In Progress	78	272	0
1	ASU	Office of Business Services and Special Events	400					400
1	MSU	Banner Security	400		In Progress	14	386	0
		HIGHEST PRIORITY TOTALS	3,725	(50)		586	1,211	1,878

TEXAS TECH UNIVERSITY SYSTEM  
OFFICE OF AUDIT SERVICES  
PRIORITIZED AUDIT PLAN  
Fiscal Year 2025

MODERATE PRIORITY									
2	ALL	Software License Management Processes	Compliance	500	In Progress	48	452	0	
2	TTU	Intercollegiate Athletics	Operational/Compliance	400				400	
2	TTU	Foreign Gift and Contract Reporting	Compliance	375	In Progress	165	210	0	
2	TTU	High Performance Computing Center General Controls Review	IT Controls	250	In Progress	114	221	0	
2	TTU & HSC	One Health Initiative	Management Advisory	250				250	
2	HSC	School of Medicine	Operational	400				400	
2	HSC	Accounts Payable Processes	Operational/Controls	300	In Progress	13	287	0	
2	HSC-EP	Network and Server Security	IT Controls	500				500	
2	ASU	Travel Office Processes	Operational	350				350	
2	MSU	Accounts Payable Processes	Operational/Controls	350				350	
2	MSU	Wilson School of Nursing HRSA Grant	Financial/Compliance	250	In Progress	192	58	0	
		MODERATE PRIORITY TOTALS		3,925	85	532	1,228	2,250	
LOWER PRIORITY									
3	TTUS	Fee-for-Service Billing and Collection	Management Advisory	150				150	
3	TTU	Talkington College School of Music	Financial/Controls	300	In Progress	58	242	0	
3	TTU	Chief Information Officer Transition	Management Advisory	100				100	
3	HSC	Foreign Influence Risk Mitigation	Management Advisory	100				100	
3	HSC/HSC-EP	Pharmaceutical Receipt Processes	Controls	400				400	
3	HSC-EP	Police Department	Operational	390				390	
3	HSC-EP	PLFSOM Department of Molecular and Translational Medicine	Financial/Controls	400	In Progress	17	383	0	
3	ASU	Scholarship Value Proposition	Management Advisory	250				250	
3	MSU	Faculty Load and Compensation	Operational/Management Advisory	175				175	
		LOWER PRIORITY TOTALS		2,265	-	75	625	1,565	
CONSTRUCTION PROJECT AUDITS									
FP&C	TTUS	TTU Academic Sciences Building	CBIZ Risk & Advisory Services		Complete			0	
FP&C	TTUS	TTU West Village II	Fort Hill Associates					0	
FP&C	TTUS	TTUHSC Southwest Professional Building	RL Townsend & Associates		Complete			0	
FP&C	TTUS	TTUHSC School of Health Professions Midland PA Building	RL Townsend & Associates		In Progress			0	
FP&C	TTUS	TTUHSC Lubbock Animal Resource Center	Fort Hill Associates					0	
FP&C	TTUS	TTUHSC El Paso Comprehensive Cancer Center	CBIZ Risk & Advisory Services					0	
FP&C	TTUS	TTUHSC El Paso Clinical Sciences Building	CBIZ Risk & Advisory Services					0	
FP&C	TTUS	ASU Central Plant Renovation & Additions	Fort Hill Associates					0	
FP&C	TTUS	ASU Carr Hall Renovation	RL Townsend & Associates		Complete			0	
FP&C	TTUS	ASU Aviation Program Training Facility	RL Townsend & Associates		In Progress			0	
FP&C	TTUS	MSU Bolin Hall Renovation and Expansion	CBIZ Risk & Advisory Services		In Progress			0	
		CONSTRUCTION PROJECT TOTALS		-	-	-	-	-	
OTHER VALUE-ADDED WORK									
		Total Hours Budgeted for Other Value-Added Work		3,950	(1,543)			2,407	
		Service to the Institutions							
Other	ALL	Data Analytics			Ongoing	189			
Other	ALL	Fraud Prevention Training			Ongoing	29			
Other	ALL	Cash Handling, Internal Control, and Control Environment Training			Ongoing	3			
Other	ALL	New Employee Orientation			Ongoing	7			
Other	TTUSA	Values Culture Integration			Ongoing	100			
Other	TTUS	FP&C Contractor Selection Process Proctor			Ongoing	15			
Other	TTUS	Artificial Intelligence Policy Council			Ongoing				
Other	TTUS	PaymentWorks Implementation			Ongoing	3			
Other	TTU	Accounting Advisory Council			Ongoing	3			
Other	HSC	President's Advisory Board			Ongoing				
Other	HSC	Institutional Compliance Risk Council			Ongoing				
Other	HSC	Billing Compliance Advisory Committee			Ongoing	1			
Other	HSC	Performance Improvement Committee			Ongoing	1			
Other	HSC	Clergy Compliance Committee			Ongoing				
Other	HSC-EP	Institutional Compliance Committee			Ongoing	1			
Other	HSC-EP	Administrators and Directors Quarterly Forum			Ongoing	6			
Other	ASU	Executive Management Meetings			Ongoing	13			
Other	ASU	Conflicts of Interest and Commitment Committee			Ongoing				
Other	MSU	Executive Management Meetings			Ongoing	19			
Other	MSU	Ethics & Compliance Committee			Ongoing	20			
Other	ALL	Other Miscellaneous Projects			Ongoing	127			
		Service to the Profession							
Other	N/A	Professional Organizations (e.g., ACUA, TACUA, IIA, TXCPA, ACPE)			Ongoing	256			
Other	N/A	Quality Assurance Peer Reviews (TWU, Meharry Medical College, ENMU)			In Progress	10			
		Development of OAS Staff and Operations							
Other	TTUS	Audit Staff Development			Ongoing	584			
Other	TTUS	Office of Audit Services Self-Assessment			Complete	9			
Other	TTUS	Office of Audit Services External Quality Assessment			Complete	26			
Other	TTUS	Office of Audit Services Annual Report			Complete				
Other	TTUS	Office of Audit Services Annual Plan							
Other	TTUS	Quality and Process Improvement Activities			Ongoing	121			
Other	TTUS	GAGAS Quality Assurance Review							
		OTHER VALUE-ADDED WORK TOTALS		3,950	-	1,543	-	2,407	
		TOTAL ENGAGEMENT HOURS		20,300	35	4,854	5,115	10,366	

[illegible]

Midwestern State University

ITEM 1

Approve expenditure of the Student Success and  
Military Education Center project for Design  
Professional Stage II design services

*Billy Breedlove*



Bridwell Activities Center

MSU  
ITEM 1










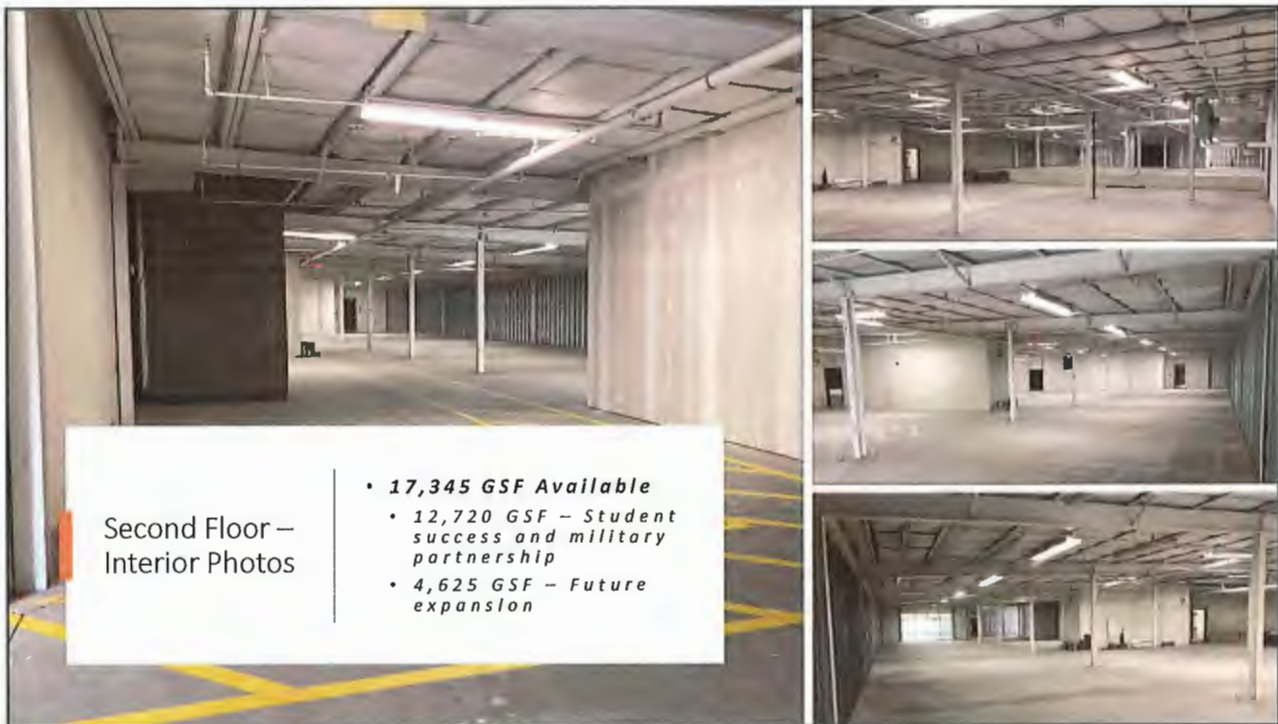


## Second Floor Plan

MSU  
ITEM 1

### LEGEND

	MILITARY EDUCATION CENTER	4,050 SF
	STUDENT SUCCESS	2,430 SF
	SHARED SPACE	600 SF
	COMMON AREA	2,300 SF
	CIRCULATION	3,250 SF
	PROJECT AREA TOTAL	12,720 SF
	FUTURE	4,625 SF
	<b>TOTAL 2nd FLOOR</b>	<b>17,345 SF</b>



Second Floor –  
Interior Photos

- **17,345 GSF Available**
- 12,720 GSF – Student success and military partnership
- 4,625 GSF – Future expansion

## Scope of Services

MSU  
ITEM 1

- Execute Design Professional Stage II design services consisting of:
  - Design Development ("DD").
  - Construction Documents ("CD").
  - Construction Administration ("CA") Phases.
  - Statement of Probable Cost.
  - Project Schedule.

## Project Overview

MSU  
ITEM 1

- The Daniel Building was renovated into the new Bridwell Activities Center and made available for student use in August 2022. The project remodeled the first floor only. Funding was not available for renovation of any part of the second floor at that time until now.
- The second-floor total area available for renovation is 17,345 GSF with approximately 12,720 GSF to be utilized by the student success initiative and military partnership; the remaining 4,625 GSF will be for future expansion.

## Project Budget

MSU  
ITEM 1

	BOR Approved August 2024	Additional Request	Revised Budget
	\$ 99,725	\$ 287,348	\$ 387,073
Construction	\$ 0	\$ 0	\$ 0
Professional Services	\$ 74,250	\$ 267,250	\$ 341,500
FF&E	\$ 0	\$ 0	\$ 0
Administrative Cost	\$ 18,500	\$ 0	\$ 18,500
BOR Directed Fees (1% Landscape Enhancements, 1% Public Art, and 2.4% FP&C Fee)	\$ 2,337	\$ 6,735	\$ 9,072
Contingency	\$ 4,638	\$ 13,363	\$ 18,001

## Recommendation

ITEM 1

- Authorize the chancellor or the chancellor's designee to:
  - (i) Approve expenditure of \$287,348 for a total of \$387,073 for the Student Success and Military Education Center project with an anticipated project budget of \$4,000,000.
  - (ii) Amend the Design Professional ("DP") Agreement.
  - (iii) Authorize Stage II design services.
- The expenditures will be funded through grants and gifts.



Texas Tech University

ITEM 2

# Approve expenditure of the National Ranching Heritage Center's Red Steagall Institute project for Design Professional Stage II design services

*Billy Breedlove and Jim Bret Campbell*



## Concept Rendering - Site Plan

TTU  
ITEM 2





## Concept Rendering – Entry Courtyard

TTU  
ITEM 2



## Floor Plan

TTU  
ITEM 2

### LEGEND

- 1 Bit and Spur Shop
- 2 Main Gallery
- 3 Leather Shop
- 4 Visual Arts
- 5 Songwriting and Poetry
- 6 Administration Office
- 7 Catering
- 8 Café
- 9 Mechanical
- 10 Electrical
- 11 Animal Pen



Concept Rendering – Main Gallery Banquet Setting

TTU  
ITEM 2



Concept Rendering – Main Gallery Daily Setting

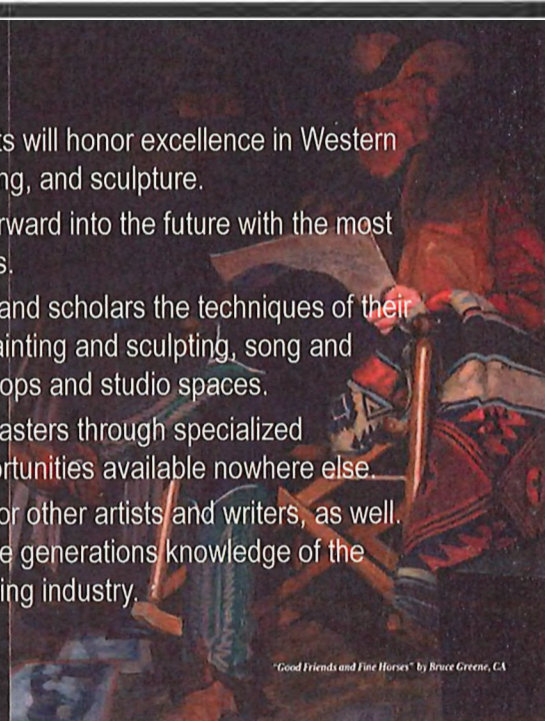
TTU  
ITEM 2





## Project Overview

- The Red Steagall Institute for Traditional Western Arts will honor excellence in Western writing, music, leather working, metal working, painting, and sculpture.
- The Institute's goal is to move these artisan forms forward into the future with the most professional, artistic, authentic, educational platforms.
- Masters-in-residence will demonstrate for the public and scholars the techniques of their trades including bit and spur making, leatherwork, painting and sculpting, song and poetry, and the written word-through full-time workshops and studio spaces.
- Students of traditional Western arts will learn from masters through specialized programming. A world-class facility will provide opportunities available nowhere else.
- The Red Steagall Institute will become a repository for other artists and writers, as well. Most importantly, it will be a place to pass on to future generations knowledge of the heritage, traditions, and values inspired by the ranching industry.



## Scope of Services

TTU  
ITEM 2

- Execute Design Professional Stage II design services consisting of:
  - Design Development ("DD").
  - Construction Documents ("CD").
  - Construction Administration ("CA") Phases.
  - Statement of Probable Cost.
  - Project Schedule.

## Project Budget

TTU  
ITEM 2

	BOR Approved May 2024	Additional Request	Revised Budget
	\$ 514,218	\$ 1,548,857	\$ 2,063,075
Construction	\$ 0	\$ 0	\$ 0
Professional Services	\$ 482,852	\$ 1,454,381	\$ 1,937,233
FF&E	\$ 0	\$ 0	\$ 0
Administrative Cost	\$ 0	\$ 0	\$ 0
BOR Directed Fees (1% Landscape Enhancements, 1% Public Art, and 2.4% FP&C Fee)	\$ 12,052	\$ 36,301	\$ 48,353
Contingency	\$ 19,314	\$ 58,175	\$ 77,489

## Recommendation

ITEM 2

- Authorize the chancellor or the chancellor's designee to:
  - (i) Approve expenditures of \$1,548,857 for a total of \$2,063,075 for the National Ranching Heritage Center's Red Steagall Institute project, with an anticipated project budget of \$28,000,000.
  - (ii) Amend the Design Professional Agreement.
  - (iii) Authorize Stage II design services.
- The expenditures will be funded with gifts.





## Texas Tech University Health Sciences Center

ITEM 3

Approve expenditures of the TTUHSC Lubbock – 5B West Research Lab Renovations project and accept the Construction Manager At Risk GMP for Bid Package I – Demolition and Early Equipment Package

*Billy Breedlove*



## TTUHSC Lubbock – 5B West Research Lab Renovations Existing Floor Plan

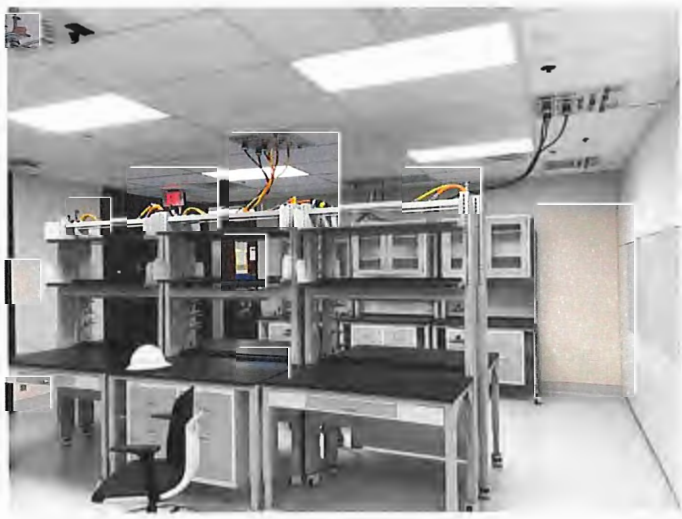
TTUHSC  
ITEM 3



NORTH

## Lab Concept Model

TTUHSC  
ITEM 3



Laboratory Model



Demountable Partition

## Scope of Services

TTUHSC  
ITEM 3

- Bid Package I – Demolition and Early Equipment Package includes:
  - Selective demolition involves:
    - Removal of all walls, ceilings, and finishes.
    - Portions of the overhead systems such as mechanical, electrical, and plumbing components.
  - Early equipment package encompasses the procurement of mechanical equipment that will serve the newly renovated area. This equipment is designated to be installed on the roof for exhaust purposes.

## Project Budget

TTUHSC  
ITEM 3

	BOR Approved August 2024	Additional Request	Revised Budget
	<b>\$ 1,211,528</b>	<b>\$ 743,142</b>	<b>\$ 1,954,670</b>
Construction	\$ 23,500	\$ 650,000	\$ 673,500
Professional Services	\$ 863,180	\$ 0	\$ 863,180
FF&E	\$ 50,000	\$ 0	\$ 50,000
Administrative Cost	\$ 138,895	\$ 9,750	\$ 148,645
BOR Directed Fees (1% Landscape Enhancements, 1% Public Art, and 2.4% FP&C Fee)	\$ 28,396	\$ 17,417	\$ 45,813
Contingency	\$ 107,557	\$ 65,975	\$ 173,532

## Recommendation

ITEM 3

- Authorize the chancellor or the chancellor's designee to:
  - (i) Approve expenditures of \$743,142 for a total of \$1,954,670 for the TTUHSC Lubbock - 5B West Research Lab Renovations project, with an anticipated project budget of \$11,000,000.
  - (ii) Accept the Guaranteed Maximum Price ("GMP") for construction of Bid Package I – Demolition and Early Equipment Package.
  - (iii) Amend the Construction Manager At Risk ("CMAR") Agreement for execution of Bid Package I – Demolition and Early Equipment Package.
- The total expenditures of \$1,954,670 which includes the previously approved \$1,211,528 will be funded through the Revenue Finance System ("RFS"), repaid with Capital Construction Assistance Projects ("CCAP") Legislative Appropriation.





## Texas Tech University Health Sciences Center El Paso

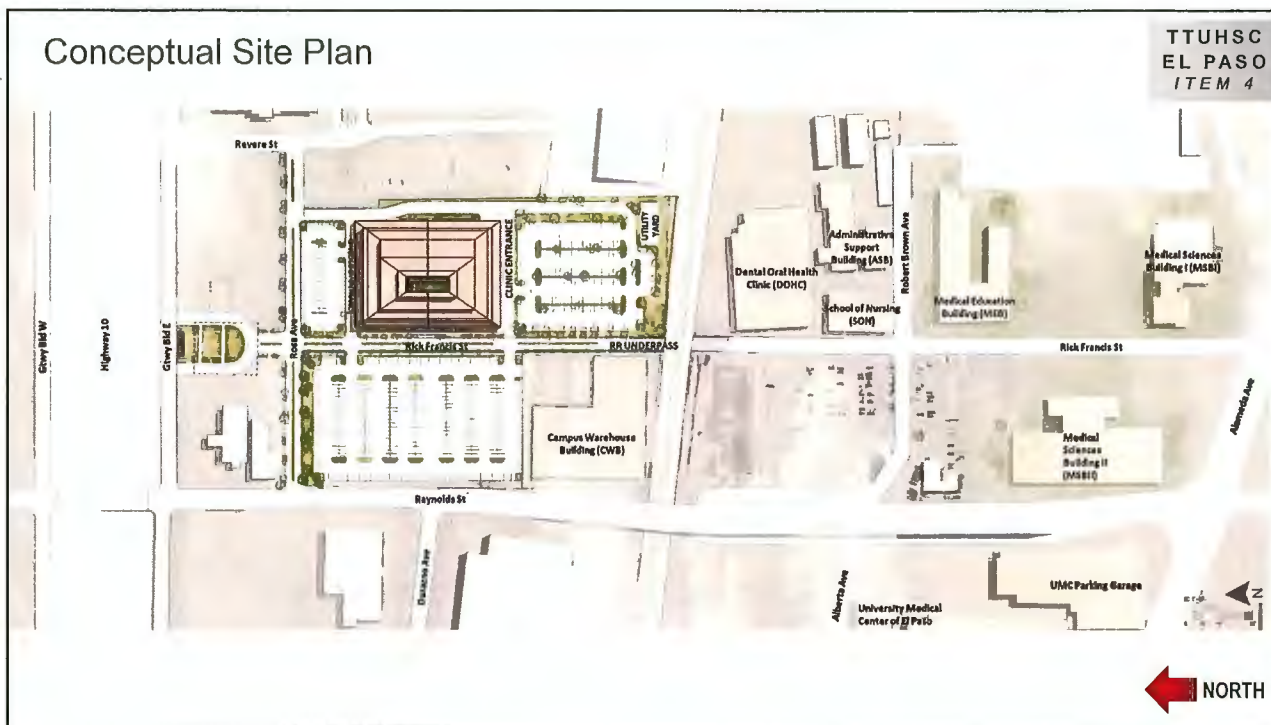
ITEM 4

### Approve expenditure of the Clinical Sciences Building project for a Construction Manager Agent

*Billy Breedlove*



## Conceptual Site Plan



## Concept Rendering – West Elevation





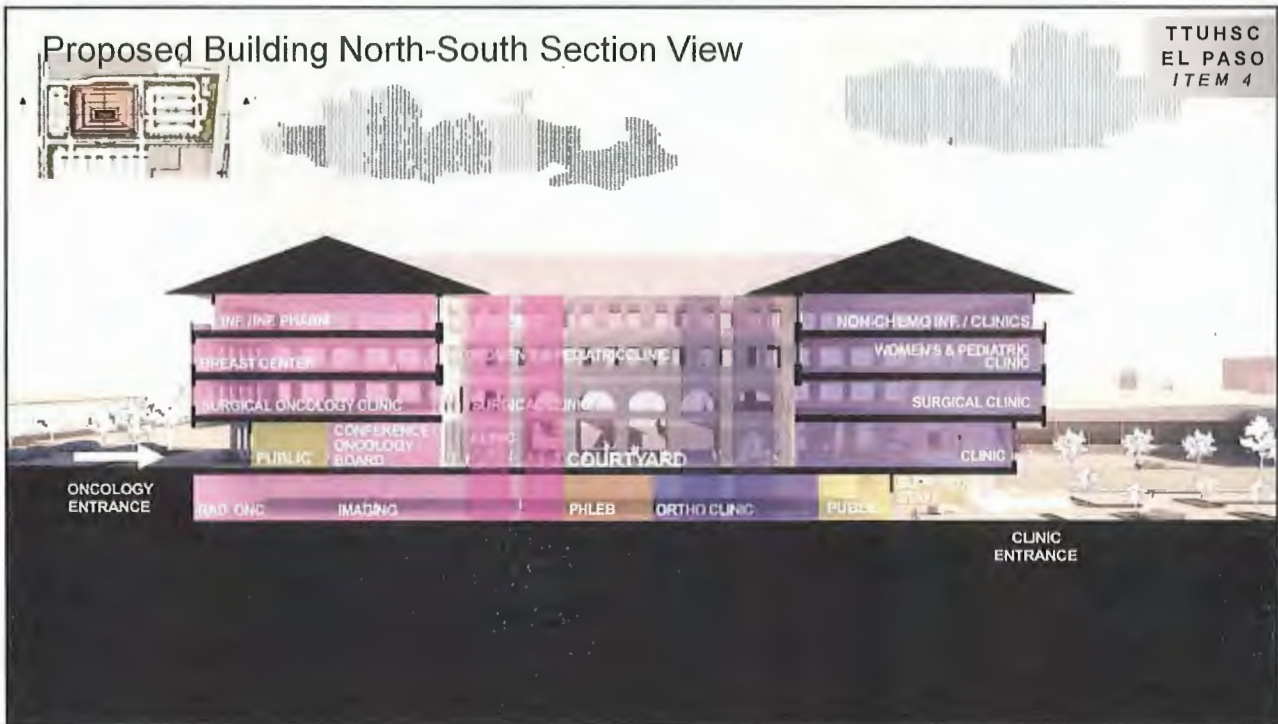
Concept Rendering – Southwest Perspective

TTUHSC  
EL PASO  
ITEM 4



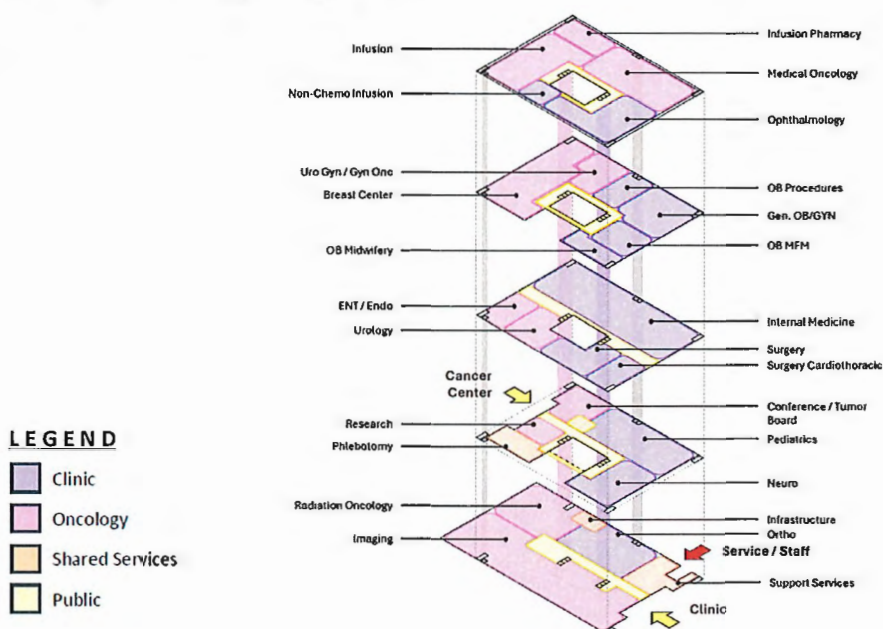
Proposed Building North-South Section View

TTUHSC  
EL PASO  
ITEM 4



## Building Stacking Diagram

TTUHSC  
EL PASO  
ITEM 4



## Scope of Services

TTUHSC  
EL PASO  
ITEM 4

### Construction Manager Agent ("CMA") Agreement:

- The CMA will provide condensed Pre-Construction Services for both projects assisting TTUS FP&C in supplemental design development reviews, GMP and construction cost evaluations, and construction schedule analysis.
- The CMA will provide comprehensive on-site Construction Services for both projects, assisting TTUS FP&C in observing, examining, and assuring construction quality and monitoring construction schedule conformance.



## Project Overview

TTUHSC  
EL PASO  
ITEM 4

- Project will construct an approximate 234,000 GSF, multi-story building.
- The Clinical Sciences Building planning and construction will coincide with the planning and construction of the new Comprehensive Cancer Center located on the same property.
- New facility will house all existing clinical practices in the current facility inclusive of the Breast Care Center, Internal Medicine, Neurology, Obstetrics/Gynecology, Ophthalmology, Orthopedic Surgery and Rehabilitation, Pediatrics, and Surgery, with sub-specialty emphasis on Cardiothoracic, Urology, ENT, and Endocrinology. A non-oncology Infusion center has been requested.

## Project Overview (cont.)

TTUHSC  
EL PASO  
ITEM 4

- Project will consist of the following components supporting these clinics:
  - Exam and procedure rooms supporting TTUHSC El Paso School of Medicine clinical practices.
  - Support areas for clinical operations (nurse stations, triage/vitals, laboratory support, medicine storage, clinical supply rooms, waiting areas, and other support spaces).
  - Administration, clinical providers, clinical support, and touchdown spaces.
  - Resident touchdown spaces and classroom areas.
  - Building support rooms (IT, mechanical, electrical, receiving, etc.).
  - Parking.

## Project Budget

TTUHSC  
EL PASO  
ITEM 4

	BOR Approved August 2024	Additional Request	Revised Budget
	\$ 8,589,136	\$ 1,722,378	\$ 10,311,514
Construction	\$ 240,000	\$ 0	\$ 240,000
Professional Services	\$ 7,747,220	\$ 1,611,121	\$ 9,358,341
FF&E	\$ 0	\$ 0	\$ 0
Administrative Cost	\$ 36,500	\$ 0	\$ 36,500
BOR Directed Fees (1% Landscape Enhancements, 1% Public Art, and 2.4% FP&C Fee)	\$ 211,907	\$ 40,368	\$ 252,275
Contingency	\$ 353,509	\$ 70,889	\$ 424,398

## Recommendation

ITEM 4

- Authorize the chancellor or the chancellor's designee to:
  - (i) Approve expenditure of \$1,722,378 for a total of \$10,311,514 for the Clinical Sciences Building project, with an anticipated project budget of \$185,820,404.
  - (ii) Award a Construction Manager Agent ("CMA") Agreement.
- The total expenditure of \$10,311,514 which includes the previously approved \$8,589,136 will be funded through the Revenue Finance System ("RFS") repaid with Capital Construction Assistance Projects ("CCAP") Legislative Appropriation (\$59,897,111), gift funds, and institutional funds.

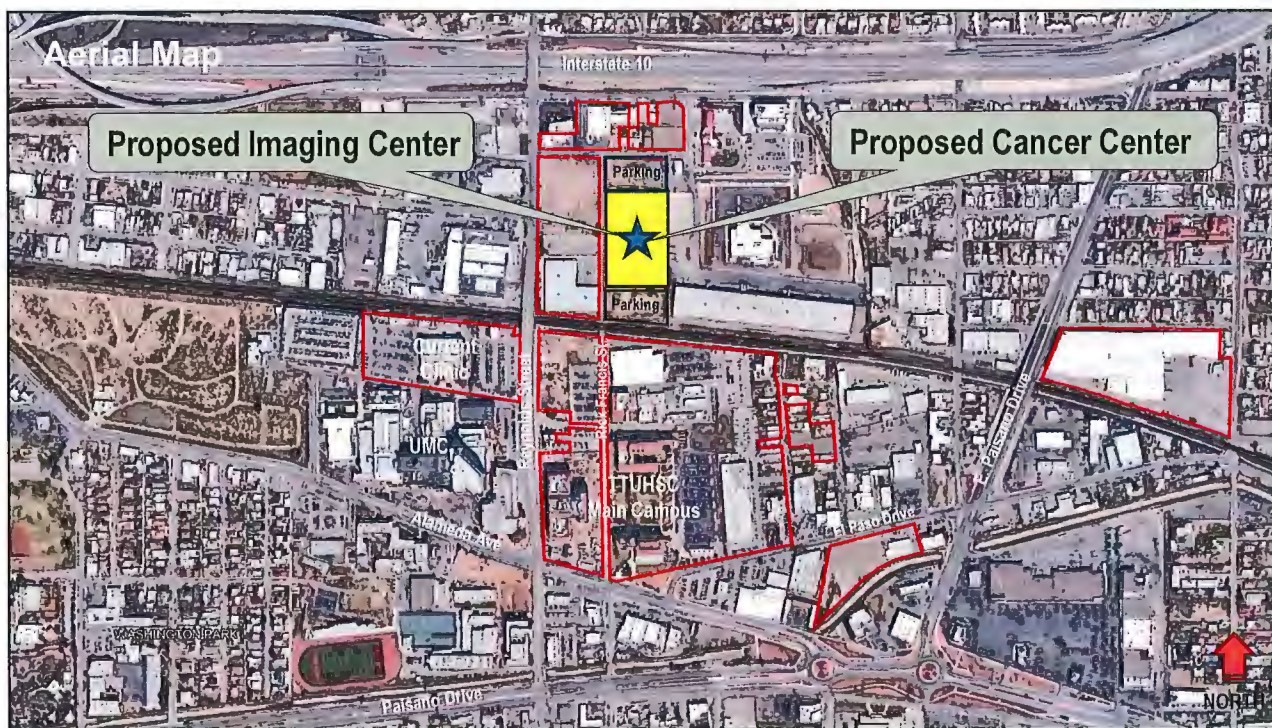


## Texas Tech University Health Sciences Center El Paso

ITEM 5

### Approve expenditure of the Comprehensive Cancer Center project for a Construction Manager Agent

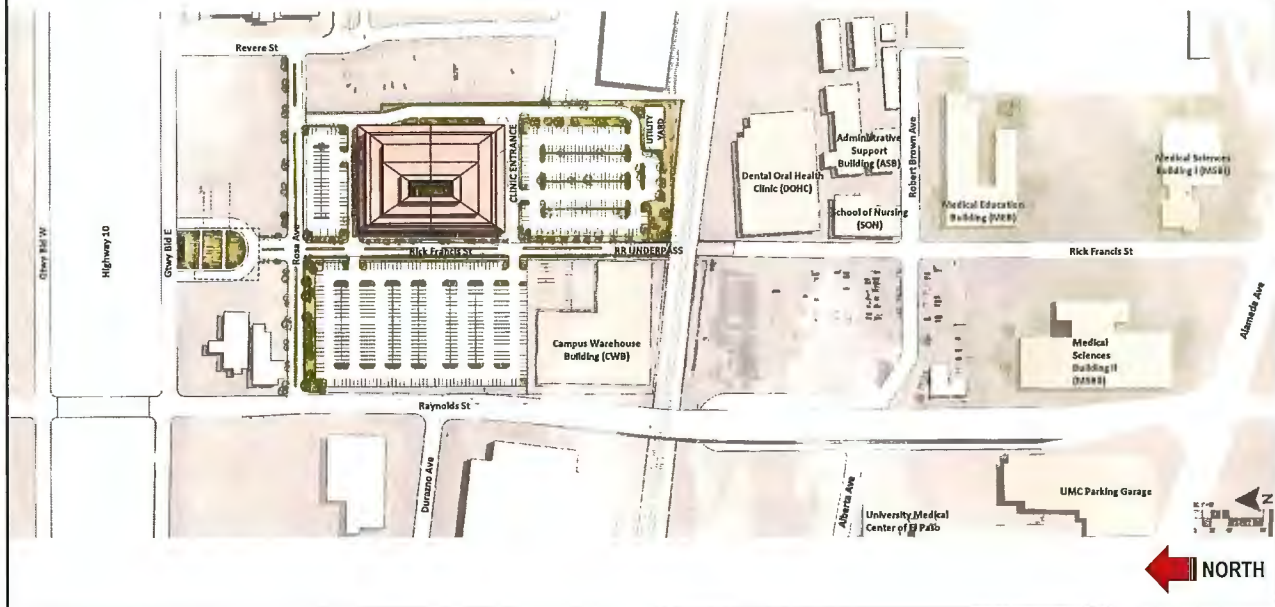
*Billy Breedlove*





## Conceptual Site Plan

TTUHSC  
EL PASO  
ITEM 5



## Concept Rendering – West Elevation

TTUHSC  
EL PASO  
ITEM 4



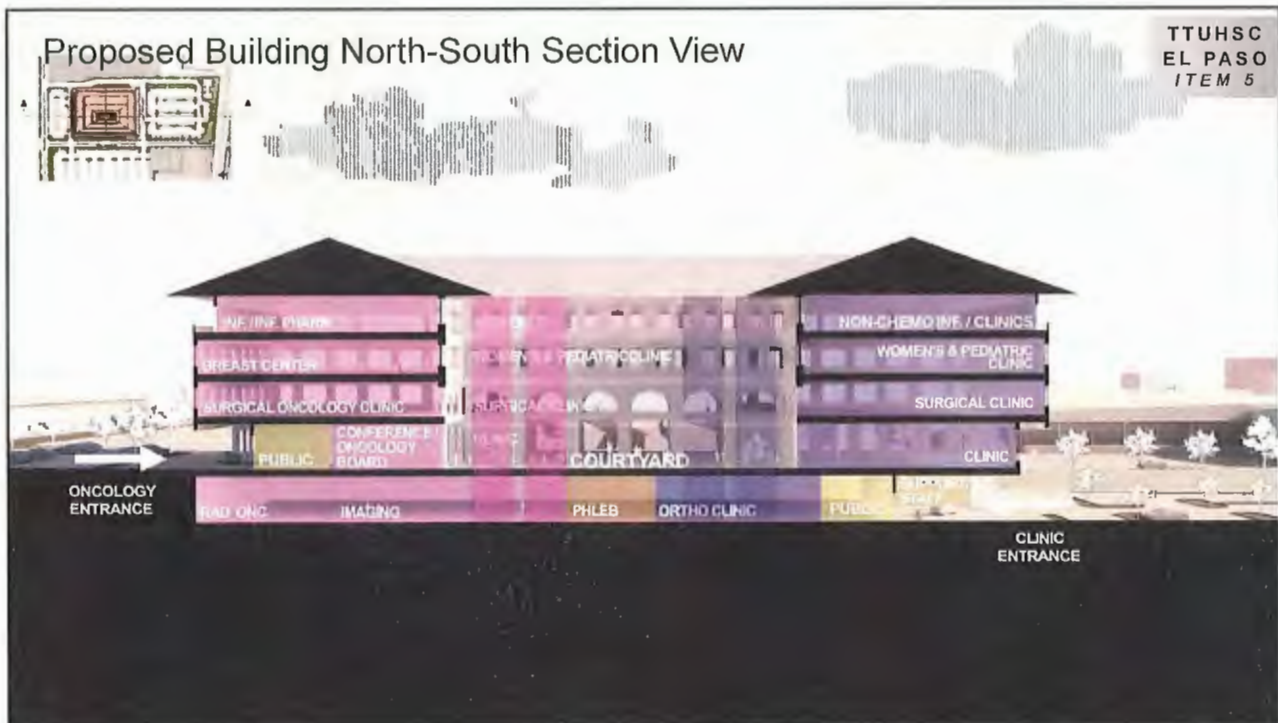
Concept Rendering – Northwest Perspective

TTUHSC  
EL PASO  
ITEM 5



Proposed Building North-South Section View

TTUHSC  
EL PASO  
ITEM 5

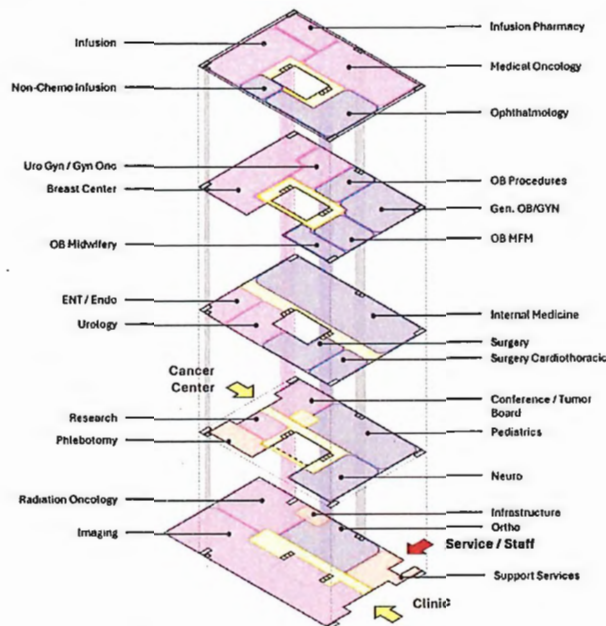


## Building Stacking Diagram

TTUHS  
EL PASO  
ITEM 5

### LEGEND

- Clinic
- Oncology
- Shared Services
- Public



## Scope of Services

TTUHS  
EL PASO  
ITEM 5

- Construction Manager Agent ("CMA") Agreement:
  - The CMA will provide condensed Pre-Construction Services for both projects assisting TTUS FP&C in supplemental design development reviews, GMP and construction cost evaluations, and construction schedule analysis.
  - The CMA will provide comprehensive on-site Construction Services for both projects, assisting TTUS FP&C in observing, examining, and assuring construction quality and monitoring construction schedule conformance.



## Project Overview

TTUHSC  
EL PASO  
ITEM 5

- Project will construct an approximate 122,000 GSF multi-story facility to ensure a comprehensive and patient-centered approach to cancer care. The proposed new facility will include:
  - Imaging center containing approximately 49,000 GSF. The new TTUHSC El Paso Clinical Sciences Building will share this imaging center, which will be constructed simultaneously with this facility.
    - Imaging center to contain approximately 31,000 GSF of imaging space, which will include various machines and diagnostic equipment, including Spect, Echo, Theranostics, CTs, X-rays, PETs, MRIs, Mammogram equipment, Radiology/Fluoroscopy equipment, Ultrasound equipment, and a host of other treatment and diagnostic equipment.
    - Approximately 18,000 GSF of the imaging center will be dedicated to clinical support space, which includes the common areas, clinical support, and spaces such as waiting rooms, nurse's stations, vital collection areas, doctor collaboration areas, and resident touchdown areas.

## Project Overview (cont.)

TTUHSC  
EL PASO  
ITEM 5

- An Oncology Center with approximately 73,000 GSF that includes:
  - A Medical Oncology Clinic providing approximately 13,600 GSF will house patient exam rooms, patient consultation rooms, patient procedure rooms, and support areas for clinical operations.
  - A Radiation Oncology Clinic with approximately 12,000 GSF includes patient exam rooms, dressing rooms, support areas, two linear accelerators, HDR, and a computer tomograph simulator.
  - An Infusion Clinic with approximately 11,700 GSF will include 25 infusion positions (including five shells), private patient rooms, consultation rooms, and support space for clinical operations.
  - The remaining 35,700 SF will include - Research/Clinical Trial space; Infusion Pharmacy; Resident touchdown space; Clinical support and non-assignable square footage for the administration; and common areas and building support spaces.

## Project Budget

TTUHSC  
EL PASO  
ITEM 5

	BOR Approved May 2024	Additional Request	Revised Budget
	\$ 7,257,028	\$ 1,129,242	\$ 8,386,270
Construction	\$ 240,000	\$ 0	\$ 240,000
Professional Services	\$ 6,503,658	\$ 1,056,298	\$ 7,559,956
FF&E	\$ 0	\$ 0	\$ 0
Administrative Cost	\$ 34,000	\$ 0	\$ 34,000
BOR Directed Fees (1% Landscape Enhancements, 1% Public Art, and 2.4% FP&C Fee)	\$ 180,686	\$ 26,467	\$ 207,153
Contingency	\$ 298,684	\$ 46,477	\$ 345,161

## Recommendation

ITEM 5

- Authorize the chancellor or the chancellor's designee to
  - (i) Approve expenditure of \$1,129,242 for a total of \$8,386,270 for the Comprehensive Cancer Center project, with an anticipated project budget of \$122,152,715.
  - (ii) Award a Construction Manager Agent ("CMA") Agreement.
- The total expenditures of \$8,386,270 which includes the previously approved \$7,257,028 will be funded through the Revenue Finance System ("RFS"), repaid with Legislative Appropriation from the 88<sup>th</sup> Texas Legislative Regular Session (\$65,000,000 of general revenue), gift funds, and institutional funds.





Texas Tech University System

ITEM 6

## Report on Facilities Planning and Construction projects (project data as of 10/29/2024)

*Billy Breedlove*



### MSU Bolin Hall Renovation and Expansion

Current Budget: \$ 43,358,000

Gross Square Feet: 93,494 GSF Renovation  
7,500 GSF Addition

Team / Status:

- Design Build Team:
  - Design Professional – Corgan @ 79%
  - Contractor – Whiting-Turner Contracting Co. @ 33%
- Construction Manager Agent (CMA): Prolego @ 34%
- Public Art: Adam Frank

Substantial Completion Date:

Phase I – January 2025  
Phase II – August 2025

Actual Date – TBD









## MSU Bolin Hall Renovation and Expansion

Construction Delivery: DB

	BOR Appr (Full) 11/2023   55,000 GSF Reno 7,500 GSF New B	Previous Budget As Of 8/2024   55,000 GSF Reno 7,500 GSF New C	Current Budget As Of 10/29/2024   55,000 GSF Reno 7,500 GSF New D	+ / (-) Change D-C	NOTES
BUDGET	\$ 43,356,000	\$ 43,356,000	\$ 43,356,000	\$ -	
CATEGORY					
Construction	\$ 34,230,150	\$ 34,272,650	\$ 34,272,650	\$ -	
Professional Services	\$ 4,325,938	\$ 4,313,438	\$ 4,313,438	\$ -	
FF&E	\$ 2,340,601	\$ 2,340,601	\$ 2,340,601	\$ -	
Administrative	\$ 377,027	\$ 442,027	\$ 442,027	\$ -	
Project Contingency	\$ 686,129	\$ 588,629	\$ 588,629	\$ -	
Regents' Rules	\$ 1,396,155	\$ 1,398,655	\$ 1,398,655	\$ -	
TOTAL	\$ 43,356,000	\$ 43,356,000	\$ 43,356,000	\$ -	

### PARTNERS

Construction Manager	Whiting-Turner Contracting Co.
Design Professional	Corgan
CM Agent	Prolego
Tier 2 Auditor	CBIZ

## ASU Aviation Program Training Facility

Current Budget: \$ 8,822,039

Gross Square Feet: 14,450 GSF

Team / Status:

- Design Professional:  
KFW Architects AIA @ 89%
- Construction Manager At Risk (CMAR):  
Hoar Construction @ 48%
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

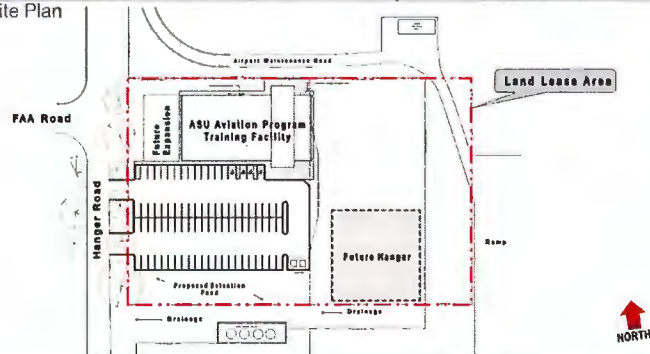
Substantial Completion:

Original Date: January 2025

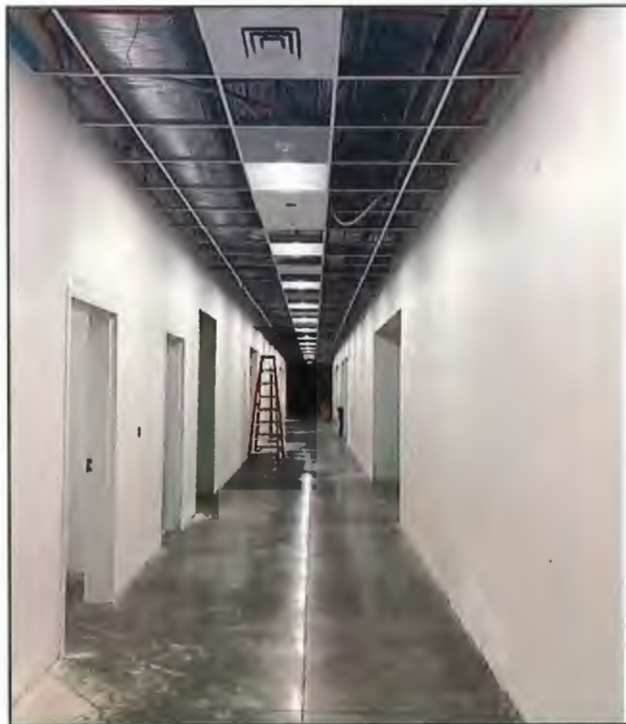
Actual Date: TBD



Site Plan









## ASU Aviation Program Training Facility

Construction Delivery: CMAR

	BOR Appr (Full) 11/2023   14,450 GSF	Previous Budget As Of 8/2024   14,450 GSF	Current Budget As Of 10/29/2024   14,450 GSF	+ / (-) Change	NOTES
	B	C	D	D-C	
BUDGET	\$ 8,622,039	\$ 8,622,039	\$ 8,622,039	\$ -	
CATEGORY					
Construction	\$ 7,339,375	\$ 7,424,375	\$ 7,424,375	\$ -	
Professional Services	\$ 599,792	\$ 599,792	\$ 599,792	\$ -	
FF&E	\$ 294,456	\$ 294,456	\$ 294,456	\$ -	
Administrative	\$ 22,086	\$ 22,086	\$ 22,086	\$ -	
Project Contingency	\$ 164,251	\$ 79,251	\$ 79,251	\$ -	
Regents' Rules	\$ 202,079	\$ 202,079	\$ 202,079	\$ -	
TOTAL	\$ 8,622,039	\$ 8,622,039	\$ 8,622,039	\$ -	

### PARTNERS

Construction Manager Hoar Construction  
Design Professional KFW Architects, AIA  
CM Agent Waived  
Tier 2 Auditor Townsend



## ASU Concho Hall Demolition

Current Budget: \$ 6,360,000

Gross Square Feet: 103,863 GSF

Team / Status:

- Design Professional:  
R2M Engineering @ 94%
- Construction Manager At Risk (CMAR):  
Collier Construction @ 82%
- Construction Manager Agent (CMA):  
Waived
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion:

Original Date: November 2024

Actual Date: TBD



## ASU Concho Hall Demolition

Construction Delivery: CMAR

	BOR Appr 2/2024   103,883 GSF	Previous Budget As Of 8/2024   103,883 GSF	Current Budget As Of 10/29/2024   103,883 GSF	+ / (-) Change	NOTES
	B	C	D	D-C	
BUDGET	\$ 6,360,000	\$ 6,360,000	\$ 6,360,000	\$ -	
CATEGORY					
Construction	\$ 5,660,731	\$ 5,660,731	\$ 5,660,731	\$ -	
Professional Services	\$ 470,215	\$ 470,215	\$ 470,215	\$ -	
FF&E	\$ -	\$ -	\$ -	\$ -	
Administrative	\$ 30,000	\$ 30,000	\$ 30,000	\$ -	
Project Contingency	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	
Regents' Rules	\$ 149,054	\$ 149,054	\$ 149,054	\$ -	
TOTAL	\$ 6,360,000	\$ 6,360,000	\$ 6,360,000	\$ -	

### PARTNERS

Construction Manager	Collier Construction
Design Professional	R2M
CM Agent	Waived
Tier 2 Auditor	Waived

## ASU Elta Joyce Murphey Auditorium Renovation

Current Budget: \$ 8,957,200

Gross Square Feet: 8,205 GSF

### Team / Status:

- Design Professional:  
PBK Architects @ 83%
- Construction Manager At Risk (CMAR):  
Western Builders @ 33%
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

### Substantial Completion:

Original Date: September 2024

Actual Date: TBD







## ASU Elta Joyce Murphey Auditorium Renovation

Construction Delivery: CMAR

	BOR Appr (Full) 8/11/2023   5,679 GSF	Previous Budget As Of 8/2024   8,205 GSF	Current Budget As Of 10/29/2024   8,205 GSF	+ / (-) Change D - C	NOTES
	B	B	D		
BUDGET	\$ 6,000,000	\$ 8,957,200	\$ 8,957,200	\$ -	
CATEGORY					
Construction	\$ 5,019,500	\$ 7,909,196	\$ 7,909,196	\$ -	
Professional Services	\$ 625,796	\$ 625,796	\$ 625,796	\$ -	
FF&E	\$ 104,649	\$ 104,649	\$ 104,649	\$ -	
Administrative	\$ 27,905	\$ 27,905	\$ 27,905	\$ -	
Project Contingency	\$ 81,534	\$ 79,729	\$ 79,729	\$ -	
Regents' Rules	\$ 140,616	\$ 209,925	\$ 209,925	\$ -	
TOTAL	\$ 6,000,000	\$ 8,957,200	\$ 8,957,200	\$ -	

**PARTNERS**  
Construction Manager Western Builders  
Design Professional PBK Architects  
CM Agent Waived  
Tier 2 Auditor Waived

# ASU Central Plant Renovation and Addition(CCAP)

Current Budget: \$ 36,000,000

Gross Square Feet: N/A

Team / Status:

- Design Build Team:
  - Design Professional - Sims Architects, Inc @ 62%.
  - Contractor - Western Builders of Amarillo, Inc. @ 2%
- Construction Manager Agent (CMA):
  - Timshel Global Services @ 0%
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion:

Original Date: October 2025

Actual Date: TBD





## ASU Central Plant Renovation and Addition(CCAP)

Construction Delivery: DB

	BOR Appr (Full) 11/2023   N/A GSF	Previous Budget As Of 8/2024   N/A GSF	Current Budget As Of 10/29/2024   N/A GSF	+/(-) Change	
	B	C	D	D-C	NOTES
BUDGET	\$ 36,000,000	\$ 36,000,000	\$ 36,000,000	\$ -	
CATEGORY					
Construction	\$ 32,025,732	\$ 32,025,732	\$ 32,056,584	\$ 30,852	Boiler Repairs
Professional Services	\$ 2,886,620	\$ 2,886,620	\$ 2,886,620	\$ -	
FF&E	\$ 8,500	\$ 8,500	\$ 8,500	\$ -	
Administrative	\$ 87,150	\$ 87,150	\$ 87,150	\$ -	
Project Contingency	\$ 148,249	\$ 148,249	\$ 117,397	\$ (30,852)	Boiler Repairs
Regents' Rules	\$ 843,749	\$ 843,749	\$ 843,749	\$ -	
TOTAL	\$ 36,000,000	\$ 36,000,000	\$ 36,000,000	\$ -	

### PARTNERS

Construction Manager	Western Builders of Amarillo
Design Professional	Sims Architects, Inc.
CM Agent	Timshel Global Services
Tier 2 Auditor	Fort Hill

## ASU Mayer Museum Expansion

Current Budget: \$ 7,927,007

Gross Square Feet: 7,200 GSF

### Team / Status:

- Design Professional: (Contracted with ASU)  
KFW Architects AIA
- Competitive Sealed Proposal (CSP):  
Waldrop Construction @ 6 %
- Construction Manager Agent (CMA): N/A
- Landscape Enhancement: Waived
- Public Art: Waived

### Substantial Completion:

Original Date: October 2025

Actual Date: TBD





## ASU Mayer Museum Expansion

Construction Delivery: CSP

	BOR Appr (Full) 5/2024   4,500 GSF	Previous Budget As Of 8/2024   4,450 GSF	Current Budget As Of 10/29/2024   4,450 GSF	+ / (-) Change	
	B	C	D	D-C	NOTES
BUDGET	\$ 4,500,586	\$ 4,500,586	\$ 7,927,007	\$ 3,426,421	Increase was for the BOR approved west side expansion additional scope of work.
CATEGORY					
Construction	\$ 4,011,326	\$ 3,975,500	\$ 6,583,710	\$ 2,608,210	
Professional Services	\$ 186,580	\$ 186,580	\$ 475,825	\$ 289,245	
FF&E	\$ 90,000	\$ 125,826	\$ 357,243	\$ 231,417	
Administrative	\$ -	\$ -	\$ 15,953	\$ 15,953	
Project Contingency	\$ 107,198	\$ 107,198	\$ 308,487	\$ 201,289	
Regents' Rules	\$ 105,482	\$ 105,482	\$ 185,789	\$ 80,307	
TOTAL	\$ 4,500,586	\$ 4,500,586	\$ 7,927,007	\$ 3,426,421	

### PARTNERS

Construction Manager Waldrop Construction  
Design Professional KFW Architects AIA  
CM Agent N/A  
Tier 2 Auditor Waived



## TTUHSC Preston Smith Library 3<sup>rd</sup> Floor Renovation

Current Budget: \$ 7,000,000

Gross Square Feet: 26,227 GSF

Team / Status:

- Design Professional (Contracted with TTUHSC):  
Page Southerland Page, Inc.  
Fanning, Fanning & Assoc., Inc.
- Competitive Sealed Proposal (CSP)  
J.T. Vaughn Construction, LLC @ 92%
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion:

Original Date: August 2024

Actual Date: August 22, 2024



## TTUHSC Preston Smith Library 3<sup>rd</sup> Floor Renovation

Construction Delivery: CSP

	BOR Appr (Full) 11/2023   29,837	Previous Budget As Of 8/2024   29,837	Current Budget As Of 10/29/2024   29,837	+ / (-) Change	
	B	C	D	D-C	NOTES
BUDGET	\$ 7,000,000	\$ 7,000,000	\$ 7,000,000	\$ -	
CATEGORY					
Construction	\$ 4,852,590	\$ 4,852,590	\$ 4,852,590	\$ -	
Professional Services	\$ 544,563	\$ 544,563	\$ 544,563	\$ -	
FF&E	\$ 1,136,599	\$ 1,136,599	\$ 1,036,599	\$ (100,000)	Fund HSC support work.
Administrative	\$ 200,118	\$ 200,118	\$ 300,118	\$ 100,000	
Project Contingency	\$ 102,068	\$ 102,068	\$ 102,068	\$ -	
Regents' Rules	\$ 164,062	\$ 164,062	\$ 164,062	\$ -	
TOTAL	\$ 7,000,000	\$ 7,000,000	\$ 7,000,000	\$ -	

### PARTNERS

Construction Manager JT Vaughn Construction  
Design Professional Page Southerland Page, Inc.  
(Contracted with TTUHSC) Fanning, Fanning & Assoc. Inc.  
CM Agent Waived  
Tier 2 Auditor Waived

## TTUHSC Lubbock Laboratory Animal Resource Center Expansion (LARC)

Current Budget: \$ 15,000,000

Gross Square Feet: 14,066 GSF

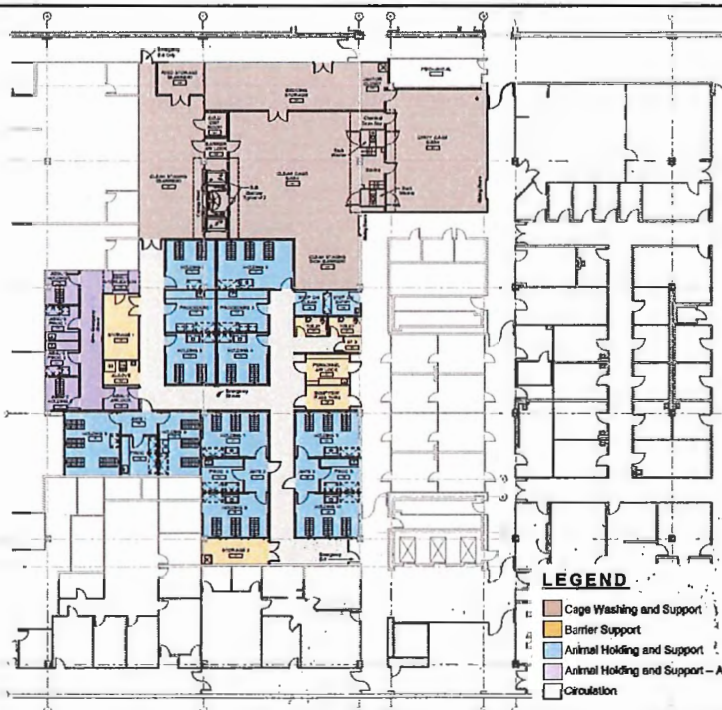
### Team / Status:

- Design Professional:  
Sims Architects, Inc. @ 86%
- Construction Manager At Risk (CMAR):  
Western Builders of Amarillo, Inc. @ 47%
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

### Substantial Completion Date:

Original Date: March 2025

Actual Date: TBD







## TTUHSC Laboratory Animal Resource Center Expansion (LARC)

Construction Delivery: CSP

	BOR Appr (Full) 2/2024   14,066	Previous Budget As Of 8/2024   14,066	Current Budget As Of 10/29/2024   14,066	+ / (-) Change	
	B	C	D	D-C	NOTES
BUDGET	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ -	
CATEGORY					
Construction	\$ 9,879,350	\$ 9,879,350	\$ 9,879,350	\$ -	
Professional Services	\$ 1,128,080	\$ 1,128,080	\$ 1,128,080	\$ -	
FF&E	\$ 3,129,300	\$ 3,129,300	\$ 3,129,300	\$ -	
Administrative	\$ 318,081	\$ 391,431	\$ 391,431	\$ -	
Project Contingency	\$ 193,627	\$ 120,277	\$ 120,277	\$ -	
Regents' Rules	\$ 351,562	\$ 351,562	\$ 351,562	\$ -	
TOTAL	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ -	

### PARTNERS

Construction Manager	Western Builders of Amarillo, Inc.
Design Professional	Sims Architects, Inc.
CM Agent	Walved
Tier 2 Auditor	Fort Hill

## Texas Tech University System

ITEM 6

### Projects – In Design

#### TTU NRHC The Red Steagall Institute

Status: Stage I Design

Current Budget: \$ 514,218

Projected Budget: \$ 28,000,000

Gross Square Feet: 30,548 GSF

Team / Status:

- Design Professional:  
DLR Group Group
- Construction Manager At Risk (CMAR):  
TBD
- Construction Manager Agent (CMA):  
TBD
- Landscape Enhancement: TBD
- Public Art: TBD

Substantial Completion Date:

Original Date: TBD

Actual Date: TBD





## TTUHSC Lubbock 5B West Research Lab Renovations

**Status:** Stage II Design / Pre-Con

**Current Budget:** \$ 1,211,528

**Projected Budget:** \$ 11,000,000

**Gross Square Feet:** 14,233 GSF

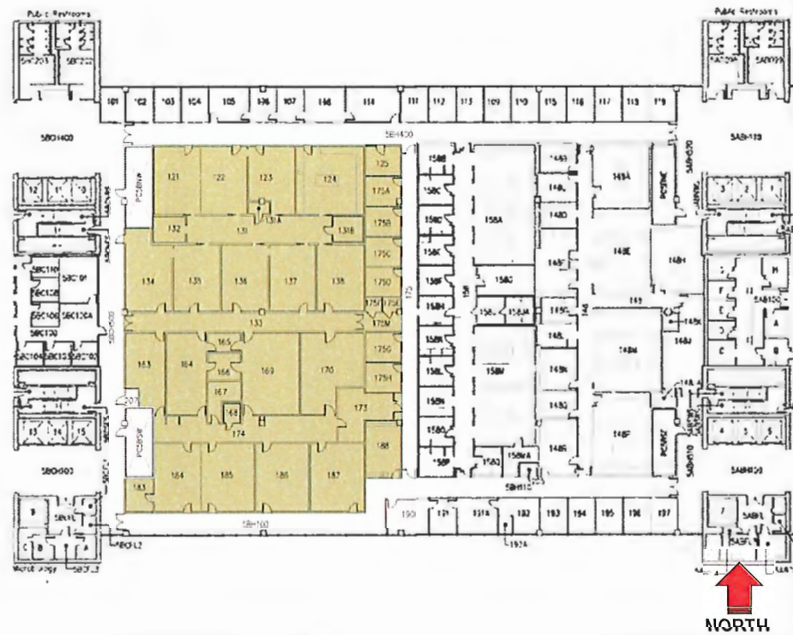
**Team / Status:**

- Design Professional:  
Sims Architects, Inc.
- Construction Manager At Risk (CMAR):  
Western Builders of Amarillo, Inc.
- Construction Manager Agent (CMA):  
TBD
- Landscape Enhancement: TBD
- Public Art: TBD

**Substantial Completion Date:**

Original Date: TBD

Actual Date: TBD



## TTUHSC Midland PA New Addition (CCAP)

**Status:** New Building/Renovation - Stage II Design  
Road – Substantially Complete

**Current Budget:** \$ 3,825,000

**Projected Budget:** \$ 18,700,000

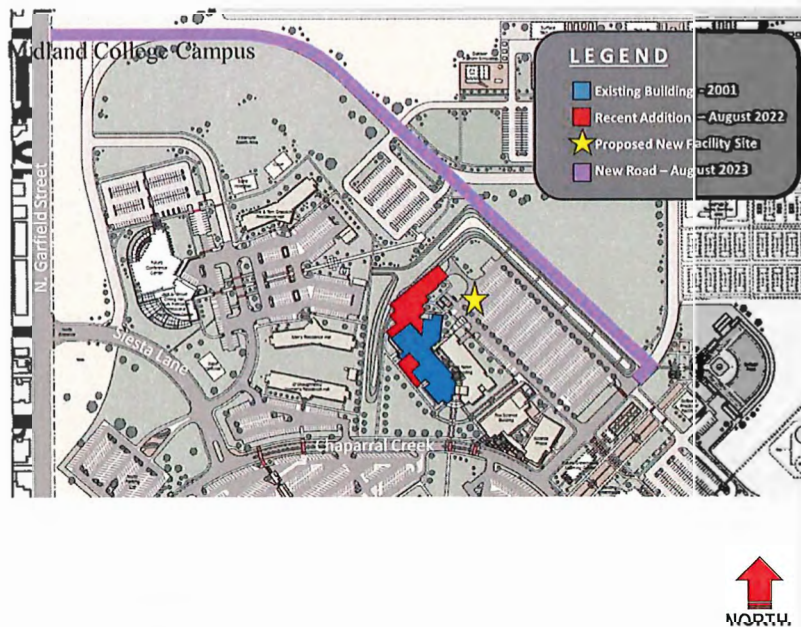
**Team / Status:**

- Design Professional:  
Parkhill
- Construction Manager At Risk (CMAR):  
TBD
- Construction Manager Agent (CMA):  
Project Controls
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

Original Date – TBD

Actual Date – TBD





## TTUHSC El Paso Clinical Sciences Building (CCAP)

**Status:** Stage II Design / Pre-Con

**Current Budget:** \$ 8,589,136

**Projected Budget:** \$ 185,820,404

**Gross Square Feet (approx.):** 234,000 GSF

**Team / Status:**

- Design Professional:  
HDR
- Construction Manager At Risk (CMAR):  
Hensel Phelps
- Construction Manager Agent (CMA):  
TBD
- Landscape Enhancement: TBD
- Public Art: TBD

**Substantial Completion Date:**

Original Date – TBD

Actual Date – TBD





## TTUHSC El Paso Comprehensive Cancer Center

Status: Stage II Design / Pre-Con

Current Budget: \$ 7,257,028

Projected Budget: \$ 122,152,715

Gross Square Feet (approx.): 122,000 GSF

Team / Status:

- Design Professional:  
HDR
- Construction Manager At Risk (CMAR):  
Hensel Phelps
- Construction Manager Agent (CMA):  
TBD
- Landscape Enhancement: TBD
- Public Art: TBD

Substantial Completion Date:

Original Date – TBD

Actual Date – TBD



## TTU Wildlife Disease and Deer Research Facility And Llano River Conservation Center (CCAP)

Status: Stage II Design / Pre-Con

Current Budget: \$ 773,654

Projected Budget: \$ 6,400,000

Gross Square Feet: 8,347 GSF

Team / Status:

- Design Professional:  
Huckabee & Associates
- Construction Manager At Risk (CMAR):  
Guido Construction
- Construction Manager Agent (CMA):  
N/A
- Landscape Enhancement: TBD
- Public Art: TBD

Substantial Completion Date:

Original Date – TBD

Actual Date – TBD



## MSU Student Success And Military Education Center

Status: Stage I Design

Current Budget: \$ 99,725

Projected Budget: \$ 4,000,000

Gross Square Feet: 17,345 GSF

Team / Status:

- Design Professional:  
BYSP architects
- Competitive Sealed Proposal (CSP):  
TBD
- Construction Manager Agent (CMA):  
N/A
- Landscape Enhancement: TBD
- Public Art: TBD

Substantial Completion Date:

Original Date – TBD

Actual Date – TBD



## TTU Huckabee College of Architecture

Status: Stage I Design (On Hold)

Current Budget: \$ 49,000

Projected Budget: \$ 30,000,000

Gross Square Feet: 154,408 GSF

Team / Status:

- Design Professional:  
Huckabee & Associates
- Construction Manager At Risk (CMAR):  
TBD
- Construction Manager Agent (CMA):  
TBD
- Landscape Enhancement: TBD
- Public Art: TBD

Substantial Completion Date:

Original Date – TBD

Actual Date – TBD



Texas Tech University

ITEM 6

## Projects Managed by TTU Operations

### TTU Biology Building Renovation (CCAP)

Current Budget: \$8,399,000

Gross Square Feet: 144,940 GSF

Team / Status:

- Replace Plumbing/Hot Water System \$1,500,000  
Design Professional: Jacobs, Inc.  
Contractor: Armstrong Plumbing (in construction)
- Renovate Restrooms for ADA \$1,000,000  
Design Professional: Huckabee  
Contractor: Henthom Construction (in construction)
- ADA/Life Safety Renovations \$500,000  
Design Professional: Huckabee/Operations  
Contractor: Henthom (in construction)
- Renovate Classrooms and Class Labs \$3,399,000  
Design Professional: Operations/Huckabee  
Contractor: Western Builders (in construction)
- Renovate Lecture Hall 100 \$2,000,000  
Design Professional: Huckabee  
Contractor: Collier Construction (in construction)





## TTU Science Building Renovation(CCAP)

Current Budget: \$ 16,161,000

Gross Square Feet: 109,343 GSF

Team / Status:

- HVAC and Building Controls Upgrade \$2,000,000  
Design Professional: TBD  
Contractor: TBD
- Abate and Replace flooring \$300,000  
Design Professional: TBD  
Contractor: TBD
- Exterior Building Repairs \$1,000,000  
Design Professional: TBD  
Contractor: TBD
- Renovate Machine and Technology Shops \$2,000,000  
Design Professional: TBD  
Contractor: TBD
- Renovate Classrooms and Class Labs \$4,000,000  
Design Professional: HDR, Inc. (in design)  
Contractor: TBD
- Elevator and Machine Room Upgrades \$700,000  
Design Professional: TBD  
Contractor: TBD
- Electrical Upgrades and Emergency Generator \$700,000  
Design Professional: TBD  
Contractor: TBD
- Life Safety and Accessibility Upgrades \$5,461,000  
Design Professional: TBD  
Contractor: TBD



## TTU Experimental Sciences Building Controls (CCAP)

Current Budget: \$ 4,350,000

Gross Square Feet: 113,304 GSF

Team / Status:

- Building Controls Replacement \$4,000,000  
Design Professional: Fanning, Fanning & Assoc.  
Contractor: Anthony Mechanical and Control Technologies, Inc.  
(in construction)
- Switchgear Modification \$350,000  
Design Professional: Operations Division  
Contractor: Operations/Control Technologies, Inc. (complete)





## TTU Chemistry Building (CCAP)

Current Budget: \$ 11,274,100

Gross Square Feet: 177,142 GSF

Team / Status:

- Abate and Replace Flooring Tile \$1,500,000  
Design Professional: TBD  
Contractor: TBD
- Repair and replace HVAC System Components and Building Controls \$1,274,100  
Design Professional: TBD  
Contractor: TBD
- Renovate Restrooms for ADA/code Compliance \$1,000,000  
Design Professional: TBD  
Contractor: TBD
- Replace Ceiling and Lighting Systems \$1,300,000  
Design Professional: TBD  
Contractor: TBD
- Renovate Class Labs \$3,500,000  
Design Professional: TBD  
Contractor: TBD
- Renovate Classrooms \$700,000  
Design Professional: TBD  
Contractor: TBD
- HVAC Renovation to Reduce Negative Pressure throughout the Building \$1,000,000  
Design Professional: Fanning, Fanning & Assoc. Inc.  
Contractor: Western Builders (in pricing)
- Replace Freight Elevator \$1,000,000  
Contractor: Elevated, Inc.(complete)



## TTU Holden Hall (CCAP)

Current Budget: \$ 10,782,344

Gross Square Feet: 171,846 GSF

Team / Status:

- Life Safety Upgrades \$5,000,000  
Design Professional: TBD  
Contractor: TBD
- Accessibility Upgrades \$82,344  
Design Professional: TBD  
Contractor: TBD
- Infrastructure Repairs/Upgrades for Code Compliance \$2,250,000  
Design Professional: TBD  
Contractor: TBD
- Renovate Restrooms \$2,250,000  
Design Professional: TBD  
Contractor: TBD
- Upgrades for Replacement Emergency Generator \$200,000  
Design Professional: TBD  
Contractor: TBD
- HVAC Upgrade and Recommission \$1,000,000  
Design Professional: TBD  
Contractor: TBD



Texas Tech University System

ITEM 6

## Status of Public Art

### TTU Centennial Public Art *100 Reflections*

**Art Budget:** \$285,000

**Artist:** Randy Walker  
Minneapolis, MN

**Title:** *100 Reflections*

**Status:** Installed October 19, 2024

**Artist Statement:** *100 Reflections* celebrates Texas Tech at 100 years. It is both one and many; singular and open-ended. Like the university itself, there are many ways of experiencing it: from up close and from a distance, grounded and reaching for the sky. The flat Double T has been transformed from a flat graphic to an environment, constantly shifting with changing light and the generations of students who come to view it.



## MSU Bolin Hall Renovation and Expansion

**Art Budget:** \$368,000

**Artist:** Adam Frank  
New York City, NY

**Title:** *LOCUS (tentative)*

**Status:** July 2025 installation

**Artist Statement:** *LOCUS* will welcome all to Bolin Hall with an innovative, dynamic, uplifting work of light. The installation will greet students and faculty with a hyper realistic, dynamic, real-time sky mural embedded in the lobby wall.

The artist will install a large LED display behind a half-mirrored glass curtain wall in the new lobby. This will optically combine the celestial bodies of the sky simulation with the reflection of the actual space.

The dynamic clouds, sun, moon and stars will seem to be located inside Bolin Hall





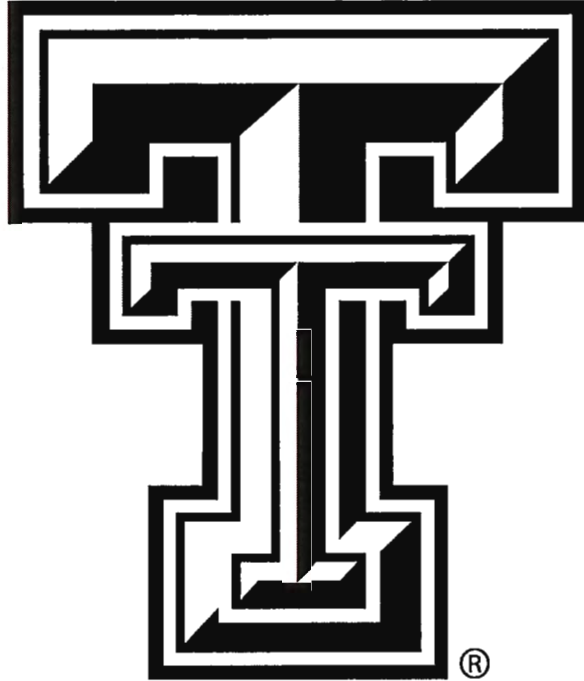
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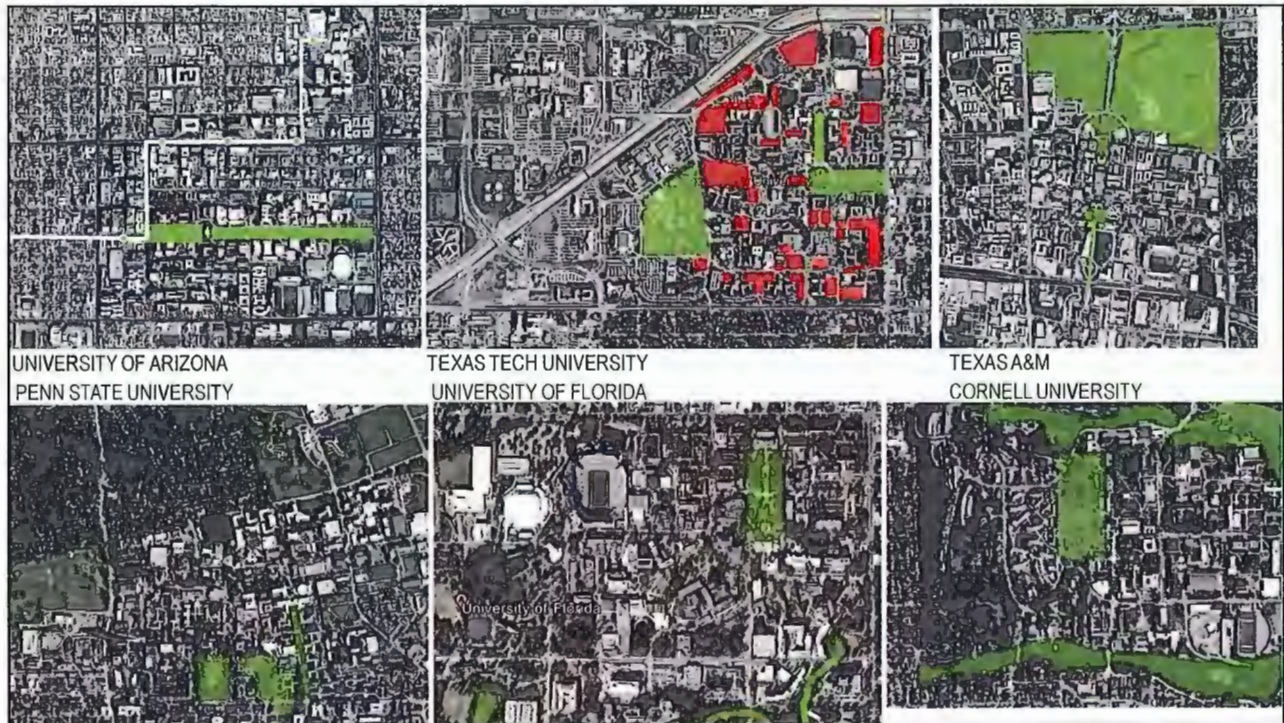




**Strategic Alignment**  
**Draft Direction**

## **AAU aspirations**

**AAU members should be comprehensive universities distinguished by the disciplinary breadth and quality of their programs of graduate education and research**





The image is a composite of three parts. The left side features a large satellite map of the Texas Tech New Deal Farm (Bos) area, showing a grid of agricultural fields and a winding river. A small inset map in the top right corner of this section shows the location of the farm within Texas. The top right corner contains a topographic map of Texas, highlighting the Llano Estacado region and the Edwards Plateau. The bottom right corner displays a wind direction chart for Lubbock in 2003, with a red box highlighting the data for the month of July.

**Original 1924 campus plan**  
North-south idea

This diagram illustrates the original 1924 campus plan, emphasizing a north-south layout. A prominent green vertical corridor runs through the center of the plan, likely representing a main axis or a greenway. To the left of this corridor, there is a large, irregularly shaped area that appears to be a field or a large lawn. To the right, a series of rectangular blocks are arranged in a grid-like fashion, suggesting building footprints or parking lots. A dashed line runs diagonally across the upper left portion of the plan, possibly indicating a road or a boundary. The overall design suggests a structured, organized campus layout.





## CoMap (~1,700 respondents)

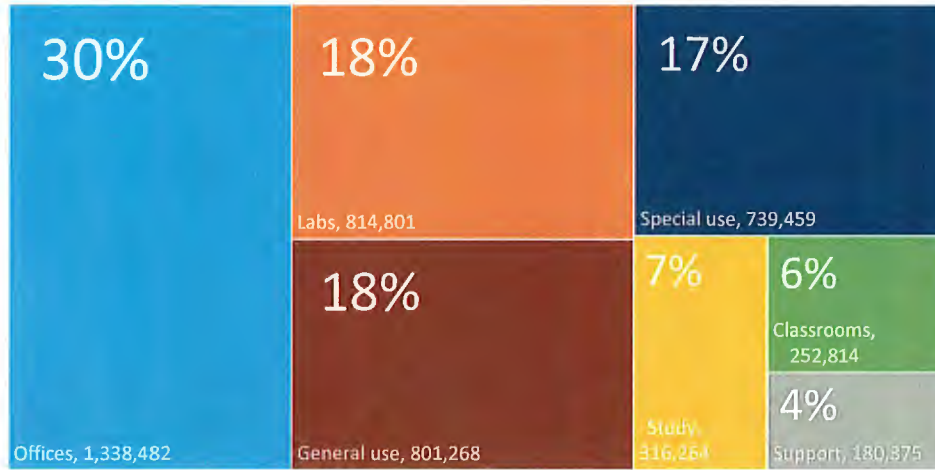
### Walking



### Socializing



## Space

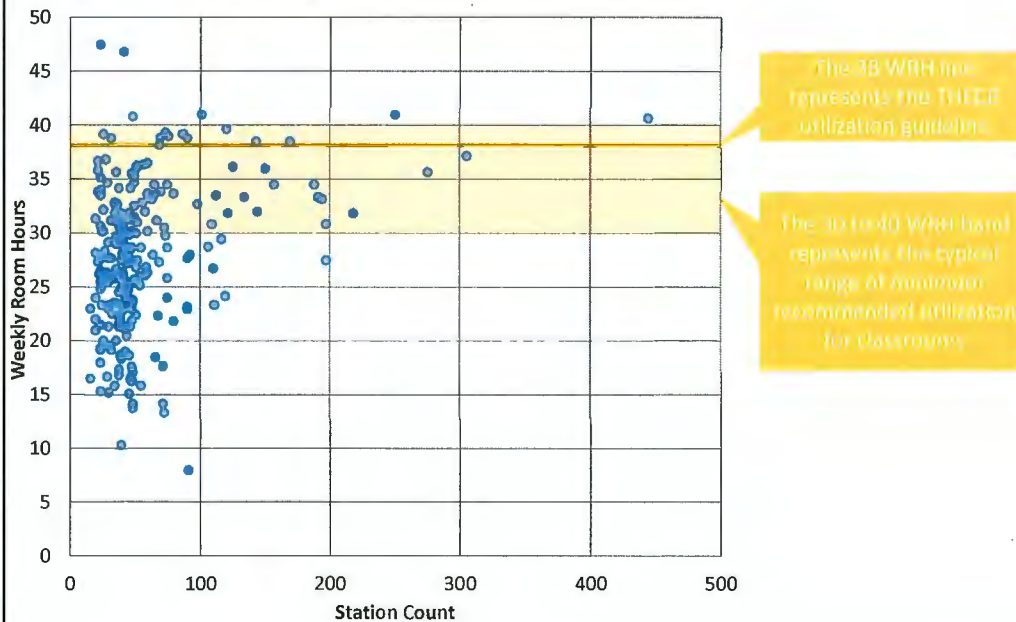


Note: Special use consists of vivaria, armory, clinic, demonstration, greenhouse, and media production spaces. General use consists of assembly, day care (which supports an academic use), exhibition, food service, lounge, meeting, merchandising, and recreation spaces.

Assignable spaces by type, TTU Lubbock Campus (LBB01)

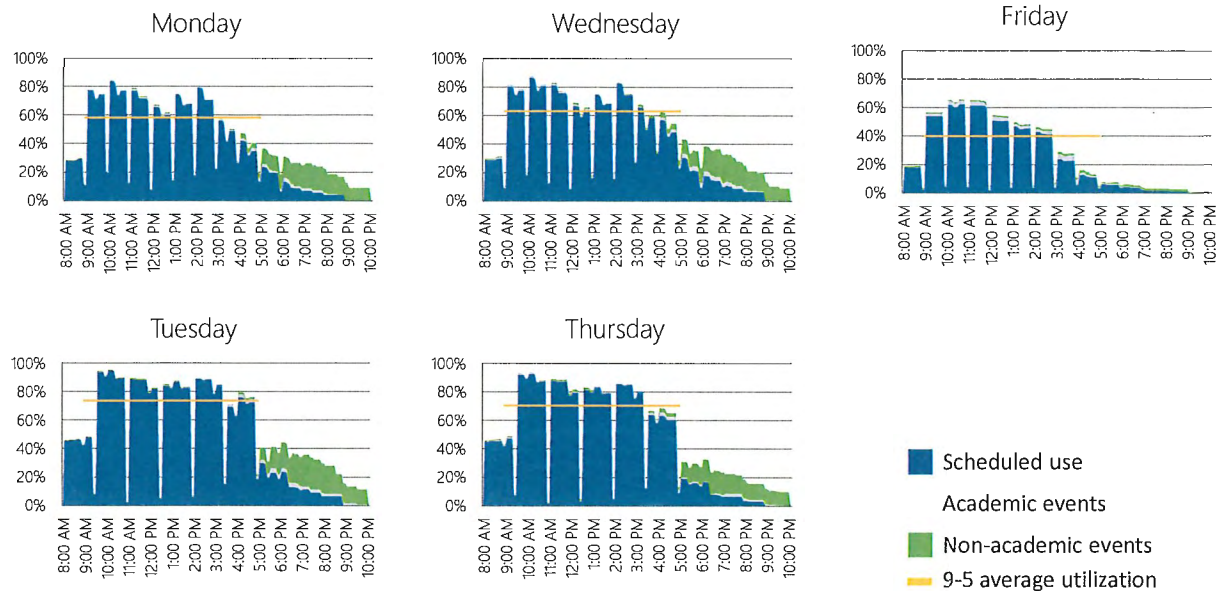
Total: 4.44 million ASF (excludes 1.19 million residential ASF and 2.63 million unassignable area)

## Classroom use



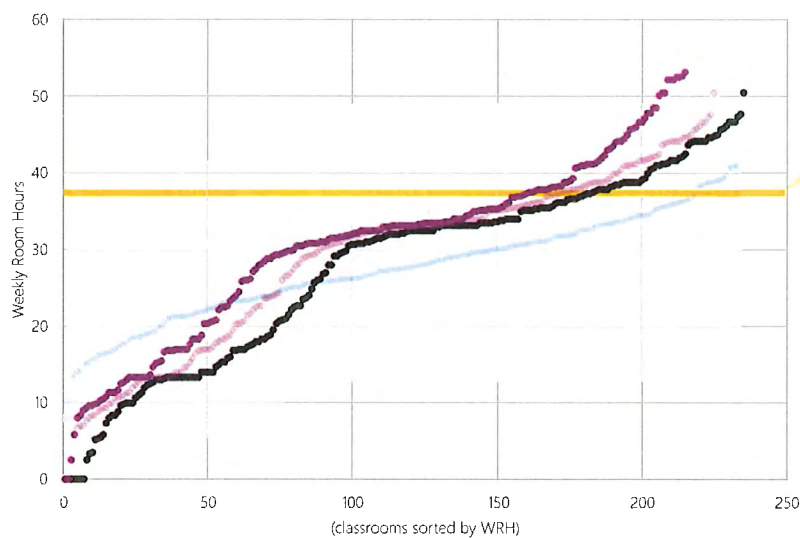


## Classroom histograms



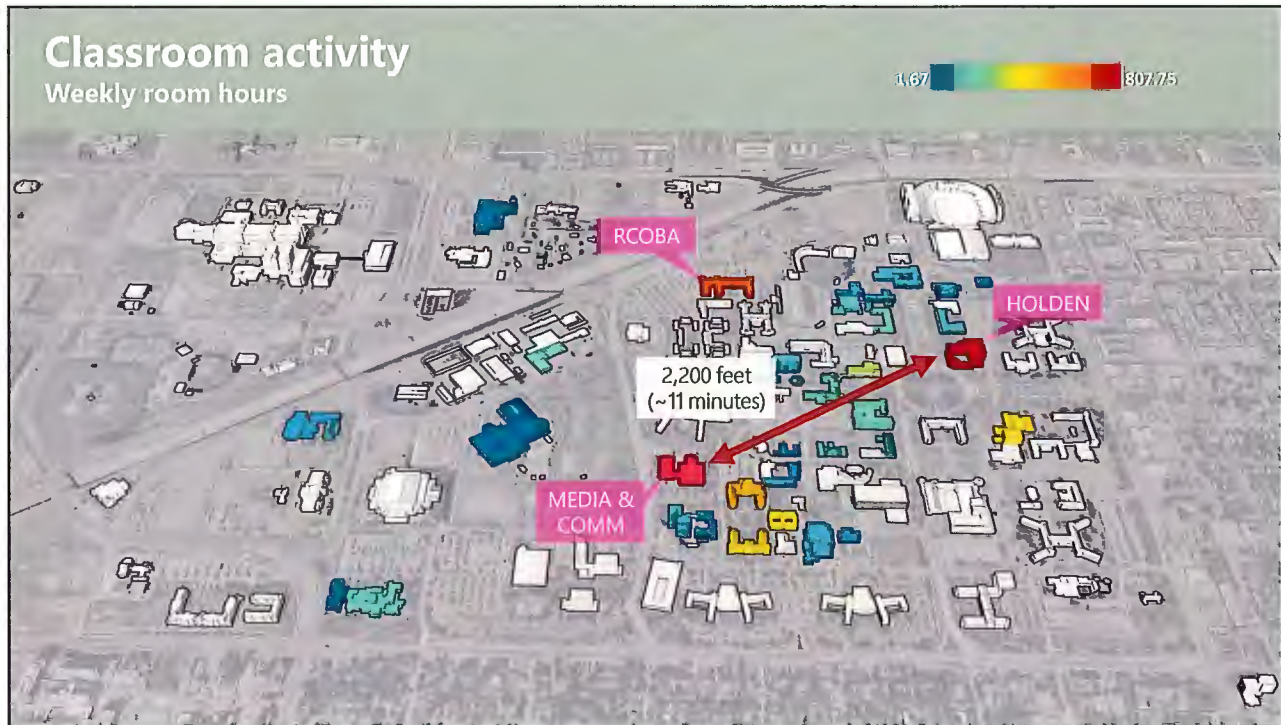
Percentage of classroom portfolio in use during the busiest week, Autumn 2023

## Modeling future classroom use



Count of rooms at or above the THECB guideline	
Actuals	17
Baseline	47
Scenario 1	48
Scenario 2	48

- Actuals
- Baseline
- Scenario 1
- Scenario 2



## Office statistics

Tier	Office Avg ASF	Office Service Avg ASF	Conference Room Avg ASF	FTE
UL Tier	375	61	27	3.0
Tier 1	300	51	25	16.5
Tier 2	240	52	23	62.0
Tier 3	170	35	21	185.5
Tier 4	150	35	21	957.5
Tier 5	120	35	21	3,169.5
Tier 6	60	14	8	1,045.5
Tier 7	40	5	8	623.0
Tier 8	0	4	5	953.8
(no tier)				89.0
Expected space demand	664,105	176,753	110,599	
Available space (all campuses)	1,116,007	210,956	115,669	
Available space (main campus)	1,045,930	183,766	104,821	
% difference	57%	4%	-5%	

7,105 total employee FTE

5,112 distinct office (310) spaces (main campus only)

1,045,930 office (310) ASF (main campus only)

Station data is not tracked

0.72 offices per FTE

147.2 office ASF per FTE

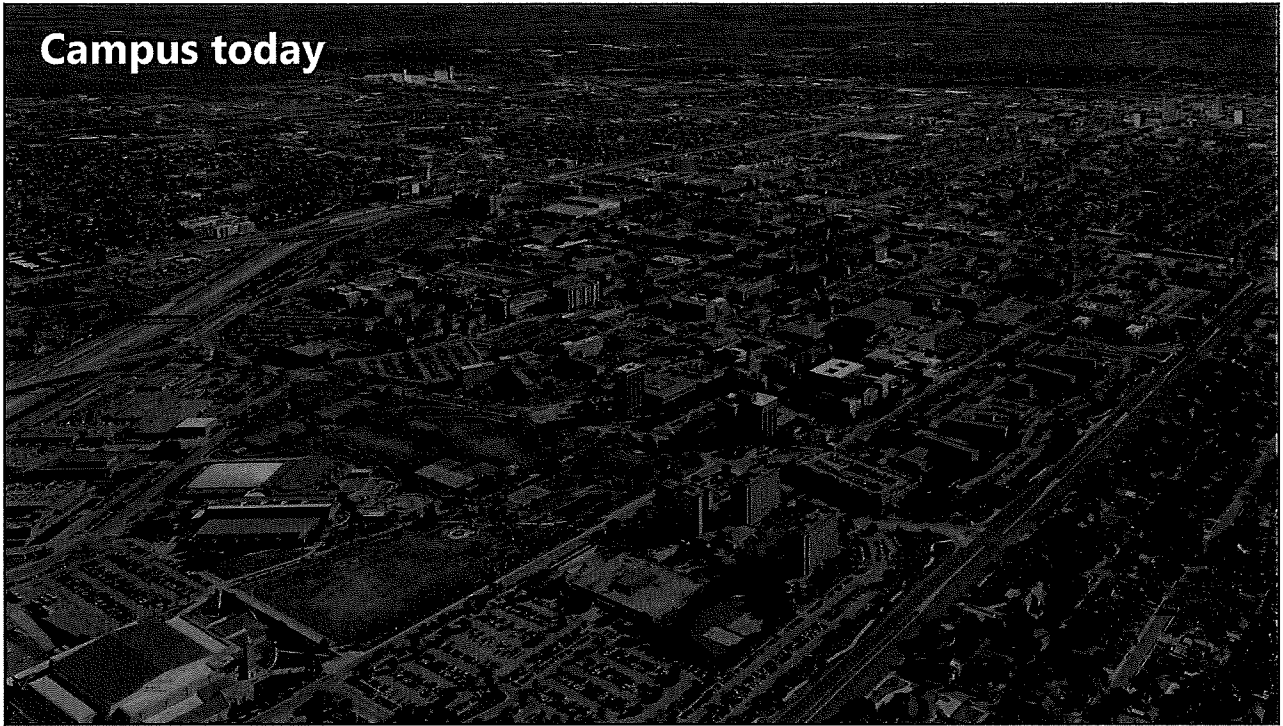
The available data indicates a possible surplus of dedicated office space overall, while office service and conference room space aligns with expected demand



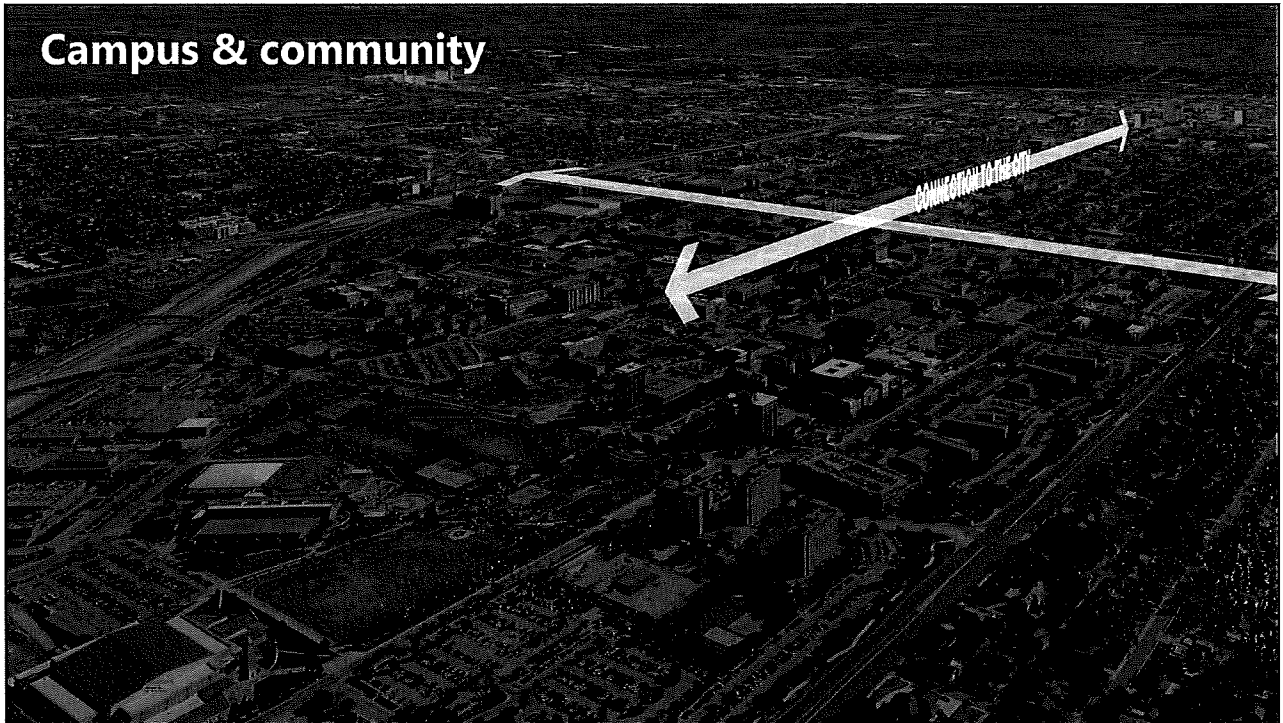
**Physical Vision**



**Campus today**



**Campus & community**



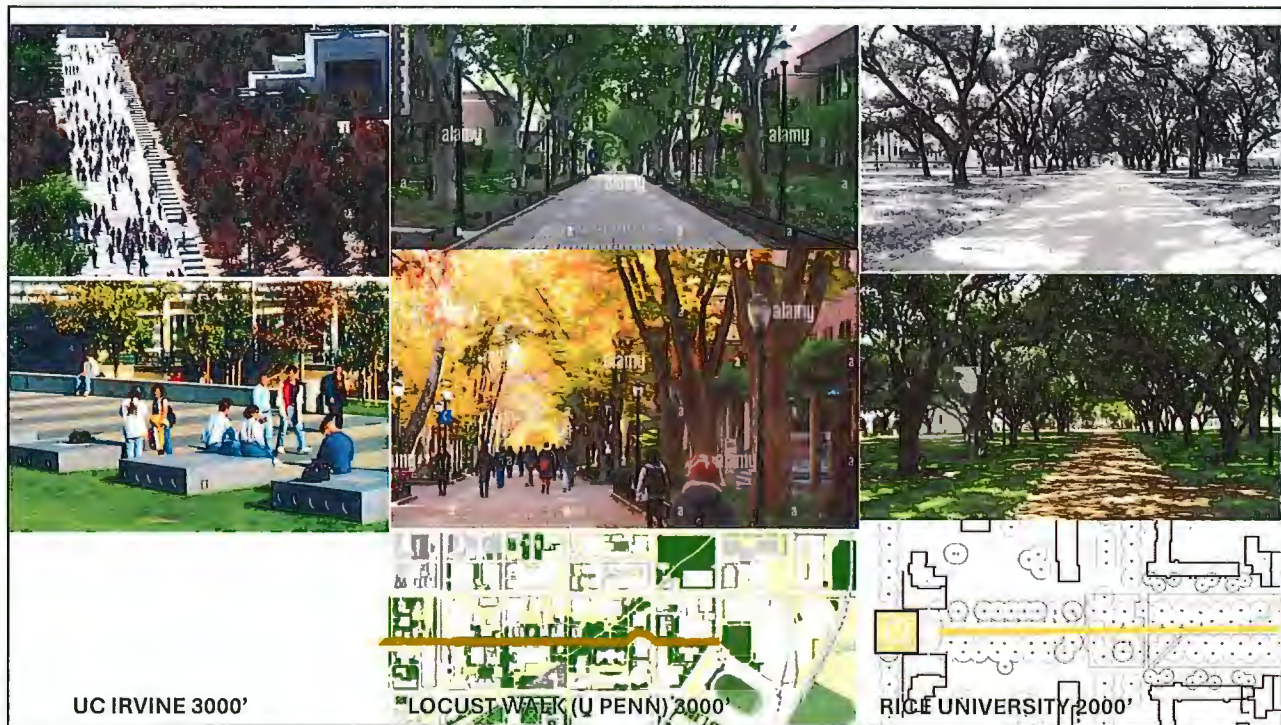


## Historic spine



## New east-west corridors





## Current green space





## Future green space

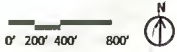


## Development potential



## Development potential

Academic, research, wellness 1,375,000 - 1,595,000 gsf  
Residential life 882,000 - 960,000 gsf  
2,200 - 2,400 beds  
**Total gsf potential 2,257,000 - 2,555,000 gsf**



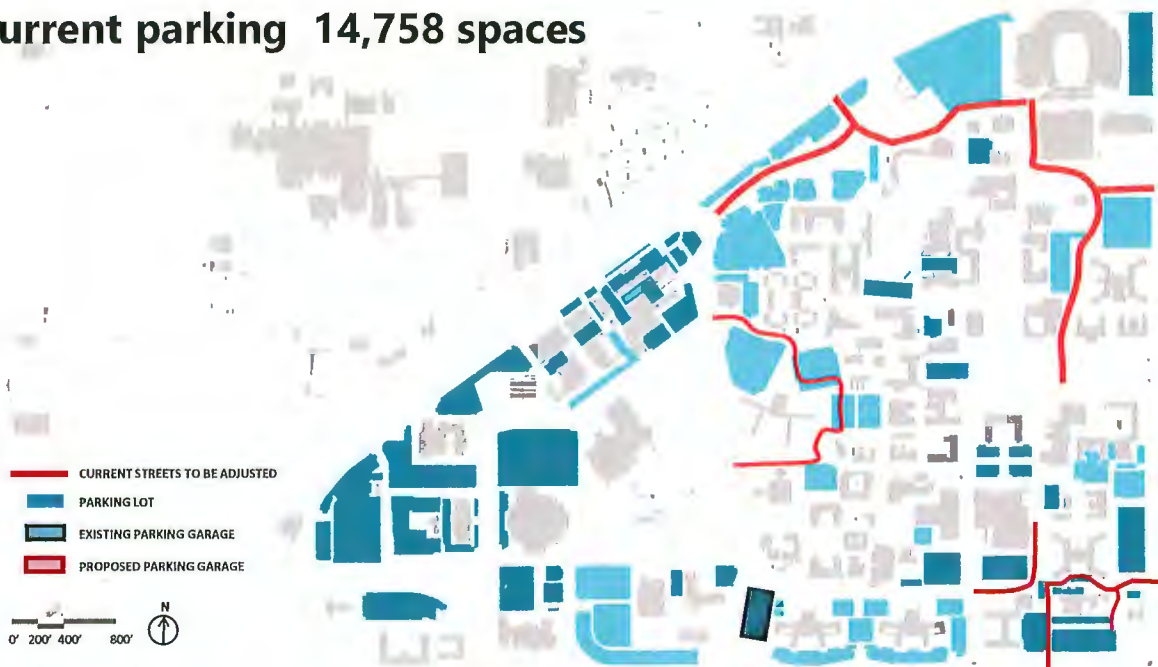
## Long-term development potential

Academic, research, wellness 2,125,000 - 2,445,000 gsf  
Residential life 882,000 - 960,000 gsf  
2,200 - 2,400 beds  
**Total gsf potential 3,007,000 - 3,405,000 gsf**

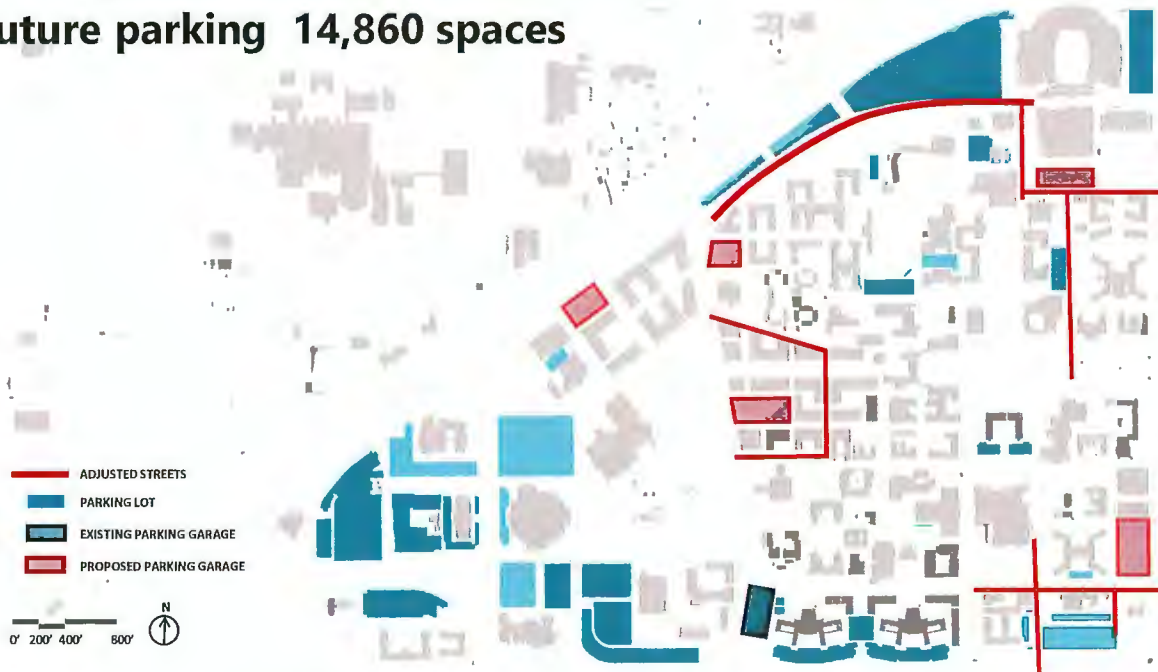


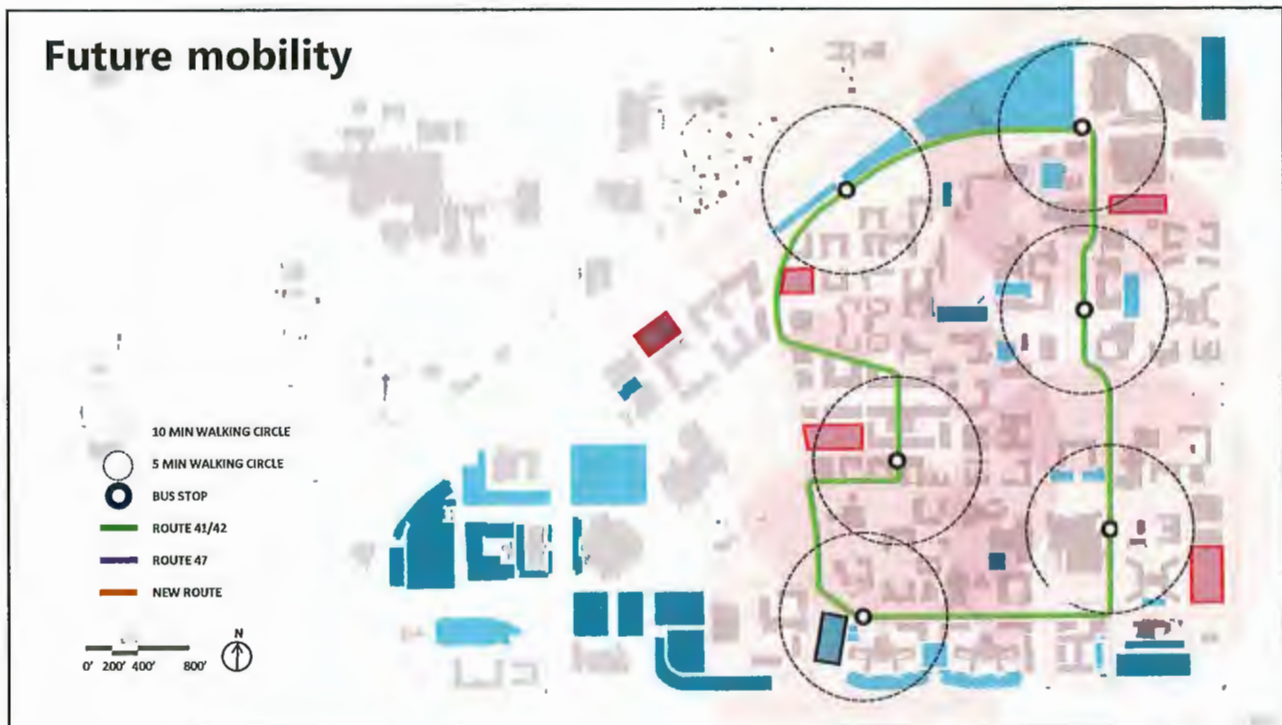


## Current parking 14,758 spaces



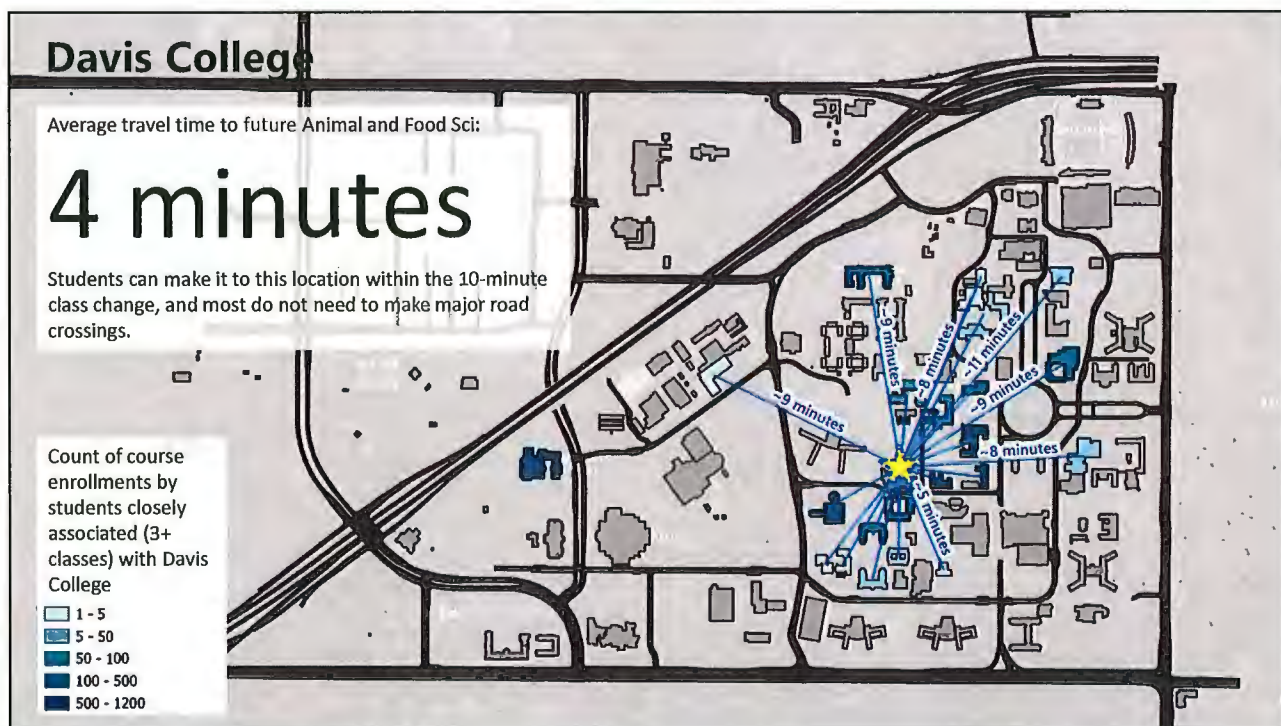
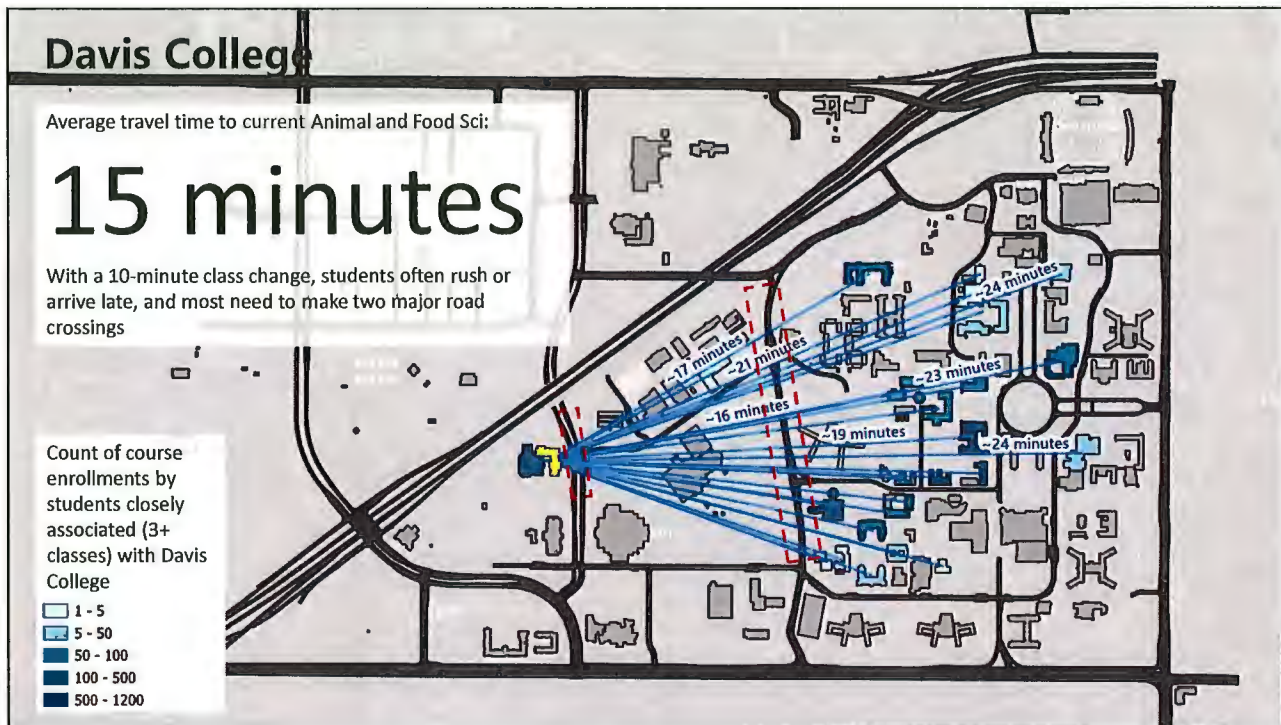
## Future parking 14,860 spaces

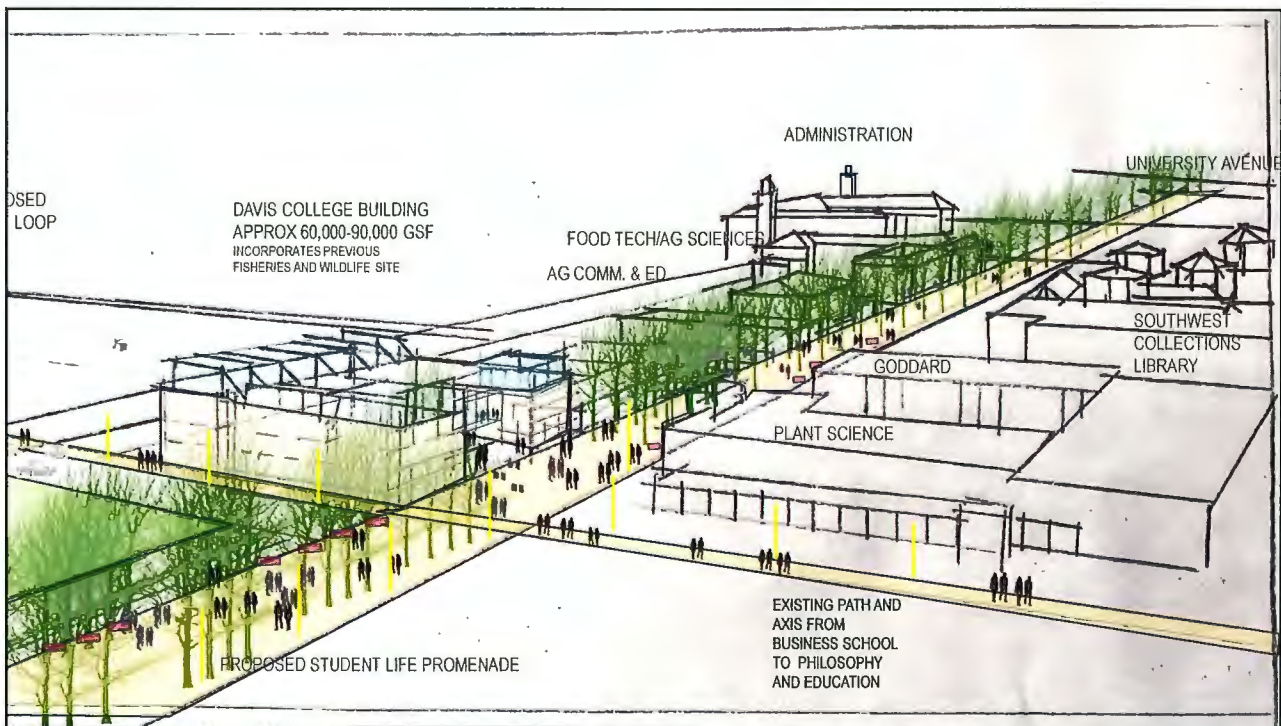




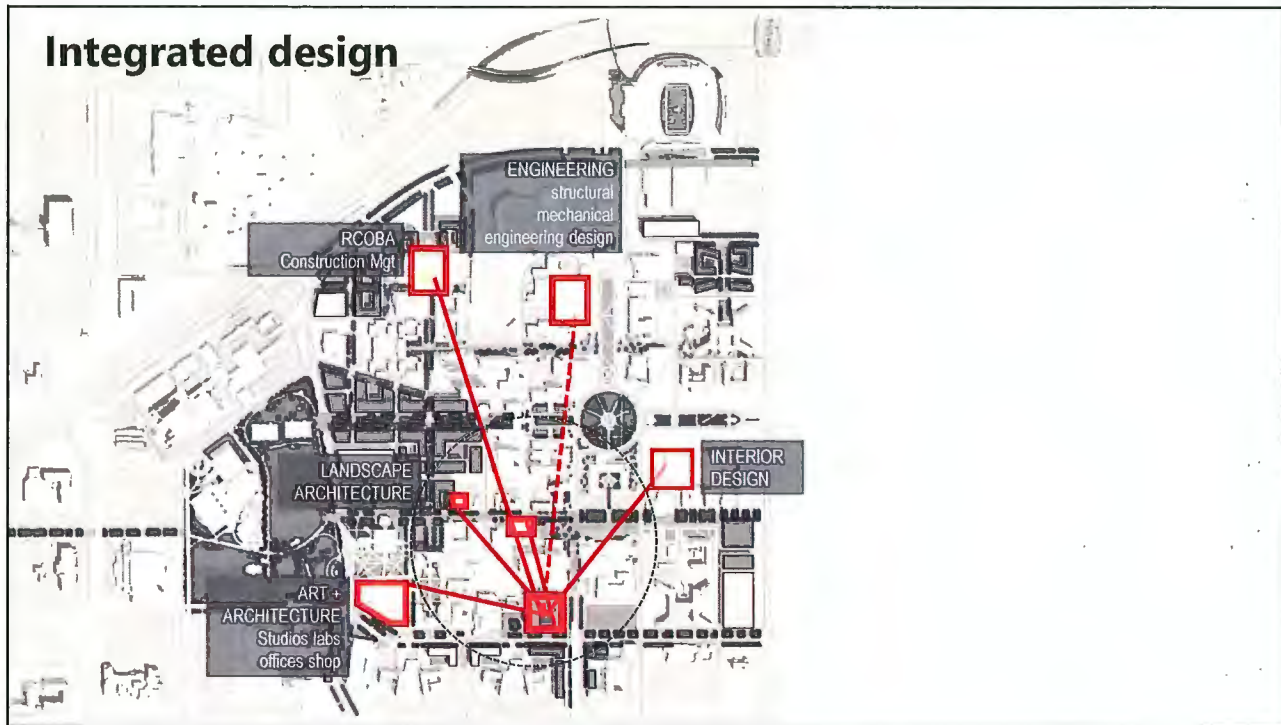
**Near-term examples**

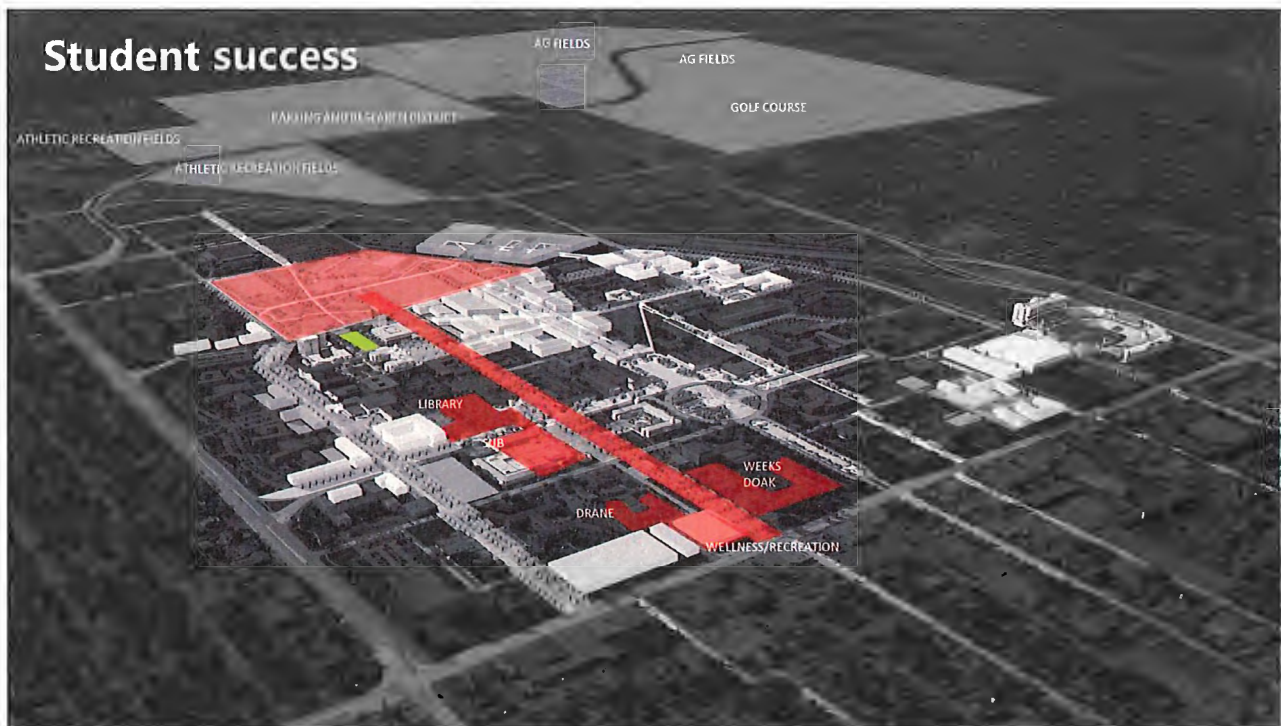
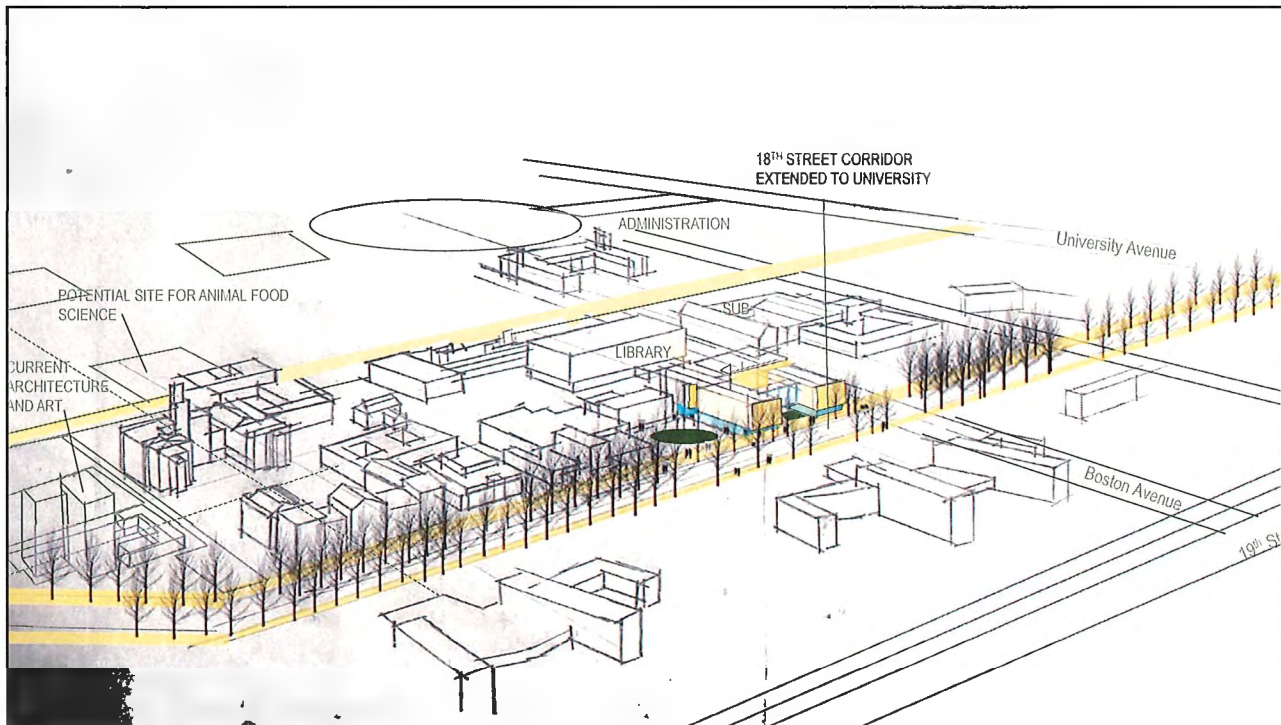




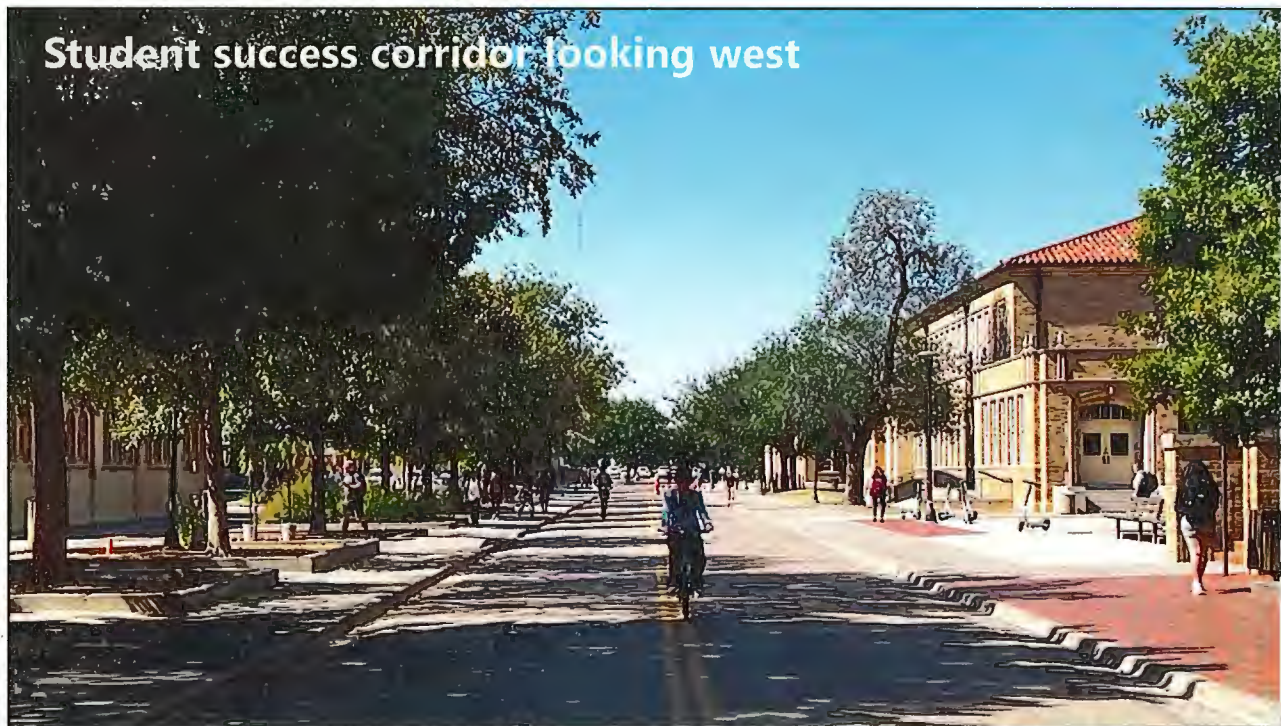
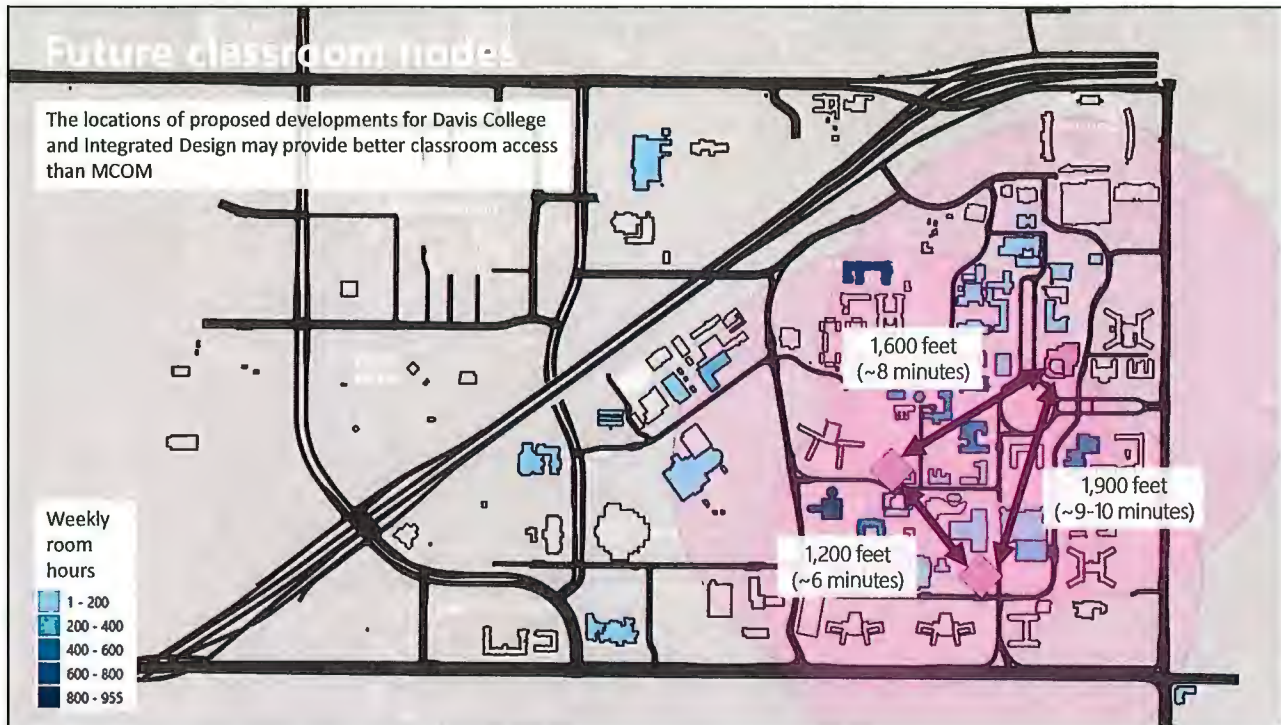


















Academic corridor looking east

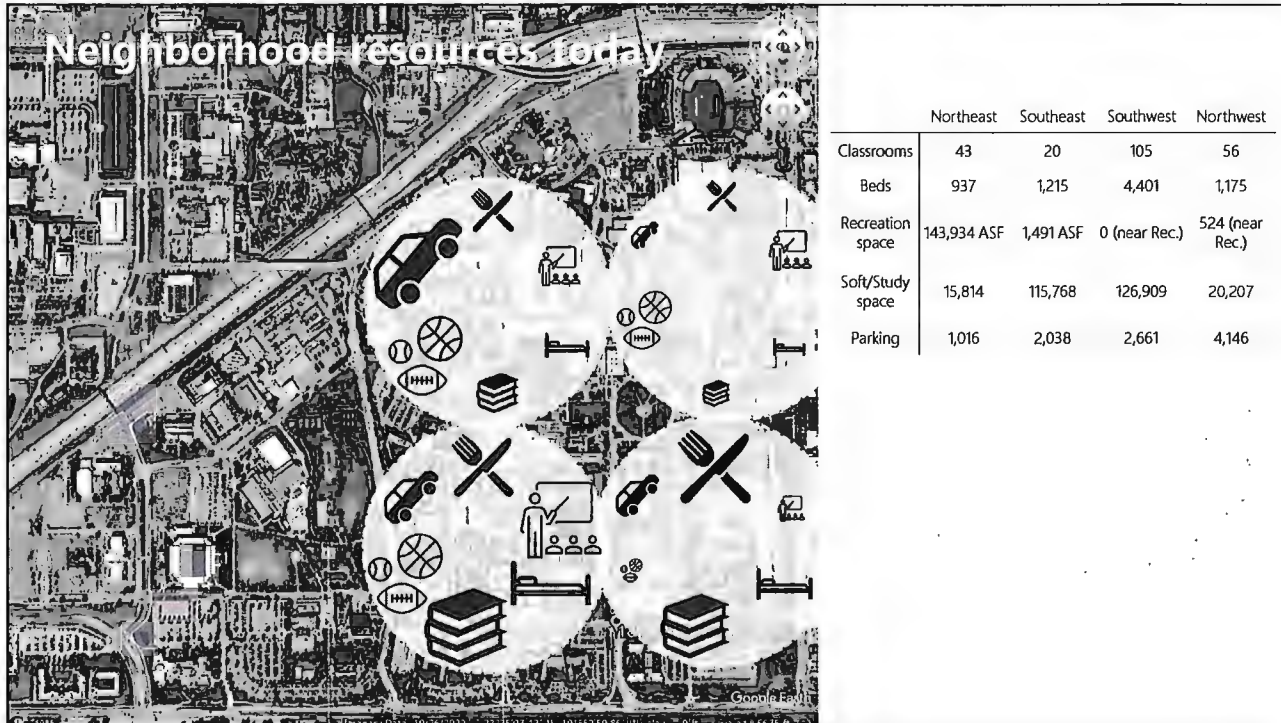




**Longer-term**







## Draft principles

Provide a great student experience

Focus development inside the loop to create a campus as destination

Transition to a pedestrian-oriented “park-once” campus

Prioritize efficient use of existing space resources

Ensure investment and donor interest aligns with need

Support academic and research goals through interdisciplinary buildings and spaces

Create inclusive environments for students, faculty, staff and external communities

## The second century





Texas Tech University System

INVESTMENT POLICY STATEMENT

Comprehensive Cash and Investment Pool

Date adopted: 10/10/2024~~12-3-2020~~

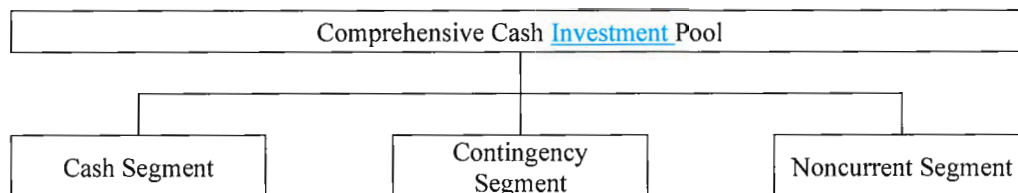
**Section 1 Introduction.**

This policy statement shall guide the investment of institutional operating funds known as the Comprehensive Cash and Investment Pool (“CCIP”) of the Texas Tech University System (“TTUS system”). As a pooled fund for the collective management and investment of all operating funds~~the operating funds,~~ non-operating funds and other funds of the system and component institutions, the CCIP is established to optimize system-wide liquidity and earnings, protect and preserve balances, and control costs of administering the pool and managing the system’s assets.

All institutional funds not invested in the Long Term Investment Fund (“LTIF”) will be invested in accordance with this policy statement, possibly excluding bond proceeds, and certain gifted assets, and Mission Driven Investments.

**Section 2 Investment Structure.**

CCIP assets will be structured into three segments based on cash flow requirements to provide sufficient liquidity covering operating outflows as well as preserving the system’s excellent credit ratings.



The approved liquidity segments and a general investment strategy for each are as follows:

- 2.1 **Cash Segment.** The Cash Segment, with delegated authority to the Treasurer, is designed to meet the current operating needs of the TTUS. This segment is expected to offer the highest level of liquidity and protect the nominal value of principal. Funds will be invested primarily in high quality money market funds or other instruments widely considered as cash equivalents, such as collateralized depository demand and/or interest earning accounts, local government investment pools, and fully collateralized repurchase agreements.

- 2.2 **Contingency Segment.** The Contingency Segment, with delegated authority to the Treasurer, is designed to provide a margin of safety to meet any current or unplanned expenditures. A secondary objective is to provide enhanced financial flexibility during unexpected market disruptions, when commingled funds can be susceptible to redemption risk. This segment will seek preservation of capital and incremental investment income typically above money market fund yields and comparable high grade fixed income. These funds will be invested only in fixed income securities that are readily convertible to cash and issued in U.S. dollar denominated assets by the United States government, US agencies and instrumentalities, US municipalities, US government sponsored entities, or the highest quality commercial paper. The portfolio will be managed within a weighted average duration between two and seven years. The intent of this segment is to hold securities to maturity, with rare liquidations as necessary to unplanned events, as listed in the two objectives above.
- 2.3 **Noncurrent Segment.** The Noncurrent Segment, with delegated authority to the Office of Investments, Chief Investment Officer (“CIO”), comprises assets remaining in the CCIP not needed in the Cash and Contingency Segments. This segment has an investment objective of income with growth and will be invested in a diversified asset mix of liquid, semi-liquid and private securities, in accordance with the approved asset allocation. This segment will be structured to generate a higher return over longer periods while retaining a liquidity and risk profile that is aligned with the approved asset allocation.

## Section 32 Roles and Responsibilities.

- 23.1 **Board of Regents (the “Board”).** The Board through the Finance, Administration and Investment Committee (“FAI Committee”) will approve the investment policy, ~~return objectives, risk tolerance, pool allocation ranges and monitor performance.~~ The Board grants the authority to manage the CCIP in accordance with this policy to the Vice Chancellor and Chief Financial Officer of the TTUS system.
- 23.2 **Vice Chancellor and Chief Financial Officer of the TTU-systemS (“VC/CFO” “CFO”).** The VC/CFO shall manage the CCIP in accordance with this policy under the oversight of the FAI Committee of the Board. The VC/CFO is responsible for all cash management activities and is authorized to set pool allocation targets within pre-approved ranges. The VC/CFO may procure and retain investment consultant services through a competitive-bid process to advise on the management of these funds. The VC/CFO ~~CFO~~ may delegate investment and transaction responsibilities of the Cash Segment and Contingency Segment to the Treasurer. The VC/CFO may delegate investment and transaction responsibilities of the Noncurrent Segment to the CIO.
- 23.3 **Pool Advisory Committee (“PAC”).** The VC/CFO will establish and lead a Pool Advisory Committee, comprised of financial officers from the component institutions. The PAC will meet no less than quarterly to provide guidance and



oversight regarding CCIP investment policy and strategic direction. Members shall include the Chief Financial Officer of each component institution and/or his/her delegate, comprised of financial officers from various system components. The PAC may meet periodically to provide guidance and oversight regarding CCP investment policy and strategic direction. Members will be appointed at the discretion of the CFO.

**23.4 Treasurer.** The Treasurer, in conjunction with TTUS Accounting and under VC/CFO ~~the supervision of the supervision, CFO,~~ is charged with implementing and administering the CCIP within the confines of this policy ~~in accordance with the rules and guidelines set forth in this Investment Policy Statement. The Treasurer is responsible for day-to-day portfolio management activities, investment vehicle recommendations, and operating procedures. In addition, the Treasurer will be~~ is responsible for:

- a. Evaluating banks, bank products and investments or investment strategies, in consultation with the PAC, for the Cash and Contingency segments of the CCIP within the confines of this policy. ~~Monitoring, reporting and reconciliation on the performance of investments in the CCIP.~~
- b. Monitoring, reporting and reconciliation of the segment bank and investment portfolios, including levels of collateral pledged on bank deposits. ~~Recommending new investment vehicles to the CFO and PAC.~~
- c. Evaluating the effectiveness of policies, procedures, objectives and strategy, and proposing modifications to the VC/CFO ~~and proposing, when appropriate, modifications for recommendation to the CFO.~~
- d. Maintaining internal controls to provide for responsible separation of duties and adequacy of an audit trail.
- e. Complying with applicable laws regarding the essential safekeeping and trading of underlying Cash and Contingency assets ~~of CCP assets.~~

**3.5 CIO.** The CIO, in conjunction with TTUS Accounting and under VC/CFO supervision, is charged with implementing and administering the Noncurrent Segment of the CCIP within the confines of this policy. In addition, the CIO is responsible for:

- a. Evaluating and executing public and private investments for the growth and stable value allocations to the noncurrent segment of the CCIP within this policy.
- b. Reporting and reconciliation of the noncurrent segment of the CCIP, including performance evaluation of existing investments in conjunction with the PAC.
- c. Evaluating the effectiveness of policies, procedures, objectives and proposing modifications to the VC/CFO and at times, the PAC.
- d. Monitoring and managing the portfolio on a day-to-day basis with the authority to hire, terminate, or change managers, strategies, or allocations within the confines of this policy.

- e. Maintaining internal controls to provide for responsible separation of duties and adequacy of an audit trail.
- f. Complying with applicable laws regarding the essential safekeeping and trading of underlying noncurrent assets.

**23.65 Investment Consultant/Advisor.** The investment consultant's/s' primary responsibility is to provide independent information and advice to the VC/CFO, PAC, Treasurer, CIO, and staff. Within its broad scope of services, the consultant/(s) may focus on the following:

- a. Investment policy development;
- b. Strategic asset allocation studies;
- c. Assist in investment recommendations, manager searches and selection;  
~~Assist in~~ manager searches and selection;
- e. Monitor investment performance; and
- f. Provide investment education.

**23.76 External Investment Managers.** The CIO must ensure that e External investment managers are an appropriate fit within the overall segment (portfolio) which is in accordance with this policy may invest CCP assets in accordance with ~~established guidelines but will apply their own judgment regarding security selection.~~ External investment managers will be given full discretion, within established guidelines as defined by separate account guidelines or if a fund, by the governing documents, and policy limits, to select individual securities, and diversify their portfolios.

## Section **43** Investment Objectives.

~~The investment of funds for the CCP shall provide incremental return to assist in meeting the operating needs of the TTU system.~~

### **43.1** Investment objectives of the Cash Segment and Contingency Segment CCP.

- a. The Treasurer shall consider asset diversification, suitability, tax implications, and the experience, quality, and capability of financial firm and personnel. The Treasurer shall consider the relevant investment horizon and shall be governed by the following investment objectives, in the following order of priority:

(1) preservation and safety of principal;

(2) liquidity; and



(3) return.

b. In determining whether the objectives in Section 4.1a have been met, the following shall be taken into consideration:

(1) The investment of all funds within the Cash and Contingency pool, rather than a consideration as to the prudence of a single investment.

(2) Whether the investment decision was consistent with this written policy.

~~The investment of funds shall consider asset diversification, suitability, and the experience, quality, and capability of financial firm and personnel. The fund shall consider the relevant investment horizon and shall be governed by the following investment objectives, in the following order of priority:~~

~~(1) — preservation and safety of principal;~~

~~(2) — liquidity; and~~

~~(3) — return.~~

~~b. In determining whether the objectives in Section 3.1.a have been met, the following shall be taken into consideration:~~

~~(1) — The investment of all funds, rather than a consideration as to the prudence of a single investment.~~

~~(2) — Whether the investment decision was consistent with this written policy.~~

#### 4.2 Investment objectives of the Noncurrent Segment.

a. The CIO shall consider asset diversification aligned with the approved asset allocation, suitability, tax implications, and the experience, quality, and capability of financial firms and personnel. The CIO shall consider the relevant investment horizon and shall be governed by the following investment objectives, in the following order of priority:

(1) compliance with the risk profile as implied by the approved asset allocation;

(2) liquidity as implied by the approved asset allocation; and

(3) risk and return as implied by the approved asset allocation and the stated benchmarks.

b. In determining whether the objectives in Section 4.2a have been met, the following shall be taken into consideration:

(1) The investment of all funds, rather than a consideration as to the prudence of a single investment.

(2) Whether the investment decision was consistent with this written policy.

## Section ~~7~~ 5 Guidelines for Investment

The following list is indicative of the investment classes which are appropriate for each segment based on return objectives and liquidity requirements. For the avoidance of doubt, this list ~~it~~ should not be construed as an exhaustive list of ~~“allowable” asset types~~. Security types and/or strategies not specifically enumerated, but which the Treasurer or CIO ~~CFO~~ determine are appropriate, may also be held with approval from the VC/CFO.

~~7~~ 5.1 **Cash Segment.** The Cash Segment will be invested primarily in money market funds and other cash instruments:

a. Collateralized bank deposits with a state or national bank domiciled in the State of Texas, provided:

(1) Such deposits must be insured by the Federal Deposit Insurance Corporation or its successor, with the remainder fully collateralized as required in the *Texas Education Code*, except that surety bonds are not authorized as collateral. The pledged collateral shall be placed in a custodian bank or banks named by the TTU system. Deposits will be collateralized in an amount equal to or greater than 102% of the amount of funds on deposit at the bank. In no event will the custodian be affiliated with the depository bank.

~~(2) On any given day, no depository bank will have CCP funds on deposit in an amount that exceeds any one of the following limits:~~

~~(a) — 25% of the total funds available for investment by the TTU system; or~~

~~(b) — based upon the bank’s latest regularly published statement of financial condition: 15% of its total deposits; or an amount equal to the sum of its capital, permanent surplus, retained earnings, and reserves;~~

b. Any money market fund or mutual fund, provided:

(1) Such funds is AAA rated, or its equivalent, by at least two nationally recognized rating services.

- (2) Such funds must comply with the diversification, quality, liquidity, and maturity requirements ~~be offered at a constant \$1.00 net asset value and comply with the diversification, quality, liquidity, and maturity requirements~~ of SEC regulation 2a-7 under the Investment Company Act of 1940.
- c. Local government investment pools, which are specialized money market funds designed to offer a convenient and cost-effective investment vehicle for public entities.
- d. Repurchase agreements.
  - (1) For the purpose of this policy, a repurchase agreement is an investment transaction between an investor and a bank or securities dealer, in which the bank or dealer agrees to sell a particular instrument to the investor and simultaneously agrees to repurchase that investment at a certain date in the future at a market value of not less than the principal amount of the funds disbursed.
  - (2) A fully collateralized repurchase agreement is an authorized investment if the repurchase agreement is secured by U.S. Government Securities and require the securities being purchased to be pledged to the TTUS system and deposited at the time the investment is made with a third party selected and approved by TTUS system. The value of all collateral shall be maintained at 102% of the notional value of the repurchase agreement (valued daily). Repurchase agreements must be placed through a primary government securities dealer, as defined by the Federal Reserve, or a financial institution doing business in Texas.
  - (3) There shall be no limitation on the amount invested, provided the vehicle is collateralized by U.S. government securities.
  - (4) Reverse repurchase agreements are not permitted.

75.2 **Contingency Segment.** The Contingency Segment will be invested in the following types of securities ~~with maturities of 60 months or less.:~~

- a. Obligations issued or guaranteed by the United States Federal Government, United States Federal Agencies, or United States government-sponsored corporations and agencies.
- b. Obligations of states, agencies, counties, cities and other political subdivisions of any state and rated A or better.
- c. Commercial paper with a maturity of one year or less, issued by domestic corporations (corporations organized and operating under the laws of the United States or any state thereof) provided that the issuing corporation, or its



guarantor, has a short-term debt rating of no less than “A-2” or “P-2” (or its equivalent) by at least two of the national rating services.

- d. ~~The weighted average duration of this segment should be 30 months or less.~~ Bond mutual funds are permitted.
- e. ~~Bond mutual funds invested in securities defined in 6.2a e are permitted.~~

**57.3 Noncurrent Segment.** The Noncurrent Segment will be structured to comply with the approved asset allocation which specifies acceptable asset classes along with any explicitly explicitly stated liquidity profile as specified by the PAC. ~~as a total return portfolio. The investment strategy for this segment is that its time horizon, and flexibility, is such as to permit investments in a diversified mix of assets that will collectively offer greater returns than short term fixed income securities. The goal is to diversify investments across multiple asset classes, including equities, which will enhance total return over the long term, while avoiding undue risk concentrations in any single asset class or investment category.~~

The assets of this segment will be invested through external managers and/or commingled funds. ~~The Treasurer may develop investment management guidelines for each external investment manager.~~

## **Section 6 CCIP Segment Allocation and Segment Ranges**

The Board of Regents sets segment allocation targets. The TTUS VC/CFO has the authority to reach the segment allocation targets within a set range as detailed in table below. Allocation to the segments will be based on estimated liquidity needs of the aggregate component institutions and forward-looking views.

<u>Segment:</u>	<u>Target Segment Allocation</u>	<u>Segment Range:</u>
<u>Cash</u>	<u>10%</u>	<u>5-15%</u>
<u>Contingency</u>	<u>30%</u>	<u>20-40%</u>
<u>Noncurrent</u>	<u>60%</u>	<u>50-70%</u>

## **Section 57 Asset Class Allocation, Asset Class Target Ranges and Policy Benchmarks.**

Asset class allocation, subject to the ranges specified herein, is the responsibility of the VC/CFO, in consultation with the PAC. Changes to the asset class target ranges and limitations are the responsibility of the Board as communicated to the FAI committee and may be changed from time to time based on the economic and investment outlook.

**75.1 Target Ranges.** The Board ~~will~~ must approve any changes to the target ranges for each asset class.



**75.2 Target Allocation.** The VC/CFO is responsible for determining the appropriate asset allocation within each segment. Note, analyzing historical monthly net cash flows for and anticipated cash needs ~~the past three fiscal years~~ will be the primary basis for the Cash Segment target allocation.

**75.3 Benchmarks.** A customized total portfolio benchmark will be designed to measure the overall performance of the CCIP. This benchmark will blend the returns of the benchmarks specified below, weighted according to the target allocation for each respective tier.

Table 1 – Cash and Contingency Segments – Benchmarks, Segment Allocation and Segment Ranges

<u>Segment</u>	<u>Benchmark</u>	<u>Segment Allocation</u>	<u>Segment Range</u>
<u>Cash Segment</u>	<u>Blmbg. U.S. Treasury Bills 1-3 Months</u>	<u>10%</u>	<u>5% — 15%</u>
<u>Contingency Segment</u>	<u>0-5 Yr BofA Merrill Lynch US Treasury and Agency Index</u>	<u>30%</u>	<u>20% — 40%</u>

Table 2 – Noncurrent Segment - Asset Class Allocation, Asset Class Target Ranges & Policy Benchmarks

<u>Asset Class</u>	<u>Benchmark</u>	<u>Target Allocation</u>	<u>Target Range</u>
<u>Growth</u>	<u>MSCI ACWI ND + 100 bps</u>	<u>70%</u>	<u>50% - 80%</u>
<u>Global Public Equity</u>		<u>50%</u>	<u>40% - 60%</u>
<u>Private Equity: Secondaries</u>		<u>20%</u>	<u>10% - 30%</u>
<u>Stable Value</u>	<u>Bloomberg Global Aggregate + 100 bps</u>	<u>30%</u>	<u>20% - 50%</u>

~~Table 1 – Asset Allocation Target, Ranges & Policy Benchmarks~~

<del>Asset Class</del>	<del>Benchmark</del>	<del>Target Allocation</del>	<del>Target Range</del>
<del>Cash Segment</del>	<del>Barelays Capital 1-3 Month U.S. Treasury Bill Index</del>	<del>10%</del>	<del>5% — 20%</del>
<del>Contingency Segment</del>	<del>ICE BofA Merrill Lynch 0-3 Year US Treasury &amp; Agency Index</del>	<del>30%</del>	<del>20% — 40%</del>
<del>Noncurrent Segment</del>	<del>Blended based on Table 2</del>	<del>60%</del>	<del>45% — 75%</del>

~~Table 2 – Noncurrent Segment – Asset Allocation Target, Ranges & Policy Benchmarks~~

Asset Class	Benchmark	Target Allocation	Target Range
Cash	N/A	0%	0%—15%
Equity	MSCI AC World (gross, USD)	25%	20%—30%
Debt	BC Global Aggregate (unhedged)	25%	20%—30%
Diversifying Assets	HFRX Global	30%	25%—35%
Private Assets	70% MSCI ACWI IMI; 15% Barclays US High Yield; 15% Barclays Global High Yield Trailing 5 year rolled quarterly 250-bps premium	20%	15%—25%
Portfolio Hedge	N/A	0%	0%—15%

#### 75.4 Investment Return objectives.

- The incremental return goal for each category of investments is expected to match or exceed the performance of the appropriate benchmark index over a rolling five-year period.
- Each investment vehicle in the Noncurrent segment will be evaluated versus a benchmark and/or a peer universe. Investment vehicles should rank above the median over a rolling five-year period.

### Section 68 Rebalancing.

#### 68.1 Rebalancing.

- The VC/CFO will monitor CCIP and ask for a rebalance plan from the Treasurer and CIO on a reasonable basis to keep the segments (portfolios) within permissible ranges. This plan will then be approved or disapproved by the VC/CFO, in consultation with the PAC. ~~It is the intent of the Board that the asset allocation for the CCP remains within the permissible ranges and that the portfolio shall be rebalanced when the allocation deviates significantly from these ranges. Contributions to the CCP should be applied to, and payments by the CCP withdrawn from, asset classes in such a way so as to bring the asset allocation back toward its target ranges.~~
- The minimum and maximum allocations should not be deviated from ~~exceeded~~, except in unusual circumstances. ~~Rebalancing may occur before these limits.~~
- ~~Noncurrent Segment funds accounting for less than or equal to 5% of the Pool's asset value may be withdrawn upon the request of the CFO with 3 business~~



~~days' notice. Withdrawals in excess of the 5% threshold will require up to 30 days' notice and 90 days for distribution.~~

## **Section 89 Reporting.**

The Treasurer and CIO will prepare quarterly investment reports ~~on the CCP for their~~ segment(s) of the CCIP, which will be submitted to the VC/CFO, published on the Office of System VC/CFO's website and provided to the FAI Committee and PAC. ~~The reports will summarize asset allocation, liquidity, performance, and risk characteristics.~~

## **Section 910 Cash Segment - Cash Management and Relationships with Depositories.**

- 910.1 The centralized Cash Segment will be maintained with the objective that all available cash and cash equivalents are invested and reported in accordance with applicable rules and regulations.
- 910.2 The VC/CFO is ~~responsible~~ accountable for the overall coordination and direction of banking relationships, to include investments, deposits, custody and other services with banking and similar financial institutions for the TTUS ~~system~~.
- 910.3 The system is authorized to maintain primary time and demand depository accounts with only those depositories recommended by the Chancellor or VC/CFO/Chancellor designee and approved by the Board resulting in an executed a master depository agreement. Master depository agreements will be executed in accordance with Regents' Rules Chapter 7 Fiscal Management Section 07.12 Contracting policies and procedures. Primary depositories will be selected based on competitive bids, and the bids will be reviewed by the VC/CFO. The Treasurer is authorized to select secondary depository accounts and ~~imprest~~ funds with approval from the VC/CFO as requested with an explicit business need. ~~member institution CFO as requested with an explicit business need.~~
- ~~.4- The Cash Segment will provide competitive and enhanced returns for each member institution. Any and all depository fees assessed monthly through depository account analysis statements will be charged directly to the respective member institutions.~~

## **Section 110 Selection of Broker/Dealers.**

The Treasurer and staff shall engage with vetted Broker/Dealers for the Contingency Segment investments. The selection shall be recommended by the Treasurer and approved by the VC/CFO. The Treasurer will complete a due diligence review of any proposed Broker/Dealers prior to recommendation to the VC/CFO.

## **Section 112 Selection of External Investment Managers.**

- 11.1 **Manager Selection.** The manager selection process should incorporate review and analysis of the following factors:
- a. Ability of the firm to achieve return and risk objectives of the investment pool.
  - b. Length and quality of experience of key investment professionals.
  - c. Consistency of investment strategy and results.
  - d. Historical growth of, and future plans for, assets under management.
  - e. Confidence that past performance can be sustained in the future.
  - f. Existence of a clear, concise and effective decision-making process.
  - g. Risk management tools and systems.
  - h. Sufficient organizational depth and continuity of personnel.
  - i. Adequate reporting, administration and back-office support.

### Section ~~12~~13 Responsibilities of Investment Managers.

- ~~12~~13.1 Invest the assets of the TTUS ~~system~~ with the care, skill, prudence, and diligence that a prudent professional investment manager, familiar with such matters and acting in like capacity, would use in the investment of such assets, consistent with the guidelines outlined herein.
- ~~12~~13.2 Adhere to the investment policies and guidelines prescribed by the TTUS ~~system~~ and act in the best interest of the TTUS ~~system~~.
- ~~12~~13.3 Each investment manager shall have full investment discretion with regard to security selection, consistent with this policy and the manager's established guidelines.
- ~~12~~13.4 Make no material departures from the strategy for which the manager was hired.
- ~~12~~13.5 Inform the consultant and ~~Treasurer~~ CIO about all significant matters pertaining to the investment of TTUS ~~system~~ assets. These matters include the following:
  - a. Substantive changes in investment strategy or portfolio structure.
  - b. Significant changes in ownership, affiliations, organizational structure, financial condition and professional staffing of the investment management organization.
  - c. Any regulatory actions being pursued or taken against the firm or any of its employees.



- 1213.6 All investment managers must report their performance on a monthly or quarterly basis, and the reporting methodology must be in compliance with the standards outlined by the CFA Institute.
- 1213.7 Seek best price/execution when purchasing or selling securities at all times. Each investment manager must recognize that brokerage is an asset of the TTUS system, not the investment manager. Also, investment managers must disclose any affiliated brokerage relationships.
- 1213.8 Comply with CFA Institute Guidelines on Soft Dollar Standards.
- 1213.9 Vote all proxies after careful assessment of the issues involved, with particular emphasis on items that might reduce the economic value of stockholders' rights of ownership and thereby adversely impact the performance of the TTUS's system's assets.
- 1213.10 Meet with the Treasurer-CIO and other investment staff on a regular basis, either in person or by teleconference.
- ~~12.11 Provide the number of new clients and clients that have terminated on a quarterly basis.~~
- ~~12.12 Securities or positions in a single company or issuer must not exceed 10% of the investment manager's portfolio measured at market value. However, money market funds and obligations issued by the U.S. federal government are exempt from this restriction.~~
- ~~12.13 Securities or positions in any one industry should not exceed 25% of the investment manager's portfolio at market value.~~
- 1213.11+4 The market value of any single investment manager account may not exceed 10% of the applicable pool.
- 1213.15 Currency hedging decisions are at the discretion of the manager.

### Section 143 Spending Policy.

- 143.1 The Board recognizes the need for distributions to institutional funds comprising the CCIP. Distributions are to be made on a monthly basis.
- 143.2 For the Cash Segment and Contingency Segment, funds to be distributed will be current income earned on an accrual basis. For the Noncurrent Segment, the rate to be used for the monthly distribution will be determined by the VC/CFO in consultation with the PAC.
- 143.3 For the Noncurrent Segment, a spending withdrawal or distribution outside of the monthly distribution may be called by the VC/CFO to 1) rebalance the CCIP

segments or 2) for unforeseen operational budgetary needs. Given the stated function of the Noncurrent Segment as a tertiary backup pool to the two liquid Cash Segment and Contingency segment, and as evidenced by the approved asset allocation policy, called spending, withdrawal or distribution may take up to 180 days from the initial notice to the CIO.

For the Noncurrent Segment, a spending withdrawal or distribution will be applied as it is managed on a total return basis. Distributions will be physically withdrawn out of the dedicated investment custodial account. With expected greater returns, the Noncurrent Segment earnings are relied on more heavily than the other CCP segments as a financial resource applicable to unrestricted operating budgets. In turn, it is crucial to generate a stable distribution of earnings consistent to projections set in the budgeting process. The annual spending percentage applied to average market value shall not exceed 6% nor be less than 2%. The initial annual spending percentage is set at 3% on an average of a fiscal year rolling 12-quarter ending market values and will be applied monthly, during the current quarter based on an annualized spending rate (set percentage divided by 12). Note: The same calculated 12-quarter market value will be used for a current fiscal quarter's spending calculation. The Treasurer will conduct an annual review of the investment policy to determine that it is consistent with the distribution target set in the budgeting process, recognizing the potential for short-term fluctuations in investment returns. The annual spending percentage set each fiscal year ahead of the budgeting process by the CFO, in consultation with the PAC, based on inflation expectations and expected return.

## **Section 15.4 Management Fee.**

- 15.4.1 The CCIP will be assessed an investment management fee for expenses associated with the management of the pool in accordance with the details below.
- 15.4.2 The fee will be assessed on a quarterly basis (fiscal year quarters), and average market value will be based on the average of a fiscal year 12-quarter ending market values of the total net asset value of the CCP each segment.
- 14.3 The management fee rate shall be reviewed annually in conjunction with the preparation of annual operating budgets in consultation with the PAC. Any recommendation will be communicated during the annual budget process as outlined in Chapter 07.04 of the TTUS Regents' Rules.

## **Section 15 Securities Lending.**

~~The CCP may not participate in securities lending unless approved by the CFO and PAC. Any authorization for securities lending in separate accounts must be reported in advance to the FAI Committee. Also, any such authorization shall be reported as an Information Agenda item at the next Board meeting. Commingled funds are exempt from this restriction.~~

CCP assets will be structured into three segments based on cash flow requirements to provide sufficient liquidity covering operating outflows as well as preserving the system's excellent credit ratings.

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***Dates Approved or Amended:***

*-- Initial adoption of policy statement..... TBD*

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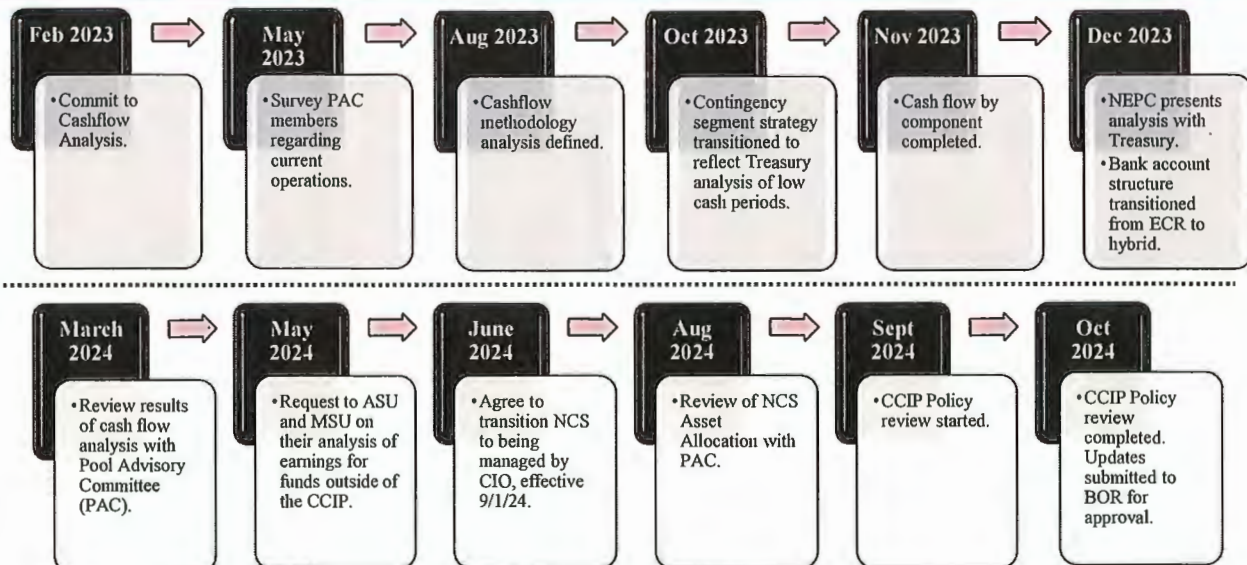


## Consolidated Cash & Investment Pool (CCIP) Review

James Mauldin, *TTUS Vice Chancellor & Chief Financial Officer*

November 14th, 2024

### CCIP Moving in the Right Direction





## Improvements in Multiple Areas



### Concerns

### Changes

Little to no component involvement

- Reinstated PAC.
- Meet more regularly.
- Healthy system-wide discussions.

Management of NCS

- Transitioned NCS to Tim Barrett's team as a separate portfolio from LTIF.
- More aggressive asset allocation.

Too much held in cash

- Closer monitoring of liquidity.
- Liquidity analysis reviewed with NEPC.

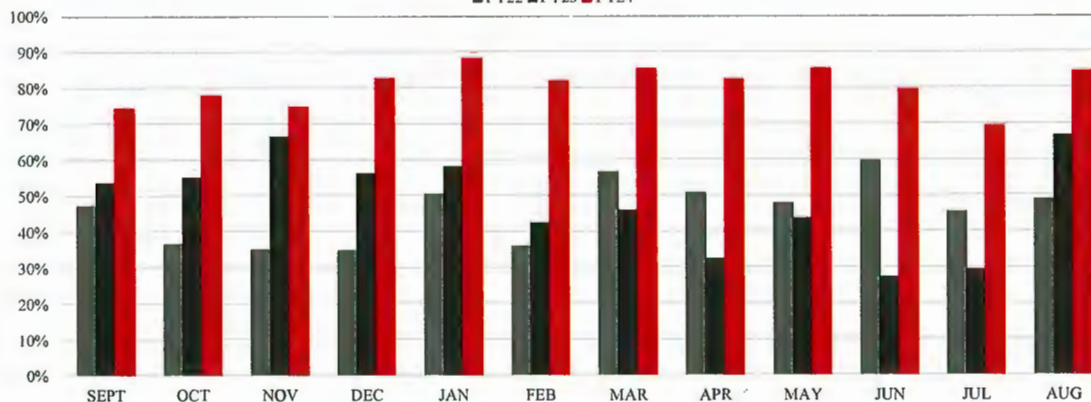
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## Interest Earned on Cash Maximized



% of Maximum Interest Earned by FY

■ FY22 ■ FY23 ■ FY24



- Total interest earned in FY24 went up 64% from FY23
  - Drivers of increase were interest rates going up and better management of cash
- During this same period, percentage of CCIP in cash dropped from 10.8% to 8.5% on average

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## CCIP Review – Next Steps



Continue to  
monitor  
liquidity

Review  
contingency  
segment

Centralize cash  
management

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TEXAS TECH UNIVERSITY SYSTEM

## TTUS Investment Performance Update

James Mauldin, *TTUS Chief Financial Officer*

Tim Barrett, CFA, *Associate Vice Chancellor and CIO*

November 14th, 2024

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## TTUS Investment Programs



▪**LTIF (Endowments):** The Long-Term Investment Fund (LTIF) consists of two sub-portfolios targeting the risk and return profile of the global 60/40 portfolio. The LTIF is managed by the Office of Investments staff under direction of the TTUS CIO with oversight from the TTUS CFO and advised by the Investment Resource Council (IRC).

▪**CCIP (Operating & Reserve funds):** The Comprehensive Cash & Investment Pool (CCIP) consists of three sub-portfolios targeting increasing risk and return levels appropriate for the Texas Tech University System operational cash needs. The CCIP is managed by the Treasury staff & a portion of the Office of Investments team under direction of the TTUS CFO and advised by the Pool Advisory Committee (PAC).

▪**MDIF:** The Mission Directed Investment Fund (MDIF) will hold all approved mission directed investments, governed by Regent Rules. The day-to-day management and performance reporting will be handled by a portion of the Office of Investments team with oversight from the TTUS CFO.

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## Asset Class Performance vs Benchmark

as of August 31, 2024



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## Long Term Investment Fund (LTIF) as of August 31, 2024



### Portfolio Holdings & Performance Overview – August 2024

Reported NAV: Monthly 68%, Quarterly 0%, Total 43%

Portfolio Composition	Balance (millions)	Weight	Target	QTD	YTD	1-Year	3-Year	5-Year	7-Year	10-Year
Total LTIF	1,741.00	100%	100%	2.12%	9.58%	12.55%	5.32%	8.69%	7.49%	6.76%
LTIF Policy Composite				4.76%	10.90%	17.79%	2.84%	6.67%	6.42%	6.20%
CPI + 5%				1.16%	5.10%	7.71%	10.03%	9.36%	8.77%	7.97%
LTIF - Growth	1,061.40	61.0%	60.0%	3.10%	12.34%	15.79%	5.58%	12.63%	10.83%	9.55%
MSCI ACWI				4.19%	15.97%	23.44%	5.77%	12.14%	10.17%	8.76%
LTIF - Stable Value	679.59	39.0%	40.0%	0.74%	5.38%	7.17%	4.64%	4.02%	3.78%	4.32%
Bloomberg Global Agg				5.19%	1.86%	6.90%	-4.18%	-1.37%	-0.11%	0.12%

Total LTIF vs LTIF Policy [C] & CPI + 5 [D]



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## Long Term Investment Fund (LTIF) as of August 31, 2024



### Portfolio Composition – August 2024

Portfolio Composition	Balance (millions)	Weight	QTD	YTD	1-Year	3-Year	5-Year	7-Year	10-Year
Total LTIF	1,741.00	100.00%	2.12%	9.58%	12.55%	5.32%	8.69%	7.49%	6.76%
LTIF Policy Composite			4.76%	10.90%	17.79%	2.84%	6.67%	6.42%	6.20%
CPI + 5%			1.16%	5.10%	7.71%	10.03%	9.36%	8.77%	7.97%
LTIF - Growth	1,061.40	60.97%	3.10%	12.34%	15.79%	5.58%	12.63%	10.83%	9.55%
MSCI ACWI TR Net USD			4.19%	15.97%	23.44%	5.77%	12.14%	10.17%	8.76%
Public Equity	627.59	36.05%	5.36%	21.65%	28.32%	6.16%	15.28%	12.81%	10.91%
Portable Alpha	450.27	25.86%	6.26%	23.58%	29.47%	7.07%	16.13%	13.29%	11.21%
Active	160.75	9.23%	2.57%	18.75%	26.36%	4.22%	11.04%	10.55%	9.37%
Passive	16.57	0.95%	9.89%	9.02%	21.70%	5.48%			
Private Equity	373.13	21.43%	0.17%	1.42%	-1.39%	2.47%	11.68%	10.17%	8.00%
Private Real Assets	60.89	3.49%	0.00%	-7.53%	3.43%	10.07%	3.21%	3.95%	5.72%
LTIF - Stable Value	679.59	39.03%	0.74%	5.38%	7.17%	4.64%	4.02%	3.78%	4.32%
Bloomberg Global Aggregate USD			5.19%	1.86%	6.90%	-4.18%	-1.37%	-0.11%	0.12%
Hedge Funds	164.43	9.44%	0.85%	4.82%	5.08%	2.05%	3.20%	3.60%	3.25%
Alpha Pool Net	72.99	4.19%	1.51%	4.37%	1.58%	-1.22%	4.78%	5.08%	4.72%
Pooled Absolute Return	61.98	3.56%	0.00%	3.21%	4.21%	3.47%	2.07%	3.15%	2.39%
Absolute Return	29.45	1.69%	0.48%	3.47%	6.44%	3.79%			
Debt	442.50	25.42%	0.54%	4.75%	7.72%	6.22%	5.02%	4.47%	5.04%
Public Debt	123.50	7.09%	1.61%	5.55%	9.11%				
Pooled Public Debt	48.91	2.81%	0.12%	2.58%	1.78%	1.56%	1.67%	1.30%	3.35%
Private Debt	151.82	8.72%	0.25%	7.21%	11.16%	10.73%			
Pooled Private Debt	118.28	6.79%	-0.01%	2.30%	6.47%	5.08%	5.64%	6.54%	5.86%
Total Cash	60.14	3.45%	1.68%	3.81%	5.45%	2.95%	2.00%	1.80%	1.31%
Liquidating Funds	12.52	0.72%	1.45%	64.97%	28.87%	28.89%	11.98%	2.75%	15.35%

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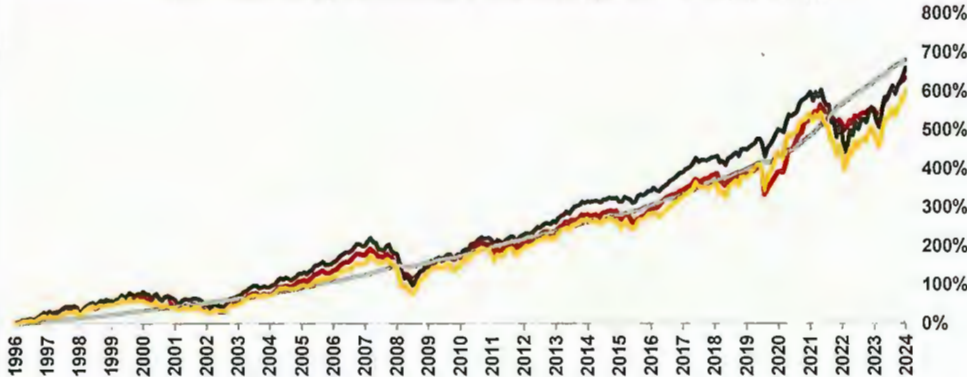


## Long Term Investment Fund (LTIF)

Benchmark Comparisons, as of August 31, 2024



### LTIF vs Benchmark Cumulative Returns



The portfolio since inception in 1996 has met the primary objective of covering the spending (Distribution) rate of 4.5%, while simultaneously growing the endowment.

**LTIF Policy Benchmarks:**  
60% Equity Global (MSCI ACWI with USA net)  
40% Debt Global Bonds (Barclays Global Agg)

Returns are since inception of the LTIF (9/1/1996)

Fund	Total Return	Annualized Return
LTIF	636.41%	7.39%
LTIF Policy Composite	659.60%	7.51%
Global 60/40 + 1%	598.05%	7.19%
CPI + 5	681.14%	7.62%

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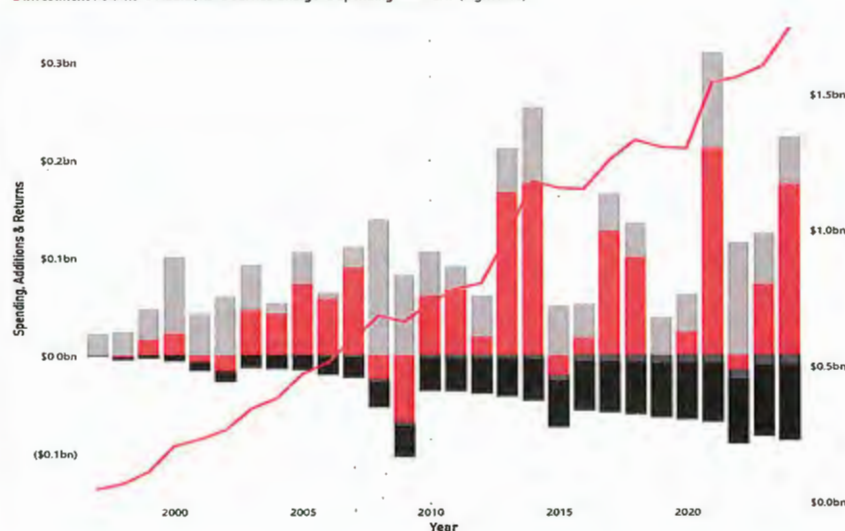
## Long Term Investment Fund (LTIF)

Market Value & Flows by Year, as of August 31, 2024



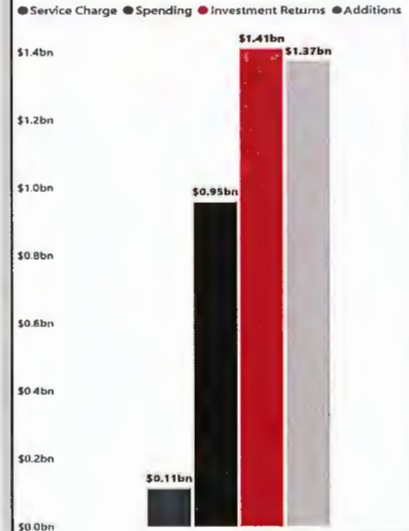
### LTIF Market Value & Flows by Year

● Investment Returns ● Additions ● Service Charge ● Spending — LTIF (Right Axis)



### Investment Returns & Flows (Since Inception)

● Service Charge ● Spending ● Investment Returns ● Additions



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## Comprehensive Cash & Investment Pool (CCIP) as of August 31, 2024



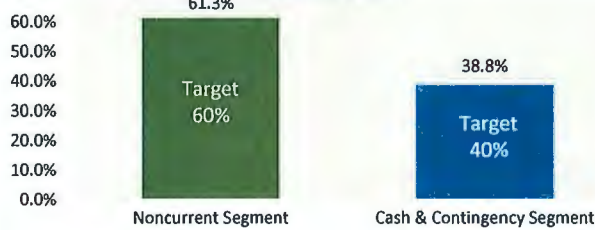
### Portfolio Holdings & Performance Overview – August 2024

Reported NAV: Total 84.6%

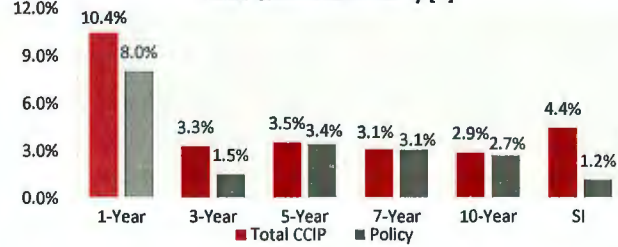
Portfolio Composition	Balance (millions)	Weight	Target	QTD	YTD	1-Year	3-Year	5-Year	7-Year	10-Year	SI
Total CCIP	2,198.52	100.0%	100.0%	2.32%	6.63%	10.44%	3.29%	3.54%	3.08%	2.89%	4.43%
CCIP Policy Composite				2.22%	4.83%	8.01%	1.53%	3.43%	3.07%	2.70%	1.15%
Global 60/40				4.59%	10.18%	16.64%	1.83%	6.77%	6.18%	5.44%	6.64%
Noncurrent Segment	1,346.51	61.3%	60.0%	2.50%	8.61%	13.17%	4.42%	5.49%	4.46%	3.85%	5.06%
NCS Composite				2.69%	5.74%	9.50%	1.06%	4.45%	3.78%	3.44%	3.75%
Cash & Contingency Segment	852.01	38.8%	40.0%	2.10%	3.69%	6.41%	1.64%	1.74%	1.59%	1.27%	1.04%
ICE BofA 0-3 Yr				1.73%	3.40%	5.79%	1.69%	1.62%	1.77%	1.44%	1.41%

### Noncurrent Segment / Cash & Contingency Segment

#### Weight Vs. Target



### Total CCIP vs CCIP Policy [C]



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## CCIP Noncurrent Segment as of August 31, 2024



### NCS Segment Summary – August 2024

Portfolio Composition	Balance (millions)	Weight	Target	QTD	YTD	1-Year	3-Year	5-Year	7-Year	10-Year	SI
Noncurrent Segment	1,346.51	100.0%	100.0%	2.50%	8.61%	13.17%	4.42%	5.49%	4.46%	3.85%	5.06%
NCS Composite				2.69%	5.74%	9.50%	1.06%	4.45%	3.78%	3.44%	3.75%
Public Equity	532.22	39.5%	25.0%	3.56%	15.78%	21.54%	5.40%	4.04%	2.87%	2.00%	5.37%
MSCI ACWI TR Net USD				4.19%	15.97%	23.44%	5.77%	12.14%	10.17%	8.78%	6.37%
Public Equity - Passive	395.33			4.05%	15.84%	20.72%					1.22%
Public Equity - Active	136.89			2.19%	16.27%	24.05%					20.44%
Public Debt	345.74	25.7%	25.0%	3.02%	3.55%	5.85%	0.54%	1.05%	0.97%	2.31%	4.51%
Bloomberg Global Agg				5.19%	1.86%	6.90%	-4.18%	-1.37%	-0.11%	0.12%	4.68%
Public Debt - Passive	189.74			3.60%	3.27%	7.11%					-0.59%
Public Debt - Active	121.37			4.28%	5.20%	9.22%					8.21%
ITIF - Public Debt	34.64			0.13%	2.60%	1.78%	1.57%	1.87%			0.44%
Diversifying Assets	284.88	21.2%	30.0%	0.93%	5.74%	6.36%	3.80%	2.81%	2.27%	2.14%	3.18%
HRFX GLOBAL HEDGE FUND US				1.16%	4.09%	5.75%	0.75%	3.19%	2.33%	1.62%	3.95%
Diversifying Assets	232.93			1.14%	6.57%	6.63%					8.94%
ITIF - Diversifying Assets	51.96			0.00%	3.17%	4.16%	3.08%	2.38%	1.97%	1.92%	3.00%
Private Debt	158.08	11.6%	20.0%	5.00%	2.30%	6.47%	5.08%	5.64%			5.82%
Private Credit Composite				0.00%	0.77%	1.56%	1.31%	3.21%	0.00%	0.00%	2.91%
Cash	27.59	2.0%	0.0%	0.78%	3.88%	5.33%	2.93%	1.89%	2.00%	1.55%	1.29%

Historical returns prior to 2021 are assets held before the creation of the NCS

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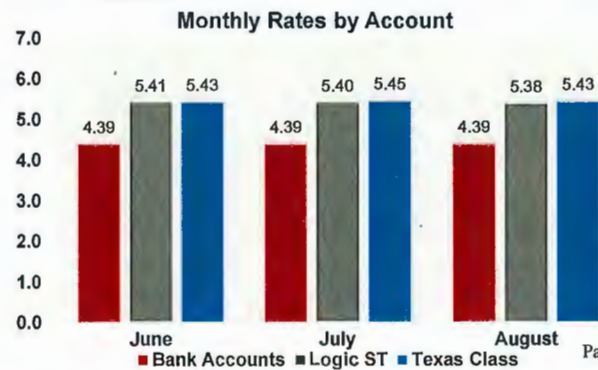
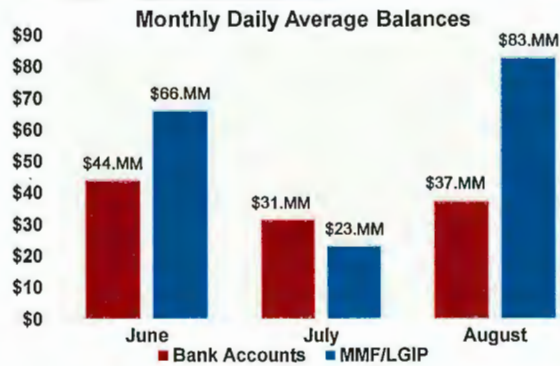


## CCIP Cash Segment as of August 31, 2024



### Cash Segment Summary – August 2024

Account	Market Value (millions)	Monthly Interest Rates Annualized		
		June	July	August
Bank Accounts	115.70	4.39	4.39	4.39
Logic ST	50.97	5.41	5.40	5.38
Texas Class	74.06	5.43	5.45	5.43
<b>Total</b>	<b>240.73</b>			



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## CCIP Contingency Segment as of August 31, 2024



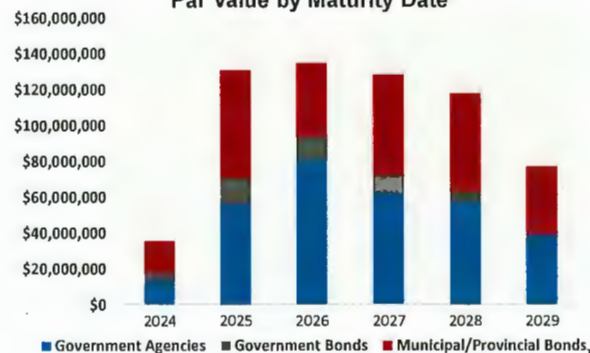
### Contingency Segment Summary – August 2024

Asset Type	N	Par Value (millions)	Book Value (millions)	Unrealized Gain/Loss (millions)	Avg Duration	Yield To Maturity	Coupon Yield
Agency	230	\$306.11	\$304.94	(\$5.75)	2.68	4.45%	2.71%
Municipal	252	\$270.85	\$264.03	(\$2.42)	2.37	4.30%	2.38%
Treasury	31	\$48.65	\$48.12	(\$0.56)	1.94	4.16%	1.44%
<b>Total</b>	<b>513</b>	<b>\$625.61</b>	<b>\$617.09</b>	<b>(\$8.74)</b>	<b>2.52</b>	<b>5.06%</b>	<b>2.42%</b>

**Book Value by Asset Type  
(millions)**



**Par Value by Maturity Date**



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## Office of Investments Personnel Update

### New Hire



**Christopher White** Senior Investment Officer

**TTUS Start Date** June 1, 2024

**TTUS Focus** Private Equity & Real Assets

**Education** University of Texas – MBA  
US Military Academy – BS

**Notable Experience** Teacher Retirement System of Texas  
US Army

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## Office of Investments

### 2024 Internship Program



**Haleigh Chavez**  
Texas Tech University  
BBA: Finance  
Graduation: December '24



**Jessica Oliver**  
Texas Tech University  
BBA: Finance /IT  
Graduation: May '25



**James Molloy**  
Angelo State University  
BBA: Finance  
Graduation: May '24

#### The Internship program:

Interns are selected during a 2-stage interview process that includes a skills test, case study, and final interview. Once selected, they spend 11 weeks in the Austin office working on projects to gain real-world experience in their field of study. They gain experience working on projects individually and collectively across various asset classes.

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## Office of Investments Personnel Update

*First Associate*



**Zach Schaffer**

**Investment Associate**

**TTUS Start Date**

**July 1, 2024**

**TTUS Focus**

**Rotation**

**Education**

**Texas Tech University– MS Finance  
Texas Tech University– BBA**

**Notable Experience**

**TTUS Internship (2023)**

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**TEXAS TECH UNIVERSITY SYSTEM**

Page 20



# Report on TTUS Endowments

As of August 31, 2024

James Mauldin, CTP, CPA  
*Vice Chancellor and Chief Financial Officer*

November 14, 2024

1

## Endowments



### Definition:

- Gifts that are invested for long term growth to produce earnings that will last into perpetuity.

### Purpose:

- Support strategic mission and goals of institution while also fulfilling philanthropic goals of individual donors.

### Benefits:

- Support that will impact both current and future generations.
- Consistent and stable source of revenue that will last into perpetuity.

### Investment Performance

- Prioritizes long-term growth to provide reliable funding over time.

2

## Endowment Funds Financial Management/Oversight



The **TTUS Board of Regents** have fiduciary responsibilities over all funds managed by the TTU System, including endowment funds.

### IA Financial Services & Stewardship/Compliance

- Annual Compilation/Distribution of Endowment Reports to Donors
- Manage endowment pledge reminders/collections
- Review setup of all new endowment funds

- Total Value in excess of \$3.1B
- More than 5,000 separate endowment funds across all TTUS Components
- 4,000+ Individual Endowment Reports prepared each year
- Annual audit by external audit firm (Foundation Endowments)

### TTUS Controller, Accounting & Reporting

- Calc/Process quarterly endowment distributions
- Manage exception processes/reporting for funds outside of LTIF Policy
- Year end profit/loss calculations/entry
- TTUS Consolidated Annual Financial Report schedules

### TTUS Investment Office

- All areas of endowment fund investments
- Performance Reports to BOR, IRC, Foundation

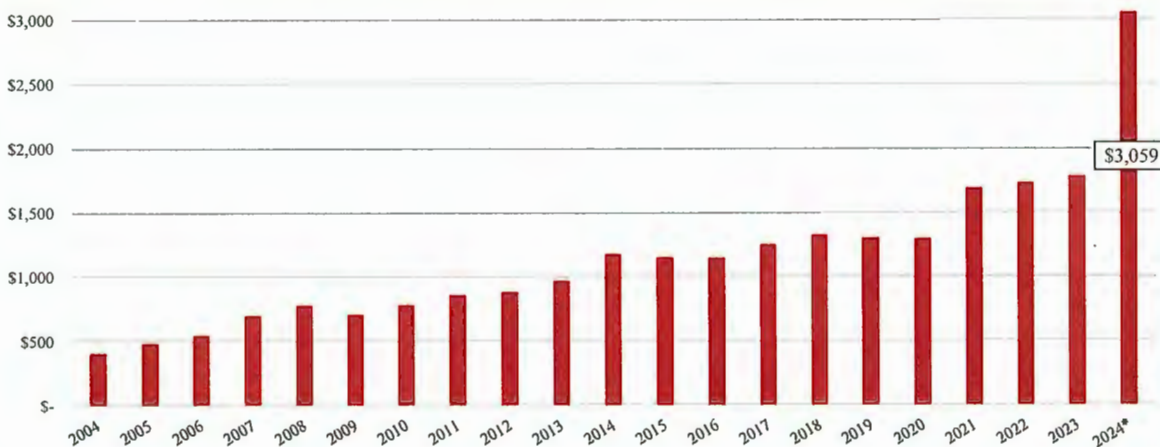
The Financial Management Structure for TTUS Endowments provides:

- Appropriate separation of duties
- Enhanced internal controls and financial compliance
- System level service/support to components on all matters related to endowments

**TTUS Vice Chancellor and CFO** (Treasurer of TTU) oversees all financial affairs of the TTU System's operating and endowment funds.

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## TTU System Total Endowment FY 2004 – FY 2024, (in Millions)

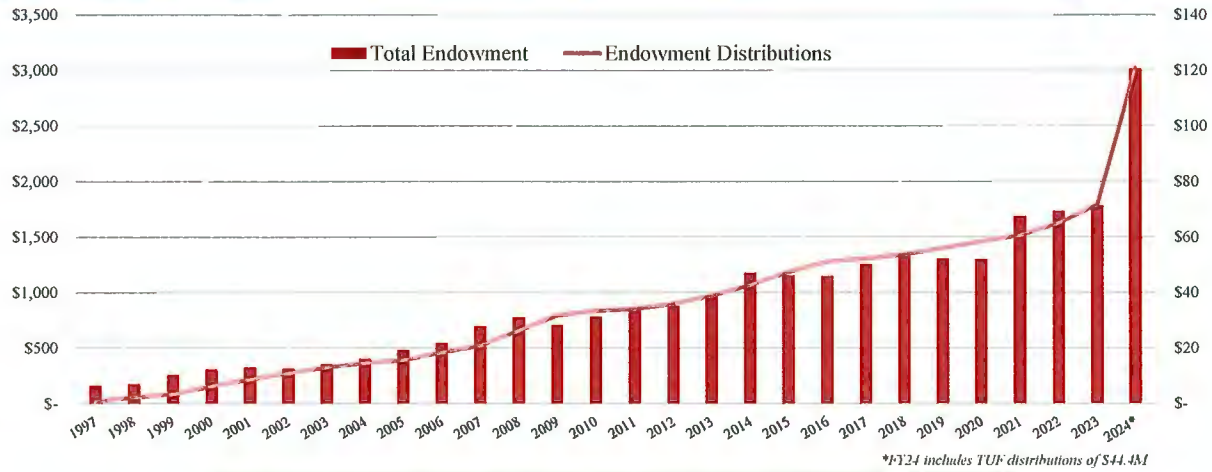


\*TUF endowment of \$1.1B and \$79M of MSU/MSU Foundation endowments consolidated with TTUS in FY 2024.

4



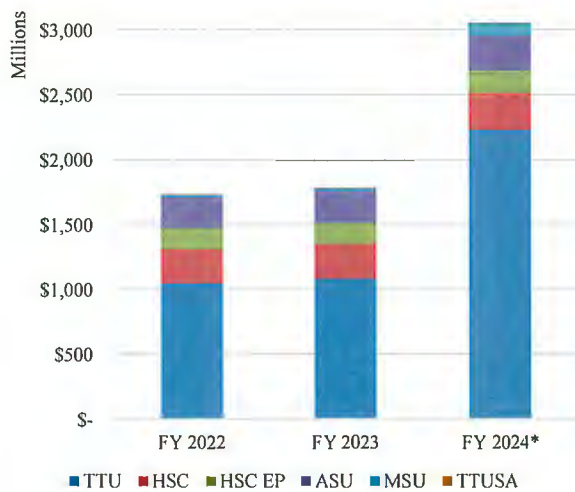
## TTU System Total Endowment FY 2004 – FY 2024, (in Millions)



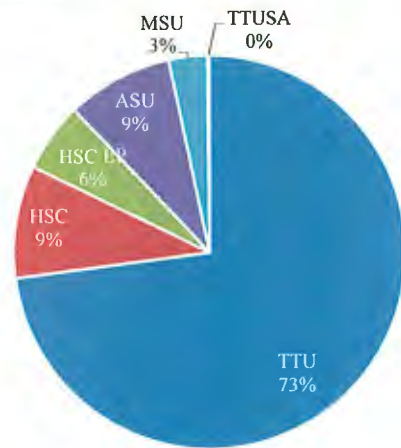
- Through careful stewardship, the target distribution rate of **4.5%** has been realized **EVERY** year since inception
- Over **\$996 million** in **total earnings** paid since inception of LTIF in FY 1996
- Increases in total distributions realized **EVERY** year since inception

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## TTUS Total Endowment by Component As of August 31, 2024



**FY 2024 Total Endowment by Component**

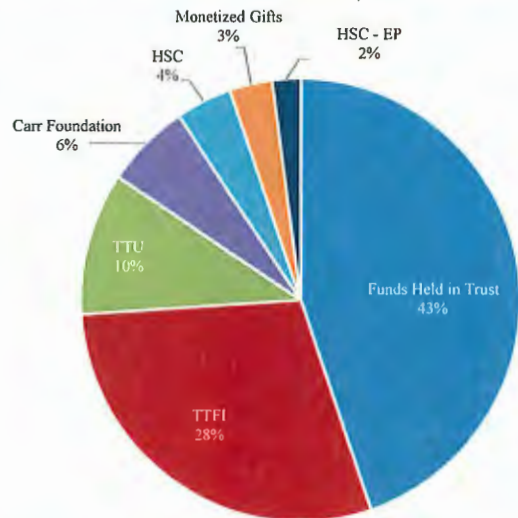


\*TUF endowment of \$1.1B and \$79M of AISU MSU Foundation endowments consolidated with TTUS in FY 2024.

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## TTUS Total Endowment by Entity

As of August 31, 2024, (in Millions)

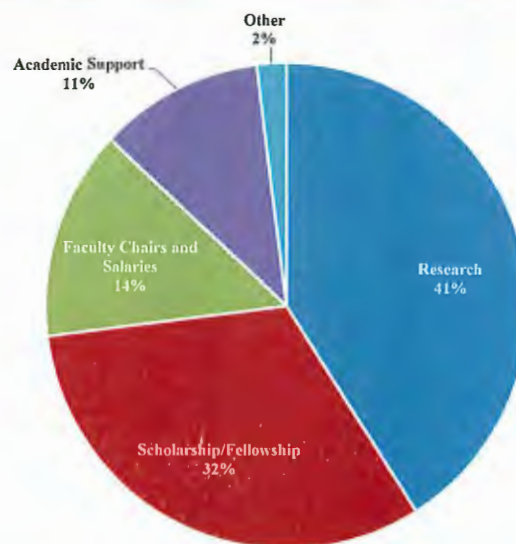


Institution	Total Endowment	(%)
Funds Held in Trust	1,321.8*	43%
TTFI	845.6	28%
TTU	303.3	10%
Carr Foundation	181.6	6%
HSC	129.6	4%
Monetized Gifts	106.9	3%
HSC EP	67.9	2%
ASU Foundation	46.7	2%
ASU	21.5	1%
MSU	19.3	1%
TTU Alumni Assoc.	10.5	<1%
System Admin	4.3	<1%
<b>TTUS Total Endowment</b>	<b>\$3,059.0</b>	<b>100%</b>

\*TUF endowment of \$1.1B and \$79M of MSU/ASU Foundation endowments consolidated with TTUS in FY 2024.

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## TTUS Total Endowment by Type



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# Questions?



# GIVE WEST TEXANS A FIGHTING CHANCE TO SURVIVE CANCER

*Comprehensive Cancer Center:  
Achieving National Cancer Institute Designation*

Lance R. McMahon, Ph.D.  
Senior Vice President for Research and Innovation

Thomas E. Hutson, D.O., Pharm.D., Ph.D.  
TTUHSC School of Medicine Professor of Internal Medicine  
Division Chief, Hematology Oncology  
Director, UMC Cancer Center

TEXAS TECH UNIVERSITY  HEALTH SCIENCES CENTER™

## TODAY'S AGENDA:

1. Understanding the Role of NCI in Cancer Care
2. Addressing Cancer Needs in West Texas
3. Pathway to NCI Designation
4. Our Vision and Partnerships for Impact

## WHAT IS THE NATIONAL CANCER INSTITUTE (NCI)?

- **Role in the NIH:** NCI drives national cancer research and improves patient outcomes
- **Top Cancer Research Funder:** NCI is the nation's leading source of cancer research funding
- **Health Care Impact:** NCI funding expands clinical trials, advances therapies, and sets standards for quality cancer care
- **Community Benefits:** NCI programs bring advanced cancer care to underserved regions, reducing disparities and improving public health

### NCI IMPACT IN 2022

**\$6.72B**  
budget



**Serving**  
**2,500**  
institutions



**Supporting**  
**60,000+**  
grants



**Benefiting**  
**300,000**  
researchers



## WHY SHOULD NCI MATTER TO YOU?

- **Better Access to Care:** Brings advanced treatments closer to home.
- **Expanded Clinical Trials:** Provides West Texans with more options for cutting-edge treatments.
- **Higher Standards of Care:** Ensures top-tier, research-backed cancer care in the region.
- **Community Health Impact:** Addresses regional health disparities with targeted interventions.
- **Economic Growth:** Drives local job creation, partnerships, and attracts health care talent.
- **Stronger Local Resources:** Enhances TTUHSC's capacity to serve West Texas communities.

## IMPORTANCE NCI BRINGS TO REGION

### NCI-DESIGNATED CANCER CENTER IN U.S.



- **Improved Access:**  
Reduces travel for advanced cancer care and treatments.
- **Addressing Disparities:**  
Targets high cancer rates and improves screening access.
- **Enhanced Care Options:**  
Brings clinical trials and innovative treatments to the region



Congress tasked the NCI with having a NCI-Designated Cancer Center within 300 miles of every American

West Texas cancer patients do not have access to a NCI-Designated Cancer Center within a 300-mile radius

TEXAS TECH UNIVERSITY  HEALTH SCIENCES CENTER™

## WEST TEXAS CANCER DISPARITIES

### HIGH CANCER RATES

Higher cancer rates, especially among Hispanic populations, reveal serious gaps in health care access and prevention

Rural patients are 5% more likely to die from cancer than urban patients due to late diagnoses and limited access to specialized care

Limited access to primary and cancer care providers, along with long travel distances, results in delays in receiving timely cancer treatment

### LATE DIAGNOSES & TREATMENT GAPS

### HIGH RISK POPULATIONS

Large Hispanic and low-income groups face unique barriers, with 22% of rural Texans uninsured—resulting in missed screenings and higher cancer mortality

### HIGHER RURAL CANCER MORTALITY

Limited provider access, funding, and NCI centers leave rural West Texans without clinical trials and specialized oncology care, worsening cancer outcomes

### LIMITED ACCESS TO CLINICAL TRIALS

TARGETED CANCER SCREENING, EARLY DIAGNOSIS, AND INTEGRATED TREATMENT AND CARE IS CRUCIAL FOR IMPROVING HEALTH OUTCOMES IN RURAL WEST TEXAS.

TEXAS TECH UNIVERSITY  HEALTH SCIENCES CENTER™



## WHAT DOES IT TAKE TO ACHIEVE NCI DESIGNATION?

- **Strong Research Infrastructure:** Develop advanced 100,000 sq. ft. cancer research facilities.
- **Scientific Excellence:** Build impactful cancer research programs; secure \$10M in NCI funding.
- **Comprehensive Cancer Care Programs:** Create multidisciplinary teams; expand trials, patient support, and facilities.
- **Community Engagement and Outreach:** Build community partnerships; enhance access, education, and health equity.
- **Leadership and Administrative Support:** Establish visionary leadership; foster innovation, infrastructure, and effective coordination.
- **Sustainable Funding and Financial Investment:** Secure diverse funding; ensure support for stable, long-term growth.
- **Demonstrated Impact and Outcomes:** Track success metrics; ensure excellence and continuous improvement.

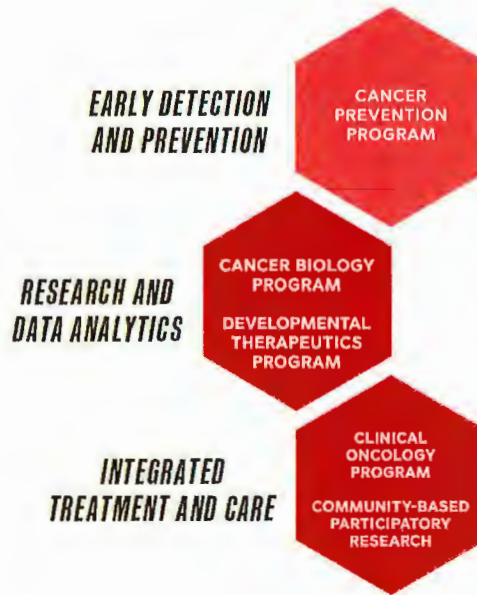


## CURRENT CANCER INFRASTRUCTURE: BUILDING ON OUR FOUNDATION

- **School of Medicine Cancer Center:** Serves as the main research hub, with \$36M in active funding and \$80M awarded over 16 years.
- **Clinical Oncology Program:** Our main clinical partner program with UMC Lubbock, specializes in breast, pediatric, and urologic cancer care.
- **Shared Resources Program:** Supports research with lab analysis, pharmacology, and data services. Located in Lubbock, Amarillo, and Dallas.
- **Cancer Biology Program:** Focuses on studying cancer at the molecular level to advance new treatments. Located in Lubbock and Amarillo.
- **Developmental Therapeutics Program:** Develops novel therapies for immunotherapy, pediatric, and urothelial cancers. Locations include Lubbock, Abilene, Amarillo, and Dallas.
- **Cancer Prevention Program:** Focused on prevention and early detection, with emphasis on breast, colon, and lung cancers in underserved areas like the Permian Basin. Based in Lubbock, Abilene, and Dallas.

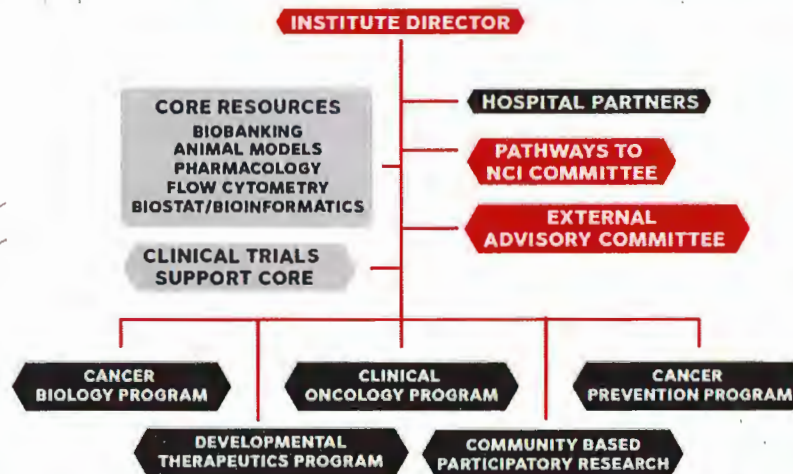


## CREATING A UNIFIED COMPREHENSIVE CANCER PROGRAM



 TEXAS TECH UNIVERSITY  
HEALTH SCIENCES CENTER

## TTUHSC'S PLAN FOR UNIFYING CANCER PROGRAMS



TEXAS TECH UNIVERSITY  HEALTH SCIENCES CENTER™

## **PARTNERING IN OUR MISSION TO COMBAT CANCER**

- Support TTUHSC's Legislative Appropriations Request, Rural Cancer Collaborative, to build infrastructure and advance the Pathway to NCI
- Strengthen partnership with UMC Lubbock to expand advanced cancer care for the West Texas region
- Expand regional partnerships to support comprehensive, regionalized cancer care
- Encourage outreach to professional health care associations, community organizations, and legislators to secure resources for rural cancer initiatives

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## Recognition: The Kenneth H. Cooper Institute

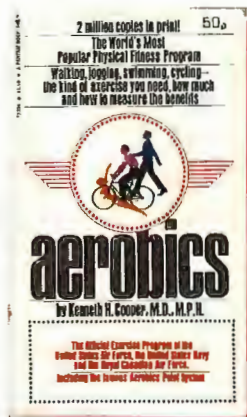
Item  
#6



### KENNETH H. COOPER INSTITUTE

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER™

*Presenters: Mr. Patrick Kramer, Dr. Tedd Mitchell, Dr. Lori Rice-Spearman,  
and Dr. Darrin D'Agostino*





## Academic Opportunities

Item  
#6



## Recognition: Endowment Gifts & Grants

Item  
#6

### TEXAS TECH FOUNDATION

- The Cooper Institute will be transferring approximately \$24.8 million in support of database management, faculty/staff support, and the fulfillment of existing grants
- The Texas Tech Foundation has received \$9,020,000 to date, with the remaining amounts to be transferred over the coming months
- In-kind contribution comprises of eight scientific freezers





## Welcome Dr. Kenneth H. Cooper

Item  
#6





Status Active PolicyStat ID 16426858



Origination	05/2017	Owner	Tony Bartl
Last Approved	08/2024	Area	06 Academic Affairs - Faculty
Effective	08/2024	Tags	10.4 SACSCOC, 10.6.a SACSCOC, 6.1 SACSCOC + 4 more
Last Revised	08/2024		
Next Review	08/2027		

## OP 06.23 Tenure and Promotion Standards and Procedures

### PURPOSE:

The purpose of this Operating Policy/Procedure (OP) is to establish the system, rules, and procedures by which tenure-track and tenured faculty members achieve tenure and rank promotions.

### REVIEW:

The OP shall be reviewed every three years or as needed by the Provost and Vice President for Academic Affairs (PVPA) and the Faculty Select Committee. This policy may be amended only by action of the Board of Regents of the Texas Tech University System.

### POLICY/PROCEDURE

This policy describes the process by which members of the faculty employed in a full-time tenure-track position at Angelo State University apply for academic tenure and/or promotion. Consistent with ASU Operating Policies *Ethics and Standards of Conduct Policy*, 52.02, *Access for Individuals with Disabilities*, 16.04, and *Equal Employment Opportunity*, 52.15, and in line with federal and state law, faculty members are protected during this process from discrimination on the basis of race, religion, gender, sexual orientation, age, national origin, and/or disability. This policy is implemented upon approval of the Board of Regents. All tenure-track and tenured faculty members are subject to this policy's applicable provisions and procedures including those not addressed in any former policy. The tenure of faculty members who have attained tenure under prior policies at ASU shall not be adversely affected by amendments to this policy.

### 1. Expected Career Progression for Tenure-Track

## Faculty Members

- a. Tenure-track faculty members are expected to follow a standard timeline for career progression which includes academic tenure and academic rank promotions.
  1. **Assistant Professor** – This is the initial rank to which tenure-track faculty members shall normally be appointed. Faculty members should be aware that Assistant Professors are employed on a probationary basis. The decision to reappoint the faculty member for the following academic year is based on a review of performance as outlined in *Annual Performance Evaluation for Tenured and Tenure Eligible Faculty, OP 06.28*.
  2. **Associate Professor** – No later than the beginning of the sixth year of credited service, faculty members must apply for tenure and promotion to Associate Professor unless an exception has been granted as provided in 1.c below. This faculty rank is awarded concomitantly with a successful tenure application.
  3. **Professor** – This is the final tenured faculty rank. To be awarded, a faculty member must complete a minimum of four (4) years of creditable service at the rank of Associate Professor at Angelo State University. Application for this promotion may occur at the beginning of the fifth year of service at Angelo State University. *Promotion to Professor is not guaranteed on the basis of time served.* The application process for promotion to Professor must follow the same process as the application for tenure, and shall be awarded based on evaluation of merit according to the Departmental performance criteria.
- b. If a faculty member is hired with service credit from another institution, as outlined in 4.b.3 and 4.f.4.a & b, the faculty member shall begin the tenure and promotion timeline at the point after which that credit has been applied.
- c. Exceptions to the timeline above must be approved by the faculty member's Department Chair, College Dean, the PVPAA, and the President of the University.

## 2. Definition of the College Tenure and Promotion Committee (CTPC)

- a. The purpose of the CTPC is to evaluate candidates' applications and make an independent recommendation to the Dean of the College and the PVPAA.
  1. Each CTPC shall include at least four (4) eligible tenured faculty members from that College.
  2. Department Chairs, Deans, and Associate Deans are ineligible to serve on the CTPC.
  3. All departments within the College must be equally represented to the extent possible.
  4. If a department cannot provide the proper number of representatives to the CTPC, the Department Chair of the affected department may appoint a tenured faculty member from a department within that Department's College to serve a one-year term in order to create equal representation.



5. If a College contains fewer than four (4) eligible faculty members, the Dean of the College shall invite eligible faculty members from a different College to serve a one-year term.
6. Members for the CTPC shall be elected from eligible candidates as defined in this section by all tenured and tenure-track faculty in each department. Each elected member shall serve for a two-year term. Department Chairs are eligible to vote, but Deans and Associate Deans are not.
7. The Dean of the College is responsible for organizing the election of the CTPC.
8. No faculty member shall serve consecutive two-year terms on the CTPC, unless a consecutive term is necessary in order to meet the requirements of the CTPC as described in this section.
9. The Dean of the College shall call the first CTPC meeting and give the committee charge, which shall include the election of a chair. The chair shall serve for one year only and an individual faculty member may not serve consecutive terms.
10. If a member of the CTPC is applying for promotion, it is the candidate's responsibility to notify the appropriate Department Chair and College Dean before the date by which promotion portfolios are submitted for consideration. The College Dean shall hold a special election to replace the candidate for a one-year term. If the candidate fails to give proper notice, the candidate shall be disqualified from consideration for promotion until the following year.

### 3. Process to Establish Department-Level Performance Criteria

- a. *Each academic department shall establish, communicate, and periodically review specific and measurable performance criteria for its tenure-track and tenured faculty members.* Each department, in collaboration with the Dean of the College, is responsible for ensuring that all performance criteria are specifically stated, measurable, and aligned with the stated mission of the Department, the College, and the University. **These criteria shall be used as the standard for all performance evaluations described below.**
- b. Each Department shall follow the general process below for the creation and establishment of these performance criteria. The Department may exercise reasonable discretion to modify the following process to account for unforeseen circumstances.
  1. All tenured and tenure-track faculty members in the department shall be given the opportunity to participate in the process.
  2. The Department Chair shall appoint a tenured faculty member to distribute the current performance criteria, solicit suggested revisions from the department tenured and tenure-track faculty members, organize those suggestions, and provide a summary report to the department's tenured and tenure-track faculty members.
  3. The Department Chair shall call a meeting of the tenured and tenure-track Department faculty to discuss and vote upon the list of suggested changes to departmental criteria. Suggestions that receive a majority of votes will be summarized by the Department Chair and submitted to the College Dean.



4. The College Dean, in collaboration with the PVPAA, shall review the submitted criteria and either approve them or return them to the Department for further revision.
  5. This process shall continue until the College Dean and the PVPAA approve the suggested criteria.
- c. All performance criteria must be classifiable into one of three categories as defined below. *The lists below are only guidelines that departments may use to guide the creation of their criteria. Acceptable criteria must be more specific and measurable than what is listed below.*
1. **Teaching** – This category includes criteria regarding student learning goals. These criteria may include (but are not limited to): evaluations of course content and delivery, demonstration of current knowledge in the discipline, new course design and implementation, construction of in-house textbooks and other instructional materials written for the purpose of enhancing ASU student learning, and/or student advising.
  2. **Research and Creative Works** – This category includes criteria related to the development of new knowledge, product, and/or theory in the faculty member's discipline. By definition, work produced in this category must have demonstrable value to populations other than the University's students. A wide variety of activities may fit into this category, some of which may be (but are not limited to): peer-reviewed print or electronic publications, non-print presentations, professional conference presentations, funded grant applications and reports, patents and other intellectual property, curatorships, and/or artistic productions and performances.
  3. **Professional Service** – This category includes criteria related to organizational citizenship, defined as service behaviors which either support the internal functioning of the University or enhance the reputation of the University in the community and region. Activities that fit into this category may include (but are not limited to): Part-time administrative duties (such as serving as a Department Chair), University committee service of all types, consultations with external organizations (paid or unpaid), invited addresses, leadership in University symposia and workshops, active membership in professional organizations and societies, and community-based activities such as serving on nonprofit boards.
- d. Department Chairs are responsible for ensuring that performance criteria are published and available to all tenured and tenure-track faculty members in the Department.
- e. Department Chairs and College Deans shall be jointly responsible for reviewing these performance criteria to determine if they still align with the needs of students, needs of the department and the College, and the mission of the University. This review shall occur at least once every three years, but may occur more often if needed. If the criteria are determined to be in need of revision, the Department Chair shall initiate the department's review procedures after notifying the Dean of the College. *If revisions of the criteria are not completed and approved by the College Dean and the PVPAA before the last Friday before the fall semester begins, the current criteria shall remain in place, unamendable, for the duration of that academic year.*
- f. Revisions of department criteria may not unfairly disadvantage tenure-track faculty members by creating a situation where new standards cannot be reasonably achieved before the sixth-



year tenure evaluation.

## 4. Admission to Tenure: Timeline

- a. The only faculty appointments that may lead to tenure are: Assistant Professor, Associate Professor, and Professor.
- b. Admission to tenure is a six-year probationary process. Unless a faculty member has been granted permission to apply for tenure at an earlier date in accordance with Section 4(e) below, the University shall not recommend candidates for tenure prior to their sixth year of service (as calculated based on the conditions that follow):
  1. The six-year timeline shall begin in September of the first academic year following the faculty member's appointment.
  2. This timeline cannot be reduced by previous appointments that were not tenure-eligible.
  3. A faculty member hired in possession of tenure-eligible service time at another university may request that a maximum of three (3) years of service be applied toward the required six-year probationary timeline. Approval for this request must be obtained from the faculty member's Department Chair, College Dean, and the PVPAA. The PVPAA has the right to reduce the recommended credit to fewer than three (3) years.
- c. In certain circumstances, it may be necessary to consider awarding tenure to a faculty member at the time of hire. To do so, the candidate's application materials must follow the process below. The candidate may be employed before tenure is granted, however, employment does not guarantee tenure.
  1. The candidate's tenure application materials shall be evaluated by the tenured faculty in the relevant department. After electing a chair, the tenured faculty must vote to approve or deny a recommendation of tenure.
  2. The result of this vote shall be given to the (acting) Department Chair, who shall write either a concurring or dissenting opinion.
  3. The department's vote and the (acting) Department Chair's opinion shall be given to the College Dean, who shall write either a concurring or dissenting opinion.
  4. The department's vote, the (acting) Department Chair's opinion, and the College Dean's opinion shall be given to the PVPAA, who shall make a recommendation to the President.
  5. The President shall make a recommendation to the Board of Regents who have the sole authority to confer tenure.
- d. All time accrued in full-time service at Angelo State University while employed in a tenure-eligible position and at the appropriate rank shall count toward the six-year probationary period. Upon the request of the faculty member, the timeline may be suspended by the PVPAA after consulting with the faculty member's Department Chair and College Dean. If the request to suspend the timeline is not approved, the faculty member may file an appeal with their Department Chair or College Dean within 30 days of the PVPAA's decision. The appeal shall be heard by the PVPAA within 30 days of the appeal, and a decision shall be rendered within 14



days of the hearing. Only one such appeal shall be allowed.

- e. A faculty member may apply for permission to be evaluated for tenure and promotion before six years of service credit have been accumulated (hereafter called "early tenure"). *Permission to apply for early tenure does not explicitly or implicitly mean that early tenure shall be granted.*

The process below shall be followed to potentially receive this permission:

1. The faculty member shall submit a formal request for permission to apply for early tenure to the Chair of the Department by March 1. This request shall include a letter from the faculty member that summarizes the arguments for granting permission and a complete and current curriculum vitae.
2. The Department Chair shall write a brief opinion of the faculty member's merit for early tenure and submit all materials to the College Dean by March 25.
3. The College Dean shall write a brief opinion of the faculty member's merit for early tenure and submit all materials to the PVPAA by April 15.
4. The PVPAA and the President of the University shall review the submitted materials and decide to either grant or deny permission to apply for early tenure.
5. The faculty member shall receive notification of this decision by May 1. If the request to be evaluated for early tenure is approved, that evaluation shall commence in the next academic year according to the schedule of events described in this policy, Section 4(f)(3).

- f. The process for admission to tenure candidacy shall conform to the following sequence of activities.

1. **Years One and Two** - All departments are required to conduct evaluations of tenure-track faculty during Year 1 and at the beginning of Year 2 of their service. These evaluations are governed by the processes outlined in the University's annual faculty evaluation policy (see *Annual Performance Evaluation for Tenured and Tenure Eligible Faculty*, OP 06.28). The Department Chair must also meet with the faculty member as part of this process to discuss progress toward tenure and provide suggestions for improvement, according to the performance criteria set by each department.
2. **Year Three** - Each department shall conduct a review of its tenure-track faculty during the third year of the faculty member's probationary timeline using the department's performance criteria. This procedure must include a written assessment and recommendation regarding the faculty member's progress toward tenure. If a faculty member is employed in two departments unequally (i.e., 75% in one, 25% in the other), the department containing the majority of this workload shall be responsible for the evaluation. If the faculty member is employed in two departments equally, each department must conduct an independent evaluation according to this procedure. **This evaluation shall follow the same timeline shown in Section 9 of this document, as far as it applies.**
  - a. The Department Chair(s) shall organize a meeting of all tenured faculty members within the department(s) to evaluate third-year faculty members. The Department Chair(s) shall not participate in the meeting, but shall deliver a charge to the committee at the beginning of the first meeting.
  - b. The participating tenured faculty members must elect an ad hoc chair for



the meeting before evaluations begin.

- c. If there are fewer than three (3) tenured faculty members eligible to participate in this meeting, the Department Chair(s) and the College Dean(s) shall collaborate to invite tenured faculty members from outside the department to participate by contacting departments within the College.
  - d. After deliberation, the tenured faculty shall vote by anonymous ballot as to whether the faculty member(s) are making successful progress toward tenure and should be retained based on department criteria of performance. The committee chair shall submit a set of meeting minutes, redacted for anonymity, which summarizes the meeting's activities. Votes of "NO" must be accompanied by substantive comments supporting the vote. If substantive comments are not provided, the vote will not be counted.
  - e. The decision of the tenured faculty, including all ballots and any justification for negative votes, shall be submitted to the Department Chair(s) who shall write a concurring or dissenting opinion.
  - f. The faculty decision and the Department Chair(s)'s opinion shall be submitted to the College Dean(s), who shall render a decision regarding renewal of the faculty member's employment. However, the PVPAA and the President retain the right to overrule this decision.
3. **Year Six** – In the spring semester of the tenure-track faculty member's fifth year of service, notification of tenure candidacy shall be sent from the office of the PVPAA to the faculty member.
  4. **Exceptions to the timeline** shall be made for faculty members who were hired with years of service credited to them as outlined in this section.
    - a. If one (1) year of service was credited, the evaluations at Years One and Two and the Third-Year evaluation shall correspond to Years 2, 3 and 4 of credited service.
    - b. If two (2) or three (3) years of service were credited, the faculty member shall receive a Year One and a Third-Year Review; the Year Two evaluation shall be omitted.

It is the sole responsibility of the faculty member to prepare a portfolio in support of his/her candidacy according to the guidelines and timeline described in Sections 7 and 10 of this document, including any adjustments to the timeline approved by the PVPAA and the President of the University. If a faculty member is employed in two departments unequally (i.e., 75% in one, 25% in the other), the department containing the majority of this workload shall be responsible for the evaluation. If the faculty member is employed in two departments equally, *each department* must conduct an independent evaluation according to this process.

**The tenure candidate must receive copies of all documents that become part of the candidate's portfolio as it moves through the process.** This includes copies of signature forms from faculty committees and letters from Department Chair(s) and Dean(s). However, the original materials **will not**

be returned to the faculty member.

The tenure candidate may elect to withdraw a portfolio **at any time before it reaches the office of the PVPAA**.

The candidate's documentation shall be evaluated according to the process described in Section 6.

## 5. Promotion to Professor: Timeline

An application for promotion to Professor may be submitted by a tenured Associate Professor no earlier than at the beginning of the fifth year of service at that rank *and* according to submission deadlines published annually by the office of the PVPAA.

It is the sole responsibility of the faculty member to prepare a portfolio in support of his/her application for promotion. If a faculty member is employed in two departments unequally (i.e., 75% in one, 25% in the other), the department containing the majority of this workload shall be responsible for the evaluation. If the faculty member is employed in two departments equally, *each department* must conduct an independent evaluation.

**The promotion candidate must receive copies of all documents that shall become part of the candidate's portfolio as it moves through the process.** This includes copies of signature forms from faculty committees and letters from Department Chair(s) and Dean(s).

The promotion candidate may elect to withdraw a portfolio at any time **before it reaches the office of the PVPAA**.

The applicant's documentation shall be evaluated according to the process outlined in Section 6.

## 6. Evaluation Process for Tenure and Promotion Decisions

- a. **Department Evaluation** – the appropriate Department Chair(s) shall organize a meeting of the tenured faculty of the department to vote on the candidates' portfolios. If there are no tenured faculty members in the Department, tenured faculty members from other Departments within the College shall be appointed by the College Dean.
  1. The Department Chair(s) shall not participate in the meeting or vote regarding the portfolios, but shall deliver a charge to the committee at the beginning of the first meeting. It is permissible to allow tenured faculty members to evaluate the portfolios individually in preparation for this meeting.
  2. An ad hoc chair shall be chosen by the tenured faculty from among those members present before evaluating portfolios.
  3. A vote by anonymous ballot shall be conducted where each tenured faculty member shall vote to approve or deny tenure.
  4. The ad hoc chair shall tabulate the results, witnessed by the members of the committee, and complete the required form indicating the decision made (approve, deny, or tie). The committee chair shall submit a set of meeting minutes, redacted



for anonymity, which summarizes the meeting's activities. Votes of "NO" must be accompanied by written substantive comments supporting the vote. If substantive comments are not provided, the vote will not be counted.

5. The required forms, ballots, and justifications shall be submitted to the appropriate Department Chair(s) to complete this step. The Department Chair(s) shall also provide copies of forms and justifications to the candidate.
- b. **Department Chair Evaluation** – the Department Chair(s) shall review the decision of the tenured faculty for each portfolio and then write either a concurring or dissenting opinion regarding each candidate. This opinion shall be inserted into the appropriate tabs in each portfolio, a copy of which shall be distributed to the candidate. The portfolio shall then be submitted to the appropriate CTPC(s) for review.
- c. **CTPC Evaluation** - the CTPC(s) shall review the decision of the tenured faculty and the Department Chair(s) for each portfolio and then vote to approve or deny tenure based on its own evaluation of the portfolio against the relevant department performance criteria. Committee members may not participate in this meeting via teleconference. The College Dean **may not** participate in the proceedings of the CTPC.
  1. The vote shall be anonymous, and all votes shall be tallied in the presence of the committee members.
  2. The committee chair shall submit a set of meeting minutes, redacted for anonymity, which summarizes the meeting's activities. Votes of "NO" must be accompanied by written substantive comments in support of the vote. If substantive comments are not provided, the vote will not count.
  3. The CTPC chair(s) shall complete the signature forms and collect the ballots and any necessary justifications, which shall all be submitted to the College Dean(s) for review.
- d. **College Dean Evaluation** – the College Dean(s) shall review the decision of the tenured faculty, the Department Chair(s), and the CTPC(s) for each portfolio and then write either a concurring or dissenting opinion regarding each candidate. This opinion shall be inserted into the appropriate tab in each portfolio, a copy of which shall be distributed to the candidate. The College Dean(s) must also provide a copy of the CTPC forms and justifications to the candidate at this time. The portfolio shall then be submitted to the PVPAA for review.
- e. **PVPAA Evaluation** – the PVPAA shall review the decision of the tenured faculty, the Department Chair(s), the CTPC(s), and the College Dean(s) for each portfolio. The PVPAA shall add a memo indicating approval or disapproval of each candidate for inclusion into the portfolios, and then submit all documentation for the President's approval.
- f. **President's Evaluation** – the President shall make recommendations for tenure and /or promotion to the Board of Regents based on personal judgment of the candidate's portfolio and also on the results of the evaluative process described above. *Only the Board of Regents may award tenure.*



## 7. Guidelines for the Construction of Tenure and Promotion Portfolios

~~All tenure and promotion portfolios shall be contained in a hardcover binder with tabs separating each section from the others. It is the responsibility of the faculty member to provide enough plastic page covers to accommodate the letters and other documentation that will be added during the evaluation process. No other documentation beyond what is listed below shall be considered during portfolio evaluations.~~

All tenure and promotion portfolio materials shall be gathered by the faculty member except where indicated in the *Tenure and Promotion Portfolio Guidelines* section listed below. No other documentation beyond what is listed below shall be considered during portfolio evaluations. All materials must be assembled and submitted in electronic (digital) format. Faculty will abide the policies and procedures for electronic assembly and submission as determined by their College.

~~The original~~ Any documentation generated by the tenure and promotion process, including ballots, meeting minutes, inserted letters, and all faculty-submitted materials shall be electronically archived in the office of the PVPAA, which may be obtained by the faculty member upon request. ~~Faculty members may request from the PVPAA access to the original documentation.~~

### **Tenure and Promotion Portfolio Guidelines**

- a. ~~The tab identifying the first~~ Section 1: Forms. This section shall be labeled "Forms" should contain the following materials. The following items must be included:
  1. ~~The~~ PVPAA letter indicating tenure eligibility for probationary faculty or a signed form indicating the applicant has completed four (4) years of credited service at the rank of Associate Professor and is therefore eligible for promotion to the rank and is therefore eligible for promotion to of Professor inserted by the faculty member.
  2. ~~An empty plastic cover to allow for the insertion of the~~ The completed Department-level recommendation form inserted by the chairperson of the Department Tenure and Promotion Committee.
  3. ~~An empty plastic cover to allow for the insertion of the~~ The completed GTPC College-level recommendation form inserted by the chairperson of the College Tenure and Promotion Committee.
- b. ~~The tab identifying the second section shall be labeled "Department Criteria". It is the responsibility of the faculty member to insert a copy of the approved Departmental performance criteria into this section so that they may be referenced during the review process.~~
- c. ~~The tab identifying the third section shall be labeled "PVPAA's Memo".~~
- d. ~~The tab identifying the fourth section shall be labeled "Dean's Letter".~~
- e. ~~The tab identifying the fifth section shall be labeled "Department Chair's Letter and Annual Evaluations". In addition to the Department Chair's signed letter, an official, signed copy of each annual faculty evaluation must be included.~~
- f. Section 2: Department Criteria. This section should contain the list of departmental



- performance criteria inserted by the faculty member for reference during the review process.
- g. Section 3: PVPAA Memo. This section should contain the PVPAA's Memo inserted by the Dean of the faculty member's College.
  - h. Section 4: Dean's Letter. This section should contain the Dean's Letter inserted by the Dean of the faculty member's College.
  - i. Section 5: Department Chair's Letter and Annual Evaluations. This section should contain the following materials inserted by the Department Chair.
    - 1. The completed Department Chair's letter inserted by the Department Chair.
    - 2. The faculty member's annual evaluations for the appropriate period of time inserted by the Department Chair.
  - j. ~~The tab identifying the sixth section shall be labeled "Section 6: Curriculum Vitae". This section shall include a~~ A complete version of the candidate's CV, including work that was performed at another university for candidates hired with service credit.
  - k. ~~The tab identifying the seventh~~ Section 7: Teaching Effectiveness. This section shall be labeled "Teaching Effectiveness" should contain the following materials. The following items must be included:
    - 1. ~~A personal essay describing the ways in which the candidate's teaching knowledge and skills have developed positively during the relevant period, how this has translated into outcomes, and how these outcomes meet the Department's performance criteria, including qualitative evidence of teaching and advising effectiveness beyond what is reflected in the IDEA reports. The essay is to be inserted by the faculty member.~~
    - 2. ~~Summary~~ The summary course evaluation reports evaluations (IDEA reports surveys) for all classes/courses taught at ASU Angelo State University during the relevant period of time (i.e., the probationary period or period since the time of last promotion) inserted by the Department Chair.
    - 3. ~~A personal essay describing the ways in which the candidate's teaching knowledge and skills have developed positively during the relevant period, how this has translated into outcomes, and how these outcomes meet the Department's performance criteria. The essay should reference qualitative evidence of teaching and advising effectiveness beyond what is reflected on the IDEA reports.~~
  - l. ~~The tab identifying the eighth~~ Section 8: Scholarly Activity. This section shall be labeled "Scholarly Activity" should contain the following materials. The following items must be included:
    - 1. A list of all specific scholarly works and achievements completed during the candidate's relevant period (i.e., the probationary period or period since the time of last promotion) inserted by the faculty member.
    - 2. A personal essay describing the ways in which the candidate's scholarly activity has developed positively over during the relevant period, how this has translated into outcomes, and how this work meets these outcomes meet the Department's performance criteria. The candidate should narratively describe the development of his/her scholarly activities so that the reader may see how the activity reflected in



the ~~CVCBV~~ has contributed to the candidate's ~~professional~~ personal growth. The essay is to be inserted by the faculty member.

- m. ~~The tab identifying the ninth tab shall be labeled "Section 9: Professional Service". The This section should contain the following items must be included: materials.~~
1. A dated list (bulleted or numbered) of service activities completed during the ~~candidate's~~ relevant period (i.e., the probationary period or period since the time of last promotion) inserted by the faculty member.
  2. A personal essay describing in detail these relevant service activities, how these activities have contributed to the mission of the University and to the candidate's professional development, and how these activities meet the Department's performance criteria. The essay is to be inserted by the faculty member.

## 8. Termination Rules and Procedures for Grievance

- a. Faculty may be involuntarily separated from their employment with the University in the following ways:
  1. **Termination with immediate effect** - this is defined as an immediate revocation of the current employment appointment for a non-tenured tenure-track faculty member.
  2. **Non-reappointment** - this is defined as the University's refusal to offer further employment to a non-tenured tenure-track faculty member beyond the end of the current employment appointment.
  3. **Denial of tenure** - this is defined as termination as a result of a failed tenure candidacy. The tenure-track faculty member shall receive a terminal appointment for the next academic year before the termination takes full effect.
  4. **Revocation of tenure and termination with immediate effect** - this is defined as an immediate revocation of both tenure status and employment with the University for a tenured faculty member.
- b. Tenure-track faculty members who are denied tenure with the University may appeal according to the process outlined in *Faculty Non-Reappointment and Tenure Revocation, OP 06.29*.
- c. The revocation of tenure by the University from a tenured faculty member shall automatically initiate a review process as outlined in *Faculty Non-Reappointment and Tenure Revocation, OP 06.29*.

## 9. Procedures for Policy Review and Revision

This section describes the procedure by which this operating policy may be amended. **No other amendments may be made outside of this procedure.**

- a. The Faculty Select Committee (FSC) shall consist of two (2) members from each undergraduate college, elected by the tenured and tenure-track faculty in an election administered by the office of the PVPAA and the President of the Faculty Senate. The representatives from each college may not come from the same department. The election must be designed such that a remedy exists in case the election results violate this rule.

- b. The office of the PVPAA is responsible for calling the initial meeting of the Faculty Select Committee (FSC) to begin the revision process.
- c. The chair of the FSC shall convene the committee regularly to review the current operating policy and make a list of recommendations for revision, which shall then be submitted to the office of the PVPAA.
- d. The initial list of recommendations shall be submitted for review to the Faculty Senate through the office of the PVPAA. The Faculty Senate shall produce a list of suggested changes, attach this list to the original recommendations, and return the documents to the PVPAA.
- e. All documentation shall be submitted for review to the Department Chairs through the office of the PVPAA. The Department Chairs shall produce a list of suggested changes and attach this list to the original recommendations and the suggestions of Faculty Senate. All documentation shall then be returned to the office of the PVPAA.
- f. All documentation shall be submitted for review to the Deans' Council through the office of the PVPAA. The Deans' Council shall produce a list of suggested changes and attach this list to the original recommendations, the suggestions of the Faculty Senate, and the suggestions of the Department Chairs. All documentation shall then be returned to the office of the PVPAA.
- g. The office of the PVPAA shall return all lists of suggested changes to the chair of the FSC. The FSC shall meet to integrate the suggested changes into a new draft, which shall be returned to the office of the PVPAA and cycled through the approval sequence described in this section.
- h. When a draft of the policy has been approved by all stakeholders, it shall be submitted to the President of the University for approval and then to the Board of Regents.
- i. If, after three (3) complete cycles of revision, a consensus has not been reached regarding revisions to this policy, the PVPAA shall appoint an *ad hoc* committee composed of three (3) representatives from the Faculty Senate and three (3) representatives from the Deans' Council to reach consensus.

## 10. Generic Calendar for Tenure/Promotion Workflow

- a. The University shall evaluate faculty members for tenure and/or promotion according to the following timeline if at all possible.
- b. The office of the PVPAA may make reasonable adjustments to this timeline to account for unforeseen circumstances that make it untenable. Any adjustments made shall apply to all candidates under evaluation and may not be used to selectively advantage or disadvantage a particular candidate. Adjustments must also be approved by the President of the University.

### Generic Tenure/Promotion Calendar

Process Step	Target Date	2017-2018 (Example)
Portfolio Submitted	3 <sup>rd</sup> Friday, Fall Semester, 5pm CST	September 15, 2017
Department-Level Evaluation Completed	6 <sup>th</sup> Friday, Fall Semester, 5pm CST	October 6, 2017



Chair's Recommendation Completed	8 <sup>th</sup> Friday, Fall Semester, 5pm CST	October 20, 2017
CTPC-Level Evaluation Completed	10 <sup>th</sup> Friday, Fall Semester, 5pm CST	November 3, 2017
College Dean's Recommendation Completed	12 <sup>th</sup> Friday, Fall Semester, 5pm CST	November 17, 2017
PVPAA's Recommendation Completed	15 <sup>th</sup> Friday, Fall Semester, 5pm CST	December 8, 2017
President's Recommendations Sent to BoR	In time for March BOR Meeting	January, 2018

Link A: [Tenure/Promotion Portfolio Requirements](#)

Link B: [Form 1, Candidate Eligibility](#)

Link C: [Form 2, Department Recommendation](#)

Link D: [Form 3, College Committee on Tenure and Promotion Recommendation](#)

Link E: [IDEA Course Summary Report](#)

## Approval Signatures

Step Description	Approver	Date
Final Administrative Approval	Christena Parks: Curriculum & Policy Coordinator	08/2024
President Approval	Ronnie Hawkins: President	08/2024
Provost and Vice President for Academic Affairs	Donald Topliff: Provost & Vice President for Academic Affairs	08/2024
Initial Policy Review Representative	Christena Parks: Curriculum & Policy Coordinator	08/2024
	Tony Bartl	08/2024

## Tags

10.4 SACSCOC, 10.6.a SACSCOC, 6.1 SACSCOC, 6.2.a SACSCOC, 6.3 SACSCOC, 6.4 SACSCOC, Board of Regents approval required



Angelo State University  
Campus Condition Report - FY2024  
October 22, 2024

Summary by Period and Category						
Period	Critical	Deferred	Planned	Adaptation	Total	
Budgeted - Current Year	\$ -	\$ 170,359	\$ 5,700,436	\$ 11,531,953	\$ 17,402,748	
Expenditures - Previous Year	\$ -	\$ 1,140,000	\$ 3,279,154	\$ 4,713,805	\$ 9,132,959	
Projected - Years 2 Through 5	\$ -	\$ 850,000	\$ 6,648,004	\$ 10,419,772	\$ 17,917,776	
Unbudgeted - Current Year	\$ -	\$ 400,000	\$ 180,000	\$ 750,000	\$ 1,330,000	
Total	\$ -	\$ 2,560,359	\$ 15,807,594	\$ 27,415,530	\$ 45,783,483	
Summary by Type and Category						
Maintenance Type	Critical	Deferred	Planned	Adaptation	Total	
Architectural	\$ -	\$ 950,000	\$ 2,293,529	\$ 22,226,073	\$ 25,469,602	
HVAC	\$ -	\$ -	\$ 770,000	\$ 109,685	\$ 879,685	
Plumbing and Electrical	\$ -	\$ 260,000	\$ 1,092,200	\$ 240,000	\$ 1,592,200	
Safety	\$ -	\$ 700,359	\$ 4,314,865	\$ 754,772	\$ 5,769,996	
Legal and Mandatory	\$ -	\$ 200,000	\$ -	\$ 35,000	\$ 235,000	
Other	\$ -	\$ 450,000	\$ 7,337,000	\$ 4,050,000	\$ 11,837,000	
Total	\$ -	\$ 2,560,359	\$ 15,807,594	\$ 27,415,530	\$ 45,783,483	
Per Priority Review						
Priority	Project Name	Period	Category	Type	Amount	
1	Phase 2 HVAC Replacements	Unbudgeted - CY	Deferred Maintenance	HVAC	\$ 80,000.00	
1	Phase 3 - HVAC Replacements	Projected - Year 2	Deferred Maintenance	Other	\$ 450,000.00	
2	1st Community CU Stadium - Video Board Replacement	Projected - Year 2	Deferred Maintenance	Plumbing /Electrical	\$ 200,000.00	
3	Carr Education - Fine Arts - Plumbing Repairs	Budgeted - CY	Planned Maintenance	Other	\$ 325,000.00	
4	P32, P07A Parking Lot repairs	Budgeted - CY	Planned Maintenance	Architectural	\$ 500,000.00	
5	Carr Education - Fine Arts - Restroom Refresh	Budgeted - CY	Planned Maintenance	Architectural	\$ 500,000.00	

E&G Deferred Maintenance	\$ 400,000.00
Non-E&G Deferred Maintenance	\$ 2,160,359.00
Total Deferred Maintenance	\$ 2,560,359.00

THECB - Fall 2023	
Building Replacement	DM Index Value
Estimate Report	
\$ 454,621,815	0.0880%
\$ 1,472,782,597	0.1738%

Educational and General Campus Condition Index Value (EGCCIV)	
Institution-Wide Campus Condition Index Value (IWCCIV)	

Midwestern State University  
Campus Condition Report - FY2024  
October 11, 2024

Summary by Period and Category									
Period	Critical	Deferred	Planned	Adaptation	Total				
Budgeted - Current Year	\$ 30,316	\$ 108,968	\$ 10,431,426	\$ 30,000	\$ 10,600,710				
Expenditures - Previous Year	\$ 390,371	\$ 138,794	\$ 3,033,496	\$ 5,366	\$ 3,568,027				
Projected - Years 2 through 5	\$ 13,200	\$ 1,474,800	\$ 21,690,840	\$ 1,972,000	\$ 25,160,840				
Unbudgeted - Current Year	\$ -	\$ -	\$ -	\$ -	\$ -				
Total	\$ 433,887	\$ 1,722,562	\$ 35,155,762	\$ 2,007,366	\$ 39,329,577				
Summary by Type and Category									
Maintenance Type	Critical	Deferred	Planned	Adaptation	Total				
Architectural	\$ -	\$ 1,232,718	\$ 13,565,848	\$ 1,106,798	\$ 15,905,364				
HVAC	\$ 359,769	\$ 278,615	\$ 5,260,840	\$ -	\$ 5,899,224				
Plumbing and Electrical	\$ 58,802	\$ 38,628	\$ 5,136,472	\$ 30,000	\$ 5,263,902				
Safety	\$ 15,316	\$ 131,601	\$ 3,621,015	\$ 670,568	\$ 4,438,500				
Legal and Mandatory	\$ -	\$ 12,000	\$ 927,906	\$ 80,000	\$ 1,019,906				
Other	\$ -	\$ 29,000	\$ 6,643,681	\$ 120,000	\$ 6,792,681				
Total	\$ 433,887	\$ 1,722,562	\$ 35,155,762	\$ 2,007,366	\$ 39,319,577				
Top Five Priority Projects									
Priority	Name	Period		Category	Type	Amount			
1	Concrete stabilization, partial depth repairs for	Budgeted - Current Year	Planned Maintenance	Planned Maintenance	Other	\$	\$	\$	386,640
2	Top slab installation for tunnel ceilings	Budgeted - Current Year	Planned Maintenance	Planned Maintenance	Other	\$	\$	\$	802,980
3	Repairs to elevator so it is code compliant	Budgeted - Current Year	Planned Maintenance	Planned Maintenance	Legal and Mandatory	\$	\$	\$	21,021
4	Investigate/Mod Mass Comm HVAC system	Budgeted - Current Year	Planned Maintenance	Planned Maintenance	HVAC	\$	\$	\$	150,000
5	Condenser water pump assemblies (3 & 4 out	Budgeted - Current Year	Deferred Maintenance	Deferred Maintenance	HVAC	\$	\$	\$	38,000

E&G	\$	912,122
Non-E&G Deferred Maintenance	\$	810,440
Total	\$	1,722,562

THECB - Fall 2023 Building Replacement Estimate		DM Index Value	
Report		Report	
\$		383,542,422	
\$		1,137,352,738	
Educational and General Campus Condition Index Value (EGCCIV)		0.2378%	
Institution-Wide Campus Condition Index Value (IWCCIV)		0.1515%	

Texas Tech University  
Campus Condition Report - FY2024  
October 23, 2024

Summary by Period and Category						
Period	Budgeted - Current Year	Critical	Deferred	Planned	Adaptation	Total
Budgeted - Current Year	\$	\$	11,943,713	\$ 62,487,311.00	\$ 112,228,850	\$ 186,659,874
Expenditures - Previous Year	-	\$	10,113,138	\$ 8,034,472	\$ 25,701,853	\$ 43,849,463
Projected - Years 2 Through 5	-	\$	5,618,864	\$ 25,742,304	\$ 150,000	\$ 31,511,168
Unbudgeted - Current Year	-	\$	-	-	-	-
Total	-	\$	27,675,715	\$ 96,264,087	\$ 138,080,703	\$ 262,020,505
Summary by Type and Category						
Maintenance Type	Critical	Deferred	Planned	Adaptation	Total	
Architectural	\$	7,791,175	\$ 12,217,013	\$ 122,864,148	\$ 142,872,336	
HVAC	\$	15,558,750	\$ 39,735,155	\$ 10,910,780	\$ 66,204,685	
Plumbing and Electrical	\$	2,923,976	\$ 14,194,411	\$ 3,127,607	\$ 20,245,994	
Safety	\$	-	\$ 15,915,928	\$ 579,275	\$ 16,495,203	
Legal and Mandatory	\$	1,030,000	\$ 8,594,159	\$ 473,893	\$ 10,098,052	
Other	\$	371,814	\$ 5,607,421	\$ 125,000	\$ 6,104,235	
Total	\$	27,675,715	\$ 96,264,087	\$ 138,080,703	\$ 262,020,505	
Top Five Priority Projects						
Priority	Project Name	Period	Category	Type	Amount	
1	Liberal - Elevator W/L Modernization	Budgeted - Current Year	Planned Maintenance	Other	\$	170,000
2	TTU Plaza - Building Controls Replacement	Budgeted - Current Year	Planned Maintenance	HVAC	\$	100,000
3	Drane - Replace Multi-zone AHU's - Ph 1	Budgeted - Current Year	Planned Maintenance	HVAC	\$	500,000
4	Holder Hall - Restroom 00R1/00R2 Renovations	Budgeted - Current Year	Planned Maintenance	Architectural/Plumbing/Elec	\$	200,000
5	Holdern Hall - CCAP Replace Generator	Budgeted - Current Year	Planned Maintenance	Plumbing/Electrical	\$	225,000

E&G Deferred Maintenance	\$	12,727,175
Non-E&G Deferred Maintenance	\$	4,835,402
Total Deferred Maintenance	\$	17,562,577

THECB - Fall 2023		Building Replacement		DM Index Value	
		Estimate Report			
Educational and General Campus Condition Index Value (EGCCIV)		\$		2,526,781,390	
Institution-Wide Campus Condition Index Value (IWCCIV)		\$		6,560,817,372	
				0.5037%	
				0.2677%	



Texas Tech University - School of Veterinary Medicine  
Campus Condition Report - FY2024  
October 15, 2024

Summary by Period and Category						
Period	Critical	Deferred	Planned	Adaptation	Total	
Budgeted - Current Year	\$ -	\$ -	\$ -	\$ -	\$ -	-
Expenditures - Previous Year	\$ -	\$ -	21,199	35,153	\$ 56,352	-
Projected - Years 2 Through 5	\$ -	\$ -	-	-	\$ -	-
Unbudgeted - Current Year	\$ -	\$ -	-	-	\$ -	-
Total	\$ -	\$ -	21,199	35,153	\$ 56,352	
Summary by Type and Category						
Maintenance Type	Critical	Deferred	Planned	Adaptation	Total	
Architectural	\$ -	\$ -	\$ -	\$ -	\$ -	-
HVAC	\$ -	\$ -	-	-	\$ -	-
Plumbing and Electrical	\$ -	\$ -	21,199	35,153	\$ 56,352	-
Safety	\$ -	\$ -	-	-	\$ -	-
Legal and Mandatory	\$ -	\$ -	-	-	\$ -	-
Other	\$ -	\$ -	-	-	\$ -	-
Total	\$ -	\$ -	21,199	35,153	\$ 56,352	
Top Priority Projects						
Priority	Project Name	Period	Category	Type	Amount	
1					\$ -	-
2					\$ -	-
3					\$ -	-
4					\$ -	-
5					\$ -	-

E&G Deferred Maintenance	\$ -
Non-E&G Deferred Maintenance	\$ -
Total Deferred Maintenance	\$ -

	THECB - Fall 2023 Building Replacement Estimate Report		DM Index Value
Educational and General Campus Condition Index Value (EGCCIV)	\$	126,633,400	0.0000%
Institution-Wide Campus Condition Index Value (IWCCIV)	\$	158,291,750	0.0000%

Texas Tech University Health Sciences Center  
Campus Condition Report - FY 2024  
October 9, 2024

Summary by Period and Category						
	Critical	Deferred	Planned	Adaptation	Total	
Budgeted - Current Year	\$ -	\$ 1,643,321	\$ 5,925,642	\$ 4,785,855	\$ 12,354,818	
Expenditures - Previous Year	\$ -	\$ 1,743,321	\$ 5,315,755	\$ 2,393,797	\$ 9,452,873	
Projected - Years 2 through 5	\$ -	\$ -	\$ 27,853,532	\$ 15,251,030	\$ 43,104,562	
Unbudgeted - Current Year	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	<b>\$ -</b>	<b>\$ 3,386,642</b>	<b>\$ 39,094,929</b>	<b>\$ 22,430,682</b>	<b>\$ 64,912,253</b>	
Summary by Type and Category						
Architectural	\$ -	\$ -	\$ 12,694,211	\$ 16,813,509	\$ 29,507,720	
HVAC	\$ -	\$ 1,706,853	\$ 13,157,290	\$ 269,331	\$ 15,133,475	
Plumbing and Electrical	\$ -	\$ 215,394	\$ 4,841,000	\$ 373,152	\$ 5,429,546	
Safety	\$ -	\$ 1,334,433	\$ 3,208,632	\$ 687,537	\$ 5,230,601	
Legal and Mandatory	\$ -	\$ 129,962	\$ 346,635	\$ -	\$ 476,597	
Other	\$ -	\$ -	\$ 4,847,161	\$ 4,287,154	\$ 9,134,314	
<b>Total</b>	<b>\$ -</b>	<b>\$ 3,386,642</b>	<b>\$ 39,094,929</b>	<b>\$ 22,430,682</b>	<b>\$ 64,912,253</b>	
Top Five Priority Projects						
Priority	Name	Period	Category	Amount	Type	
1	DAL - TTUHSC - 4th Floor AHU Replacement	Budgeted - Current Year	1-Planned Maintenance	\$ 500,000.00	APP - Approximated	
2	LBK - PMP - Elevators 1-4 Control Mods	Budgeted - Current Year	1-Planned Maintenance	\$ 300,000.00	APP - Approximated	
3	AMA - SOM - Chiller Replacement	Budgeted - Current Year	1-Planned Maintenance	\$ 600,000.00	APP - Approximated	
4	LBK - TTUHSC - 1B03 AHU Refurbishment	Budgeted - Current Year	1-Planned Maintenance	\$ 375,000.00	APP - Approximated	
5	LBK - TTUHSC - 1B04 AHU Refurbishment	Budgeted - Current Year	1-Planned Maintenance	\$ 375,000.00	APP - Approximated	

E&G Deferred Maintenance	\$ 880,386
Non-E&G Deferred Maintenance	\$ 762,935
<b>Total Deferred Maintenance</b>	<b>\$ 1,643,321</b>

THECB - Fall 2023		
Building Replacement Estimate Report		DM Index Value
Educational and General Campus Condition Index Value (EGCCIV)	\$ 1,312,299,134	0.0671%
Institution-Wide Campus Condition Index Value (IWCCIV)	\$ 1,835,591,780	0.0895%

Texas Tech University Health Sciences Center - El Paso  
Campus Condition Report - FY2024  
October 24, 2024

Summary by Period and Category						
Period	Critical	Deferred	Planned	Adaptation	Total	
Budgeted - Current Year	\$ -	\$ 867,500	\$ 2,027,442	\$ 2,260,450	\$ 5,155,392	
Expenditures - Previous Year	\$ -	\$ 440,181	\$ 392,787	\$ 8,453,846	\$ 9,286,814	
Projected - Years 2 through 5	\$ -	\$ 3,180,900	\$ 16,267,596	\$ 13,233,500	\$ 32,681,996	
Unbudgeted - Current Year	\$ -	\$ 1,682,400	\$ 2,017,500	\$ 6,882,744	\$ 10,582,644	
Total	\$ -	\$ 6,170,981	\$ 20,705,324	\$ 30,830,540	\$ 57,706,845	
Summary by Type and Category						
Maintenance Type	Critical	Deferred	Planned	Adaptation	Total	
Architectural	\$ -	\$ 1,431,681	\$ 4,318,293	\$ 23,015,787	\$ 28,765,761	
HVAC	\$ -	\$ 3,704,652	\$ 3,290,824	\$ 312,981	\$ 7,308,457	
Plumbing and Electrical	\$ -	\$ 597,044	\$ 1,639,565	\$ 41,081	\$ 2,277,690	
Safety	\$ -	\$ 184,642	\$ 1,606,250	\$ 67,812	\$ 1,858,704	
Legal and Mandatory	\$ -	\$ 51,000	\$ 569,000	\$ 4,888,194	\$ 5,508,194	
Other	\$ -	\$ 201,963	\$ 9,281,392	\$ 2,504,686	\$ 11,988,040	
Total	\$ -	\$ 6,170,981	\$ 20,705,324	\$ 30,830,540	\$ 57,706,845	
Top Five Priority Projects						
Priority	Project Name	Period	Category	Type	Amount	
1	MSB1- Replace Boiler #1	Budgeted - Current Year	Planned Maintenance	P&E - Plumbing & Electric	\$ 2,000,000	
2	MSB1 Chiller #2 Replacement	Budgeted - Current Year	Planned Maintenance	HVAC	\$ 375,000	
3	Paisano Warehouse Renovation - Design	Budgeted - Current Year	Planned Maintenance	ARCH - Architectural	\$ 175,000	
4	Campus Parking Design	Budgeted - Current Year	Planned Maintenance	ARCH - Architectural	\$ 171,000	
5	MSB1 Chiller #3 Replacement	Budgeted - Current Year	Planned Maintenance	HVAC	\$ 375,000	

E&G Deferred Maintenance	\$ 1,492,603
Non-E&G Deferred Maintenance	\$ 2,555,797
Total Deferred Maintenance	\$ 4,048,400

THECB - Fall 2023		
Building Replacement Estimate Report		DM Index Value
Educational and General Campus Condition Index Value (EGCCIV)	\$ 429,332,493	0.3477%
Institution-Wide Campus Condition Index Value (IWCCIV)	\$ 681,325,509	0.5942%



Texas Tech University System  
Campus Condition Report - FY2024  
October 15, 2024

Summary by Period and Category						
Period	Critical	Deferred	Planned	Adaptation	Total	
Budgeted - Current Year	\$ -	\$ -	\$ -	\$ 29,065	\$ 29,065	
Expenditures - Previous Year	\$ -	\$ -	\$ -	\$ -	\$ -	
Projected - Years 2 Through 5	\$ -	\$ -	\$ -	\$ -	\$ -	
Unbudgeted - Current Year	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ -	\$ -	\$ 29,065	\$ 29,065	
Summary by Type and Category						
Maintenance Type	Critical	Deferred	Planned	Adaptation	Total	
Architectural	\$ -	\$ -	\$ -	\$ 29,065	\$ 29,065	
HVAC	\$ -	\$ -	\$ -	\$ -	\$ -	
Plumbing and Electrical	\$ -	\$ -	\$ -	\$ -	\$ -	
Safety	\$ -	\$ -	\$ -	\$ -	\$ -	
Legal and Mandatory	\$ -	\$ -	\$ -	\$ -	\$ -	
Other	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ -	\$ -	\$ -	\$ 29,065	\$ 29,065	
Top Five Priority Projects						
Priority	Project Name	Period	Category	Type	Amount	
1					\$ -	
2					\$ -	
3					\$ -	
4					\$ -	
5					\$ -	

E&G Deferred Maintenance	\$ -
Non-E&G Deferred Maintenance	\$ -
Total Deferred Maintenance	\$ -

THECB - Fall 2023 Building Replacement Estimate Report		DM Index Value
Educational and General Campus Condition Index Value (EGCCIV)		\$ 26,534,247
Institution-Wide Campus Condition Index Value (IWCCIV)		\$ 49,672,191
		0.0000%
		0.0000%



# Office of Research Commercialization

## Annual Report

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## Research Commercialization

### ORC Executive Summary

Fiscal Year 2024 marked another exceptional year of growth for the commercialization efforts across the Texas Tech University System (TTUS). The Office of Research Commercialization (ORC) continued to prioritize partnerships with industry to translate TTUS research into impactful commercial applications. For the third consecutive year, the ORC executed over 30 technology license agreements—a nearly 50% increase compared to previous years. Patent filings also reached a historic high, reflecting a surge in invention disclosures by TTUS faculty, spurred by increased research expenditures.

Although revenue generated in FY24 was down, this decline is attributable to the challenging investment climate faced by our industry partners. In response, the ORC implemented innovative, flexible deal structures, including deferred revenue models, positioning the office for future growth.

To accommodate the rapid growth in research activity, FY24 also saw strategic expansion and restructuring within the ORC. Our patent portfolio has expanded by over 300% in recent years, justifying the creation of a new Managing Director for Intellectual Property position. Likewise, to meet increasing demand, we onboarded two new licensing associates to manage the growing level of faculty engagement generated by the higher rate of inventions disclosed and increased industry and startup engagement. With the ongoing support of TTUS leadership and stakeholders, the ORC is well-positioned to scale further.

Faculty engagement remains the cornerstone of our work. This year, we further expanded our efforts to involve faculty, staff, and students in the commercialization process, fostering a more inclusive innovation ecosystem. Notably, our ongoing tracking of inventor demographics, now in its third year, revealed a rise in inventions led by female faculty. In addition, ORC staff continued to play a central role in the TTUS community by sponsoring workshops, judging competitions, and maintaining a robust student internship program in collaboration with the School of Law and the Health Sciences Center. Following last year's comprehensive campaign to engage every department at TTU and HSC, we saw continued growth in invention disclosures, a trend we aim to extend through a new university-wide campaign next year.

Looking ahead, the ORC anticipates sustaining its strong licensing activity in FY25, with over 30 new deals projected. As research activity continues to rise, we expect corresponding increases in invention disclosures, further fueling patent filings and licensing opportunities.

Invention Disclosures, Provisional Patent Applications Filed, and US Issued Utility Patents are included in Appendices A, B, and C. Total yearly metrics across the Texas Tech University System are in Table 1 below.

TTUS Yearly Metrics	FY21	FY22	FY23	FY24
Invention Disclosures	103	110	122	131
Provisional Patent Applications	34	40	50	58
Non-Prov. and International Filings	100	68	97	68
US Issued Patents	19	25	22	19
Licenses Signed	20	36	30	31
License Revenue	\$ 564,450.00	\$ 1,198,875.00	\$ 1,001,440.54	\$ 702,231.00

Table 1: Texas Tech University System Annual Metrics





## Research Commercialization

### Office Efforts Over the Year

The Texas Tech University System's technology transfer efforts further expanded in FY24, continuing strong benchmarks and establishing TTUS as a leader among peer institutions. For the third consecutive year, the Office of Research Commercialization negotiated and executed over 30 new license agreements with industry to commercialize TTUS technologies. This increase in licensing activity directly reflects the steady growth of the research enterprise, with invention disclosures rising nearly 10% year over year. As a result, provisional patent filings have surged by 70% over the past four years, bringing TTUS patent activity to an all-time high. Although annual revenue fell 25% short of projections, almost \$400,000 in deferred revenue is expected to contribute to a strong financial performance in FY25. Faculty engagement remains at the core of these efforts, with new research initiatives serving as the engine for the growing commercialization efforts across TTUS.

The ORC made concerted efforts not only to engage inventors but to celebrate their achievements. In FY24, the sixth annual [Inventor Celebration](#) event, in partnership with the National Academy of Inventors (NAI), honored TTUS inventors. TTUS issued 19 U.S. utility patents during the year, securing a spot once again on NAI's list of the top 100 U.S. universities by issued patents. Inventors were recognized with plaques for their achievements, and additional awards were presented for emerging inventors, the most disruptive technology, the deal of the year, and the startup licensee of the year. The ORC also sponsored a panel at the NAI annual conference, leading a discussion on "Campus to Commerce" and showcasing impactful technologies emerging from university labs. Two [TTUS researchers](#), Dr. Werner Kuhr from TTU and Dr. Hemachandra Reddy from HSC, were inducted as Fellows of the academy, while four others were recognized as Senior Members. The TTUS chapters also received recognition as finalists for the NAI [Chapter of the Year](#).

Beyond faculty, the ORC also deepened engagement across the broader campus community. A Lubbock-wide workshop was hosted on the intellectual property implications of AI, as well as a two-day workshop on the commercialization of life science research. Co-hosted with a pharmaceutical company, this event was attended by faculty from TTU, HSC, and HSC El Paso. The ORC also strengthened its partnership with the STEM MBA program, providing technologies for students to develop commercialization plans in collaboration with faculty inventors.

External engagement continued to grow in FY24. The ORC participated in the TechConnect World Innovation Summit, promoting technologies from TTUS inventors like Derek Johnston, Dr. Dimitri Pappas, and Dr. Gordon Christopher. These inventors showcased their high-frequency transmission spectroscopy system. Other notable presentations included an automated bleed control task trainer developed by Dr. Brittany Bankhead and M.D. candidate Julie Chugh, and a long-wave infrared phase modulator by Dr. Myoung-Hwan Kim and PhD candidate Zachary Brown. The ORC also participated in BioNTX, resulting in a TTU technology and startup being selected to present at the annual meeting. HSC researchers continued their engagement in the Texas Medical Center Innovation Act Summit, with Dr. Nadia German graduating this past year and Dr. Hongjun Liang being accepted into the latest cohort.

The ORC staff remained active as leaders within the broader technology transfer community. Team members serve on the Board of Directors for the Texas Intellectual Property Alliance and championed Texas' first-ever governor's proclamation of [IP Awareness Month](#). They also continue to serve in key board and committee roles within organizations like AUTM, the Licensing Executives Society, and the State Bar of Texas. In a notable invitation, staff participated in an Army roundtable in Washington, D.C., offering input on improving SBIR and technology transfer processes within the Department of Defense.



## Research Commercialization

Marketing remained a key focus in FY24, driving greater engagement with external stakeholders and industry partners and necessitating the addition of a new part-time marketing staff member for the office. The [ORC's LinkedIn](#) presence saw a significant increase in followers (528) and an 8.7% rise in engagement, with posts reaching over 100,448 impressions. Campaigns like #MeetTheInventor garnered the highest engagement, helping to expand the ORC's network with industry leaders and collaborators. Strategic marketing through platforms like In-Part and Flintbox resulted in more direct industry engagement than ever before.

Investor engagement also grew, particularly with venture studio participation. A full day of meetings was hosted for [Research Bridge Partners](#), allowing researchers to present their technologies and receive direct feedback from industry and investors. TTUS researchers also participated in [Chevron Studio](#) and [Rose Rock Bridge](#) venture programs, while an international veterinary training model company visited the School of Veterinary Medicine to demo faculty-developed prototypes. Additional venture studio and industry visits are planned for FY25.

The broader TTUS innovation ecosystem continued to thrive, with stakeholders across the ORC, Innovation Hub, and Institute for Small Business collaborating on new programming and resource sharing. Cross-disciplinary funding proposals were submitted to agencies like the National Science Foundation and the Economic Development Administration, with plans for a philanthropic campaign through TTU Institutional Advancement in FY25. This initiative aims to evergreen Innovation Hub programming and expand proof-of-concept funding for TTUS researchers.

### Intellectual Property Portfolio

The TTUS intellectual property (IP) portfolio is in a healthy and well-managed state. Despite substantial growth in the portfolio, legal budgets have been accurately projected, communicated, and effectively managed. This year, the ORC took steps to quantify the historical growth of the portfolio and introduced measures to actively manage it moving forward. Since the responsibility for managing the IP portfolio was absorbed by the ORC director, the portfolio has grown by 340%, in alignment with increased research activity, while keeping the annual budget spend to only double its original size.

Due to the significant growth and the need for active management – especially for cases licensed to industry – the office successfully secured approval from the TTUS leadership to establish a Managing Director of IP role within the ORC. This new role, assumed by Jennifer Souter in January, ensures that the growing portfolio continues to be closely managed in collaboration with the Assistant Vice President for Research Commercialization. One of the first major initiatives was to oversee a successful audit of all licensed IP, which resulted in necessary restructuring of multiple license agreements. A comprehensive audit of unlicensed IP is currently underway, with external consulting firms assisting, and is expected to be completed this year.

Engagement between inventors and the ORC has never been stronger. Inventors are now more actively involved in the patenting process, reviewing drafts and collaborating with ORC staff to strengthen the IP position in ways that align with their ongoing research. Additionally, a new law firm was onboarded this year to support the growing legal workload.

Key metrics, such as patent abandonment rates and conversion rates from provisional applications to full patents, remain stable, allowing the ORC to effectively project and manage legal budgets. While TTUS's legal spending remains steady, it will likely need to increase as research activity and the IP portfolio continue to grow. Provisional patent filings (the first step in the patent process) have risen by nearly 50% over the past two years. This increase will require more legal resources in the later stages of the patent



## Research Commercialization

lifecycle. However, through the ongoing audit of unlicensed IP, the ORC aims to reallocate legal spend efficiently and mitigate the need for a significant increase in the legal budget.

Tables 2 and 3 below contain detailed breakouts of the TTUS patent filings.

		FY20	FY21	FY22	FY23	FY24
Provisional Patent Applications Filed	In-House	11	8	4	13	4
	External Counsel	28	26	36	37	54
	<b>Total</b>	<b>39</b>	<b>34</b>	<b>40</b>	<b>50</b>	<b>58</b>
Full Patent (Non-Provisional) Applications Filed	PCT	20	24	19	25	27
	US Utility	7	4	4	6	7
	US National Stage	24	22	18	17	17
	International National Stage	28	36	14	38	10
	Continuation/ Divisional	7	14	12	10	7
	Design Patent	0	0	1	1	0
	Copyright (n/c)	0	0	0	0	0
	<b>Total</b>	<b>86</b>	<b>100</b>	<b>68</b>	<b>97</b>	<b>68</b>

Table 2: TTUS Patent Filings by Type

	FY20	FY21	FY22	FY23	FY24
Provisionals Converted (from previous FY)	25(61%)	24 (61%)	20 (59%)	29 (72%)	33 (67%)
Provisionals Refiled (from previous FY)	2(5%)	7 (18%)	5 (15%)	3 (8%)	7 (14%)
Provisionals Abandoned (from previous FY)	14 (34%)	8 (21%)	9 (26%)	8 (20%)	10 (20%)

Table 3: TTUS Patent Lifecycle Conversion Rates





## Research Commercialization

### Institutional Engagement and Metrics

Table 4 below indicates yearly metrics broken out by TTUS institution. Additional departmental metrics are included in Appendix D.

FY24

	Invention Disclosures	Percent Total Disclosures	Provisional Patent Applications	Non-Provisional Applications	Issued US Patents	Licenses Signed	License Revenue	Percent Revenue
TTU	73	56%	41	41	9	16	\$ 547,955.00	78%
TTU HSC	29	22%	12	13	7	8	\$ 145,506.00	21%
TTU HSC El Paso	6	5%	2	4	2	0	\$ 7,770.00	1%
Joint TTU/HSC	6	5%	3	9	1	5		
Angelo State	0	0%	0	1	0	2	\$ 1,000.00	0%
Midwestern	1	1%	0	0	0	0	\$ -	0%
External/Student	16	12%						
<b>Totals:</b>	<b>131</b>		<b>58</b>	<b>68</b>	<b>19</b>	<b>31</b>	<b>\$ 702,231.00</b>	

FY23

	Invention Disclosures	Percent Total Disclosures	Provisional Patent Applications	Non-Provisional Applications	Issued US Patents	Licenses Signed	License Revenue	Percent Revenue
TTU	61	50%	32	45	14	10	\$ 728,421.00	73%
TTU HSC	30	25%	9	29	7	9	\$ 174,882.00	17%
TTU HSC El Paso	10	8%	5	12	1	4	\$ 98,138.00	10%
Joint TTU/HSC	6	5%	3	11		6		
Angelo State	0	0%	1	0	0	1	\$ -	0%
External/Student	15	12%						
<b>Totals:</b>	<b>122</b>		<b>50</b>	<b>97</b>	<b>22</b>	<b>30</b>	<b>\$ 1,001,441.00</b>	

FY22

	Invention Disclosures	Percent Total Disclosures	Provisional Patent Applications	Non-Provisional Applications	Issued US Patents	Licenses Signed	License Revenue	Percent Revenue
TTU	58	53%	27	54	15	26	\$ 1,029,350.00	86%
TTU HSC	27	25%	6	11	7	7	\$ 121,125.00	10%
TTU HSC El Paso	6	5%	3	5	3	0	\$ 48,400.00	4%
Joint TTU/HSC	7	6%	4	2		3		
Angelo State	1	1%	0	0	0	0	\$ -	0%
External/Student	11	10%						
<b>Totals:</b>	<b>110</b>		<b>40</b>	<b>72</b>	<b>25</b>	<b>36</b>	<b>\$ 1,198,875.00</b>	

Table 4: Yearly Commercialization Metrics by TTUS Institution

### Texas Tech University

Texas Tech University continued its upward trajectory in FY24, with faculty leading or jointly contributing to 79 invention disclosures, filing 44 provisional patent applications, and 50 non-provisional patent applications. TTU also executed 21 license agreements, including 6 for technologies jointly developed with HSC, generating \$548,000 in licensing revenue – accounting for over half of all new inventions disclosed and 78% of total revenue received. The Whitaker College of Engineering was the most active in generating new intellectual property, responsible for 33% of TTUS invention disclosures, followed by the College of Arts and Sciences at 9%, and the Davis College of Agricultural Sciences and Natural Resources at 8%.



## Research Commercialization

This year, the TTU Intellectual Property Review Committee was restructured to include different membership levels, such as junior faculty, and to enhance decision-making processes. Notably, the first licensing agreement for a technology developed within the CASFER NSF Engineering Research Center was executed with an international industry partner. Collaboration between TTU and HSC also increased, with a significant industry agreement finalized in the field of nuclear energy, aimed at advancing research across the entire TTU System.

Quarterly reporting of IP activity to TTU colleges continued, with Deans' annual review meetings now part of the process. The ORC also strengthened its partnership with the Office of Research Services and other OR&I offices, creating regular reports on faculty funding awards, proposals involving IP, and departing faculty, all of which are essential for IP portfolio management and maintaining engagement with inventors.

### TTU Health Sciences Center

Texas Tech University Health Sciences Center had a standout year in FY24, with faculty contributing to 35 new invention disclosures (including 6 joint disclosures with TTU), filing a record 15 provisional patent applications (3 joint), and executing 13 new license agreements (5 joint). HSC consistently accounts for one-fourth of TTUS's new invention activity, with the School of Medicine and the School of Pharmacy being the most active, responsible for 16% and 6% of TTUS invention disclosures, respectively.

The ORC maintained its close relationship with HSC's satellite campuses, involving faculty from other campuses in patent filing decisions through HSC faculty committees, and quarterly reporting to Deans. The HSC Intellectual Property Review Committee was also restructured to increase participation and bring in new members, including junior faculty. Additionally, the ORC continued its partnership with the Graduate School of Biomedical Sciences, welcoming a new graduate intern in technology transfer to the team.

### TTU HSC El Paso

Texas Tech University Health Sciences Center at El Paso, along with the Paul L. Foster School of Medicine, contributed six new invention disclosures and two new provisional patent application filings in FY24. While there was a dip in new licensing activity with no new agreements executed, a major existing agreement was successfully restructured and renegotiated, laying the groundwork for renewed activity in FY25. ORC staff also continued to sponsor and participate in the annual Research Symposium last April, where El Paso faculty were recognized for their patents and commercialization achievements.

### Angelo State University

Engagement with Angelo State University continued, with their first non-provisional patent application filed and licensed to an ASU startup company who completed Hub programming. ORC staff continues to host workshops with the ASU Small Business Development Center and regularly work with teams participating in local programs.

### Midwestern State University

The ORC was excited this year to receive the first ever invention from Midwestern State University faculty since joining TTUS. The ORC continues to engage with MSU research primarily with sponsored project IP review and planning.



## Research Commercialization

### FY25 Planning and Projections

The Office of Research Commercialization continues to scale its commercialization efforts across the Texas Tech University System. While FY24 saw a decrease in retained revenue over the past two years, much of the deferred revenue is expected to be collected in FY25, which will bolster future operations. Although measures were taken to tighten operating expenses this year, maintaining these efficiencies will be challenging as the team grows. Nevertheless, FY25 is projected to be a strong year. Although revenue plateaued in FY24 (and ultimately declined), the ORC anticipates a significant revenue increase over the next few years, driven by the growing number of active license agreements and new technologies being brought to market. A detailed breakdown of historical revenue and FY25 projections is provided below in Table 5.

Revenue Received				
	Total Revenue	Reimbursed Legal	Disbursed (system, inst., dept., inventor)	Retained for Operations
FY22	\$ 1,191,024.00	\$ 378,744.00	\$ 568,596.00	\$ 243,684.00
FY23	\$ 1,001,440.54	\$ 496,052.67	\$ 340,521.63	\$ 164,866.24
FY24	\$ 702,230.82	\$ 271,202.67	\$ 286,009.34	\$ 145,018.81
FY25 (projected)	\$ 1,218,706.00	\$ 550,337.00	\$ 467,858.30	\$ 200,510.70

Table 5: Historical Annual Revenue and FY25 Projections

Looking ahead, the ORC will continue its commitment to fostering an inclusive commercialization process by actively engaging and supporting faculty throughout their research and commercialization journeys. With a built-out team, faculty across TTUS will benefit from proactive engagement and assistance to ensure their research has the best chance of commercial success.

As highlighted in previous years, one of the remaining gaps in TTUS's technology transfer ecosystem is the lack of a proof-of-concept fund. Such a fund would provide critical support for early-stage technologies, helping researchers advance their innovations and strengthen the value of TTUS intellectual property. While existing programs offer prototype funding and startup acceleration, a dedicated fund for translational research would enable researchers to bridge the gap between discovery and commercialization. Over the next year, the ORC will work closely with the broader innovation ecosystem to address this need. We believe this funding will yield a significant return on investment and is particularly crucial for TTU as it strives for AAU status. In alignment with a proof-of-concept review process, the ORC will aim to build out an industry advisory board soon.

Overall, FY24 was a successful year for the ORC and TTUS inventors, with commercialization activity continuing to scale rapidly. The ORC looks forward to building on this momentum in the coming years, maintaining active engagement with faculty and other stakeholders to further elevate TTUS's innovation ecosystem.

Cameron P. Smith  
Assistant VP, Research Commercialization





## Research Commercialization

### Appendices

# Appendix A

## FY24 Invention Disclosures

Invention Number	Invention Title	Inventors	Institution	Disclosure Date	Disclosure Status
2024-001	A Nanofilm Indicator for Monitoring and Recording Subzero Temperatures	Md Nayeem Hasan Kashem Wei Li	TTU	Sep 6, 2023	Active
2024-002	HYPERSIM Implementation of EPRI K1 Distribution System for Real-Time Simulation and Testing of Distributed Energy Resources	Stephen B. Bayne Manohar Chamana Laura Andrea Ward	TTU	Sep 12, 2023	Archived
2024-003	Frozen Sample Basket Trial	Lindsay Penrose Samuel D Prien	HSC	Sep 12, 2023	Related to
2024-004	Biometric Secured Firearm Magazine	David Shane Harper Sufian Bin Humayun	HSC	Sep 13, 2023	Archived
2024-005	Ammonia Absorbents Using Salts in Metal Fiber Matrix	Mahdi Malmali Alon McCormick Tejas Nivarty Jeff Schott	TTU, Joint	Sep 14, 2023	Active
2024-006	VirusPredictor: XGBoost-Based Software to Predict Virus-Related Sequences	Dawei Li	HSC	Sep 14, 2023	Archived
2024-007	Acetylcholinesterase Inhibition from N-(phosphonomethyl) Glycine (Glyphosate)	Jan Halamek Lenka Halamkova Ashley B. Newland	TTU	Sep 18, 2023	Active
2024-008	Dnase1L3 with Reduced Antigenicity	Lauryn E. Evans Angelica M. Infante Peter Keyel Roger B. Sutton Johanna Villarreal	Joint	Sep 18, 2023	Archived
2024-009	Riot Protection Helmet (Law Enforcement) Helmet	Suman K. Chowdhury Weilong Cong Gregory B. McKenna Michelle L. Pantoya	TTU	Sep 19, 2023	Archived
2024-010	System and Method for Reducing the Size of Area of Review (AoR) Using the Electrical Submersible Pump (ESP)	Nachiket B. Arbad Hossein Emadi Marshall C. Watson	TTU	Sep 20, 2023	Active
2024-011	Single-Core Mixed-Pressure Hybrid Electric Turbine Engine	Wolduamlak Ayele Guilherme D. Fernandes Victor Maldonado	TTU	Sep 25, 2023	Archived
2024-012	Rapid Fentanyl Sensing Via Biochemical Assay	Emilynn Banks Jan Halamek	TTU	Sep 25, 2023	Active
2024-013	Data Logging Respiratory Sensor Integration Block	Robert V. Duncan Laszlo M. Hunyadi Shelby L. Lacouture Cuikun Lin Noah K. Plues Annette Sobel Emily Ann Sundman	TTU	Sep 29, 2023	Related to
2024-014	Institutional Space Planning System: Facilities Inventory Tracking Application, Interactive GIS Map Application, and Automated Space Planning Application.	Brandon Hennington Lissa Munoz	TTU	Sep 29, 2023	Active
2024-015	Uniket Market Place	Andy Rhinezor Epie	External	Oct 1, 2023	Archived
2024-016	Web Application LIS Simulator	Tammy Carter Koy Kubala	HSC	Oct 1, 2023	Under Option
2024-017	Ad36E4orf1 Peptide Fragments as Anti-Diabetic Agents	Nikhil V. Dhurandhar Vijay Hegde	TTU	Oct 9, 2023	Exclusive License
2024-018	Portable Off-Grid Solar Power Generator in Enclosed Trailer	Paul Colombo David Haering, III	External	Oct 6, 2023	Archived
2024-019	Development Of An Antibiotic Combination Which Can Function As An Eye Drop To Block Bacterial Infection After Eye Surgery or Intraocular Treatment	David L. McCartney Ted W. Reid Phat L. Tran	HSC	Oct 9, 2023	Archived

Invention Number	Invention Title	Inventors	Institution	Disclosure Date	Disclosure Status
2024-020	MELDOGRAM	John Ciubuc Hassan Khalid Sarah K. Kiani Simon C. Williams	HSC	Oct 9, 2023	IPRC
2024-021	Equine Primary Lymphatic Endothelial Cells Derived from Equine Lymph Node	Tomas Lugo Stephanie Myers Annelise Nguyen Matt Batchelder	TTU	Oct 11, 2023	Non Exclusive License
2024-022	3D Printed Biodegradable Pre-Seeded Grow Mat	Gabriella A. Hale Gary Mark Hale Brad Jackson	TTU	Oct 15, 2023	Archived
2024-023	Biocompatible and Biodegradable Polymer Nanodiscs as Lipoprotein-Mimicking Nanocarriers with High Stability and Long Circulation Time for Drug Delivery	Hongjun Liang	HSC	Oct 15, 2023	Active
2024-024	GO THRIFT	Luke Weil	External	Oct 24, 2023	Archived
2024-025	KLF2 Agonists for Treatment of Acute and Chronic Covid Pathogenesis and Associated Fibrosis	Bhaskar C. Das Hiranmoy Das	HSC	Oct 25, 2023	Related to
2024-026	Utilization of Meat Exudate as a Natural Flavor Enhancer	Tyson Brown Jerrad F. Legako	TTU	Oct 25, 2023	Active
2024-027	Designing a Reverse SLAM (Simultaneous Localization and Mapping) System	Ron Banister	HSC	Oct 29, 2023	Archived
2024-028	Wireless Defibrillator with Augmented Reality Tablet Instruction System	Ron Banister	HSC	Oct 29, 2023	Archived
2024-029	Recyclable 3D Printed Wireless Video Laryngoscope with 4K Chip Integration	Ron Banister	HSC	Oct 29, 2023	Archived
2024-030	A Design of An Artificial Catalytic Generator for In-Situ Hydrogen Production from Petroleum Reservoirs	Keju Yan Qingwang Yuan	TTU	Nov 7, 2023	IPRC
2024-031	Method for Developing De Novo Transgenic and Gene-Edited Shoots Without Tissue Culture	Luis Rafael Herrera-Estrella Arjun Ojha Kshetry Gunvant Patil	TTU	Nov 12, 2023	Active
2024-032	System and Methods for Optimization of the Human Brain to a Target State Using Auditory Binaural Beats Guided by Continuous Single-Electrode Electroencephalography Feedback	Jessica Blume Chathurika Dhanasekara Chanaka N. Kahathuduwa	HSC	Nov 12, 2023	Under Option
2024-033	Fast Startup Baseband Amplifier for Biomedical Sensing	Aaron B. Carman Changzhi Li	TTU	Nov 12, 2023	Active
2024-034	Reconfigurable Feedforward Clutter-Canceling Frequency-Modulated Continuous Wave Radar System.	Aaron B. Carman Changzhi Li	TTU	Nov 12, 2023	Active
2024-035	Placenta-Targeted Nanoparticles or Conjugates and Methods of Use Thereof	George I. Henderson Sambantham Shanmugam Shu Wang	HSC	Nov 2, 2023	Active
2024-036	Simple and Dynamic Scale(SDS)	Hazera Binte Sufian Khurshidul Zahid	TTU	Nov 1, 2023	Archived
2024-037	A Tool for Dietary Assessment: A Weighing Table or Pad Placed on the Table Complemented with a Weighing Chair or Pad Placed on the Chair	Hazera Binte Sufian Khurshidul Zahid	TTU	Nov 1, 2023	Archived
2024-038	Development of Regenerative Therapy for Corneal Endothelial Dystrophies and Injuries Targeting KLF2	Bhaskar C. Das Hiranmoy Das	HSC	Nov 15, 2023	Related to
2024-039	The Automatic Bar Spotter (ABS): A New Type of Powerlifting Squat Rack That Can Catch a Loaded Barbell in the Event of a Set Failure, Used to Reduce the Incidence of Accidents in the Gym	Matthew Lee Collin Plowden Kyle Ruiz Daniel Van Praag	External	Nov 17, 2023	Archived
2024-040	Protective Effects of SSRI, Citalopram in Mutant APP and Mutant Tau Expressed Dorsal Raphe Neurons in Alzheimer's Disease	Arubala P. Reddy P. Hemachandra Reddy Neha A. Sawant	Joint	Nov 21, 2023	Archived
2024-041	U-Tube Simulation Intubation and Assisted Breathing Device	Mallory Prucha	TTU	Nov 29, 2023	IPRC
2024-042	Biodegradable Mulch and Bale Wrap	Seshadri S. Ramkumar	TTU	Nov 30, 2023	Archived
2024-043	Regulation of Retinoid-Mediated StAR Transcription and Steroidogenesis in Hippocampal Neuronal Cells: Implications for StAR in Protecting Alzheimer's Disease	Pulak Manna P. Hemachandra Reddy	HSC	Dec 7, 2023	Archived
2024-044	Optimal Power Outage Restoration in Distribution Systems Assisted by State Estimation	Stephen B. Bayne Manohar Chamana Konrad Erich Kork Schmitt	TTU	Dec 8, 2023	Active
2024-045	Improved Method for Freeze-Drying Bacteria	Wyatt E. Paulishak Laurence M. Wood	HSC	Dec 10, 2023	IPRC
2024-046	Prevention of Age-Related Skeletal Muscle Sarcopenia	Chhanda Bose Sudhir V Shah	HSC	Jan 9, 2024	Archived



Invention Number	Invention Title	Inventors	Institution	Disclosure Date	Disclosure Status
2024-047	Novel Autophagy Inducing Recombinant BCG Vaccine for Tuberculosis	Subramanian Dhandayuthapani Chinnaswamy Jagannath	HSC-EP	Jan 16, 2024	Non-Enabling
2024-048	Timber-Dowel Reciprocal Lattice System	Tahmures Ghiyasi Cole D. Howell Edgar H. Montejano Sina Mostafavi	TTU	Jan 22, 2024	Active
2024-049	Composition and Thereof of Pan EphB Tyrosine Kinase Forward Signaling Inhibitors in EphB-Associated Diseases	Harrison Benson Heba A. Ewida Mahmoud Salama Ahmed Syed M. Tareq Jenny L. Wilkerson	HSC	Jan 30, 2024	Active
2024-050	Helicin's Emergence as a Promising Cancer Treatment	Mohamed Ashraf Eltokhy Shreyas R. Gaikwad Morgan Elizabeth Moore Sanjay K. Srivastava	HSC	Feb 5, 2024	Archived
2024-051	A Pneumatic Pillow That Can Either Inflate Under the Patient's Head or Shoulders to Achieve Optimal Positioning for Intubation	Patrick Popieluszko	HSC-EP	Feb 5, 2024	Archived
2024-052	Health Literacy Assessment Tool	Carol Boswell Sharon Cannon Joyce Miller	HSC	Feb 9, 2024	Archived
2024-053	Apparatus and Methods for Automatically Detecting Medial Artery Calcification in Anatomic Tomographic Slices of a Volume of a Body Region	Dale A. Miles	External	Feb 9, 2024	Archived
2024-054	Thermally Conductive and Extrudable Absorbents	Mahdi Malmali	TTU	Feb 15, 2024	Related to
2024-055	New Class of LCF Nuclear Reactors	Robert V. Duncan	TTU	Feb 20, 2024	Active
2024-056	Equine Podiatry Trainer / Hoof Care Trainer	Britt Conklin Guy Gilbert	TTU	Feb 18, 2024	Archived
2024-057	Generalized Brunauer-Emmett-Teller Isotherm for Mixed-Gas Multilayer Adsorption Equilibria	Chau-Chyun Chen Usman Hamid	TTU	Feb 20, 2024	Active
2024-058	Bioprinted Bone-on-Chip	Marina Curcic Mohamed Ashraf Eltokhy Shreyas R. Gaikwad Sanjay K. Srivastava	HSC	Feb 23, 2024	IPRC
2024-059	Application of Raman Spectroscopy Combined with Machine Learning for Use in Chronic Wasting Disease (CWD) Surveillance	Warren Conway Lenka Haramkova	TTU	Feb 26, 2024	Archived
2024-060	Human Adenovirus-36 (Ad36) Infection Improves Glycemic Control in Mice via the Product of Its E4orf1 Gene (Termed Insparin)	Nikhil V. Dhurandhar Vijay Hegde	TTU	Mar 4, 2024	Exclusive License
2024-061	All Natural FDA Defined "Mayonnaise"	Richard S. Meyer	TTU	Feb 29, 2024	Assess
2024-062	Insert Developments for Filter Piece in Face Coverings	Mirza M.O. Khyum Seshadri S. Ramkumar Zhaoda Du	TTU	Mar 5, 2024	IPRC
2024-063	Nested Liquid-Cooled Helmholtz Coil Design for High Strength, Uniform, and High Frequency Magnetic Field Generation	Xiaolong Liu Arjun Sharma Evan Watts	TTU	Mar 8, 2024	Assess
2024-064	Natural Frequency Informed Finite Element Modal Analysis Method for Determining the Elastic Properties of Solid Structures	Jingfei Liu	TTU	Mar 12, 2024	Archived
2024-065	A Sorghum Gamma Kafirin Mutant with Improved Protein Digestibility in the Grain	Yinping Jiao	TTU	Mar 12, 2024	Active
2024-066	Solid Energetics Rotating Detonation Engine	Paul Egan Frank Muniz	TTU	Mar 13, 2024	Archived
2024-067	Method of Rapidly Diagnosing and Mitigating Contact Loss in Electrochemical Systems with Solid-Solid Interfaces	Zeeshan Ahmad	TTU	Mar 13, 2024	Archived
2024-068	Ultrawide Bandgap Semiconductors for Extrinsic Photoconductive Switching Devices	Hongxing Jiang Jing Li Jingyu Lin Weiping Zhao	TTU	Mar 15, 2024	Active
2024-069	Frequency-Division Multi-View Beamforming Radar Architecture for Biomedical Sensing.	Kenneth Balogh Syed Doha Uddin Davood Khoozan Changzhi Li Vikram Ramprakash Christopher Williams	TTU	Mar 18, 2024	Active
2024-070	Design of a Novel Dual Vortex Based Vertical Axis Wind Turbine	M. Salim Azzouz Danielle Egwim Elizabeth Horn Pranaya Pokharel Jada Rhodes	MSU	Mar 22, 2024	Archived

Invention Number	Invention Title	Inventors	Institution	Disclosure Date	Disclosure Status
2024-071	Identification of Volatile Molecules Associated with Infectious Disease in Swine and Other Species	John J. McGlone	TTU	Apr 2, 2024	Active
2024-072	WindOvers	Michelle Pearson	TTU	Apr 4, 2024	Archived
2024-073	Popeye the Pug	Guy Gilbert Trista Mills	TTU	Apr 4, 2024	Assess
2024-074	Perceived Respiratory Effort in Dogs	Mallory T. DeChant Nathaniel J. Hall Alex Moesta	TTU	Apr 5, 2024	Assigned
2024-075	GeneHub: A Digital Tool for Healthcare Solutions	Tetyana L. Vasylyeva	HSC	Apr 8, 2024	Archived
2024-076	Closed-Loop Optical Neuromodulation System (CLONE) for the Monitoring and Management of Hot Flashes	Deborah Clegg Pallavi Dubey Alok K. Dwivedi	HSC-EP	Apr 9, 2024	Active
2024-077	A Plant-Based Edible Vaccine for Management of Peanut Allergy	Gunvant Patil Akhilesh K. Shakya	TTU	Apr 18, 2024	Archived
2024-078	Dathway AI Solution	Michael Tomori	TTU	Apr 26, 2024	Archived
2024-079	Automatic Portable Pill Dispenser	Pranathi Bingi Paul Egan Frank Muniz Jeena Poudel	Joint	Apr 28, 2024	Under Option
2024-080	New Members of Chirality Family - Turbo and Staircase Chirality	Guigen Li	TTU	Apr 29, 2024	Active
2024-081	Computational Brain Muscle Interface Model to Analyse Mechanical Impacts	Hossein Bahreinizad Suman K. Chowdhury Mehedi Hasan Gustavo Paulon Senjuti Rahman Felipe Zambrini Santos Leonardo Wei	TTU	May 1, 2024	Assess
2024-082	Fresh Tissue Support Container	Keith Bishop Kate Serralde	HSC	May 7, 2024	Archived
2024-083	Coated Junctional Epithelium Targeter	Seth Boese Harvinder S. Gill David Syn	TTU	May 8, 2024	Passive
2024-084	Disintegrable Junctional Epithelium Targeter	Harvinder S. Gill Rohan Suresh Ingrole Ghanesh Kesav Venkatesa Prabhu	TTU	May 8, 2024	Active
2024-085	Pocketed Junctional Epithelium Targeter	Harvinder S. Gill Rohan Suresh Ingrole Ghanesh Kesav Venkatesa Prabhu	TTU	May 8, 2024	Related to
2024-086	Reservoir Junctional Epithelium Targeter	Harvinder S. Gill Rohan Suresh Ingrole Ghanesh Kesav Venkatesa Prabhu	TTU	May 8, 2024	Related to
2024-087	Applicator and Container for Junctional Epithelium Targeter	Harvinder S. Gill Ghanesh Kesav Venkatesa Prabhu	TTU	May 8, 2024	Related to
2024-088	Swellable Junctional Epithelium Targeter	Harvinder S. Gill Rohan Suresh Ingrole Ghanesh Kesav Venkatesa Prabhu	TTU	May 8, 2024	Related to
2024-089	Surface Microtopography to Manipulate Coatings on Junctional Epithelium Targeter	Harvinder S. Gill Rohan Suresh Ingrole Ghanesh Kesav Venkatesa Prabhu	TTU	May 8, 2024	Related to
2024-090	Tissue Sample Template	Scott Boyer Paul Egan Ethan Le Alan W. Pang Crystian Zamora	Joint	May 9, 2024	Active
2024-091	Design and Synthesis of Novel Sulfonamide-Based Simple and Vital Aromatic Amines as Anticancer Agents	Sanjay K. Srivastava	HSC	May 13, 2024	IPRC
2024-092	Design and Synthesis of Novel Strifluoromethyl-Thiazolidine Functions as Anticancer Agents	Sanjay K. Srivastava	HSC	May 13, 2024	IPRC
2024-093	Formulations for Coating Junctional Epithelium Targeter	Harvinder S. Gill Rohan Suresh Ingrole Ghanesh Kesav Venkatesa Prabhu	TTU	May 15, 2024	Related to
2024-094	Automatic Bar Spotter (ABS)	Matthew Lee Collin Plowden Kyle Ruiz Daniel Van Praag	TTU	May 16, 2024	Archived

Invention Number	Invention Title	Inventors	Institution	Disclosure Date	Disclosure Status
2024-095	Use of 2,5-Dihydroxybenzaldehyde to Inhibit A. Flavus Colonization and Aflatoxin Contamination of Peanut	Mark Burov Leslie Commey Yehia S. Mechref Venugopal Mendu	TTU	May 17, 2024	IPRC
2024-096	Possible Anti-Inflammatory Effect of SGLT-2 Inhibitors via Modulation of the Lectin Complement Pathway: Amelioration of Neuroinflammation and Mild Cognitive Impairment in Metabolic Dysfunction	Yehia S. Mechref	TTU	May 20, 2024	Assess
2024-097	Pet Food Probiotics for Health and Safety	Mindy Brashears Kendra K. Nightingale	TTU	May 27, 2024	Exclusive License
2024-098	Recycling Wind Turbine Blades to Asphalt	Paul Egan Tevodros Ghebrab Priya Gill Rajesh Shrikant Khare Samantha Kristufek Pawel Polaczyk	TTU	May 22, 2024	Active
2024-099	GeroVtro for Treatment of Taupathy, Dementia, Alzheimer's Disease, and Mild Cognitive Impairment	Kumuda C Das	HSC	May 24, 2024	Non-Enabling
2024-100	TimeTrack AI software	Panashe Siachitema	TTU	May 30, 2024	Archived
2024-101	Compression Forceps for Bunionectomy	Grant Ashcraft Luke Blevins Scott Boyer Brandon Darby Heavenley Shyann Nicole Gorley Jerry Grimes Brianna Hooper Rory Maguire	Joint	May 30, 2024	Archived
2024-102	Machine Learning-Based Tool, "GridBids," for Electricity Demand, Variable Renewable Energy Output, and Electricity Price Forecasting	Suhas U. Pol Ashish Sedai	TTU	Jun 2, 2024	Under Option
2024-103	Infrared Emissive Conjugated Polymers, Composites, and Compositions	Nikita Gill Robert Posey Joshua Tropp	TTU	Jun 3, 2024	Active
2024-104	Novel Method and System for Measuring Message Effectiveness and Online Biometrics Using a Webcam	Brian Davis Justin Keene	External	Jun 12, 2024	Archived
2024-105	Mission-Adaptive, Modular Law Enforcement Helmet	Hossein Bahreinizad Suman K. Chowdhury Shuang Jin Gregory B. McKenna Gustavo Paulon Felipe Zambrini Santos Sudeesh Subramanian	TTU	Jun 24, 2024	Assess
2024-106	High Pasteurized Fruit/Food Products	Richard S. Meyer	TTU	Jun 25, 2024	Assess
2024-107	Natural Deodorant and Other Bodycare Products	Susan Penner	External	Jun 27, 2024	Archived
2024-108	A Decorative Lighting System with Integrated Upper Room UVGI Array	Rodney Branigan	External	Jul 8, 2024	Archived
2024-109	Phone and Tablet Case	Armani Williams	External	Jul 10, 2024	Archived
2024-110	Methods and Tools for Predicting Cardiometabolic Health by Combining Blood T2 Parameters with Other Measures	Erin B. Campbell David P. Cistola Alok K. Dwivedi	HSC-EP	Jul 9, 2024	Active
2024-111	Fully Automated Laboratory Testing Kiosk	Michelle Coffey	External	Jul 10, 2024	Archived
2024-112	BarnBook	Alyssa Bouren	External	Jul 10, 2024	Archived
2024-113	Staged Methods and Systems for the Valorization of Sludge and Biosolids	Eshan Abbasi Christian Alvarez Pugliese Gerardine G. Botte	TTU	Jul 15, 2024	Related to
2024-114	ElevatED Insights	Jessica J. Gottlieb	External	Jul 16, 2024	Assess
2024-115	Virtual Telehealth Diagnosis & Screening of Musculoskeletal Injuries Through Camera of Smart Devices and Computer	Sucheshna Patil	External	Jul 18, 2024	Archived
2024-116	Strike Guard: Protection for Baseball Umpires, with a Convenient Built-In Ball and Strike Counter	Christopher Tobin	External	Jul 23, 2024	Archived
2024-117	Pollen Mediated Skin Allergen Challenge: An Alternate for Peanut Allergy Diagnosis	Akhilesh K. Shakya	TTU	Aug 2, 2024	Archived
2024-118	Multivalent Display of a Coccidioides SPP Antigen, Ag2-PRA-rCsa, on the N-Terminus of MS2 and PP7 Bacteriophage Virus-Like Particles	Milad Kheivari Hong Liu Ebenezer V. Tumban	TTU	Aug 5, 2024	IPRC
2024-119	A Novel Hybrid Flow-Batch Reactor for PFAS Thermal Treatment	George Ashraf Tharwat Haleem Hana Yuexiao Shen	TTU	Aug 7, 2024	IPRC



Invention Number	Invention Title	Inventors	Institution	Disclosure Date	Disclosure Status
2024-120	Innovative Methodology (Application of Deep Learning) to Predict Length of Hospital Stay for Burn Patients	Vishal Bandaru Rafael Cacao Alan W. Pang	Joint	Aug 8, 2024	Non-Enabling
2024-121	A Novel Treatment of Obstructive Sleep Apnea Using Continuous Wave Interferometry Radar	Changzhi Li Christopher Williams Geyang Xu Ke Tom Xu	Joint	Aug 13, 2024	Archived
2024-122	Innovative Cryogel for Specific Autoantibodies Removal in Rheumatoid Arthritis Treatment	Akhilesh K. Shakya	TTU	Aug 14, 2024	IPRC
2024-123	Small Molecule Ligands Inhibitors for the Phosphorylated Tau at Ser23 (Ser 285) and Tyr44 (Tyr 310) in Alzheimer's Disease	Pradeep Kiran Jangampalli Adi P. Hemachandra Reddy	HSC	Aug 9, 2024	Archived
2024-124	Discrete Wind Gust Analysis process and methodology.	Anthony L. Masias Matt B. Phelps C. Justin Van De Wiele	External	Aug 20, 2024	Archived
2024-125	PEGylation of Therapeutic Proteins	Jon McCord Roger B. Sutton	HSC	Aug 21, 2024	IPRC
2024-126	Targeting Hormone Levels in the Brain	Deborah Clegg	HSC-EP	Aug 22, 2024	Active
2024-127	Aerobic Oxidation of Olefins to Make Polyether Polymers	Anthony F Cozzolino Thomas Ericson Mahshad Karimi Sheima Khatib	TTU	Aug 25, 2024	IPRC
2024-128	The ptxD/Phosphite System Activates the Plant Defense Responses and Improves Glycine max Performance Under Abiotic Stresses	Luis Rafael Herrera-Estrella Damar Lizbeth Lopez-Arredondo Francisco Perez-Zavala	TTU	Aug 23, 2024	Active
2024-129	The Bailoo Water 'Maze' (BWTM) Apparatus and Protocol: An Optimized, Reliable, and Repeatable Method for Screening Learning, Memory, and Aspects of Executive Functioning in Laboratory Mice	Jeremy D Bailoo	HSC	Aug 29, 2024	Assess
2024-130	Strings to Target Junctional Epithelium	Harvinder S. Gill Rohan Suresh Ingrole	TTU	Aug 29, 2024	Assess
2024-131	Devices for Targeting Multiple Gum Pockets	Harvinder S. Gill Rohan Suresh Ingrole	TTU	Aug 29, 2024	Assess

# Appendix B

## FY24 Provisional Patent Applications Filed

Intellectual Property Tracking Code	Inventions	Intellectual Property Title	Application Date	Application No.	Inventors	Type
2022-067-01	2022-067	Methods and Protocols to Develop Food-Induced Allergic and Anaphylactic Responses in a Porcine Animal Model	Nov 1, 2023	63/595,130	Harvinder S. Gill Akhilesh K. Shakya Lazar Nesovic Brittany L. Backus	Provisional
2022-087-02	2022-087	Customized Medical Support	Feb 7, 2024	63/550,813	David Shane Harper	Provisional
2022-110-01	2022-110	Fascial Elevator for Surgical Cautery Tools	Sep 21, 2023	63/539,771	David Shane Harper	Provisional
2023-008-01	2023-008	Bi-Enzymatic-Assay for Detection of Organophosphate Nerve Agents	Jan 18, 2024	63/622,350	Jan Halamek Emilynn Banks	Provisional
2023-013-02	2023-013	Blister Pack with Needles for Drug Delivery	Nov 20, 2023	63/601,161	Jeremy Marston Chase Z. Zitterkopf Stephen J. Usala	Provisional
2023-014-02	2023-014	Method and Apparatus for Measuring Inhibin A and Inhibin B and Algorithms for their Use as Biomarkers	Apr 25, 2024	63/638,491	Harvinder S. Gill Gaurav Joshi Logan Wilks David Vineyard	Provisional
2023-015-02	2023-015	Treatment of Retinal Degeneration with Minocycline and Minocycline Analogs	Oct 24, 2023	63/545,491	Ted W. Reid Susan E. Bergeson Robert V. Duncan	Provisional
2023-018-02	2023-018	Device, Methods, and Systems for Electrochemical Fixation of Nitrogen	Jun 10, 2024	63/658,202	Cuikun Lin Christopher W. Carty Ian N. Jones	Provisional
2023-027-01	2023-027	Protective Wipes	Sep 6, 2023	63/580,806	Seshadri S. Ramkumar Bunmi K. Olopade	Provisional
2023-028-01	2023-028	KLF2 is a Novel Target for Covid Therapy	Oct 27, 2023	63/593,670	Hiranmoy Das	Provisional
2023-031-02	2023-031	Equine Naso-Gastric Tube Model and Related Methods	Mar 20, 2024	63/567,588	Luis Angel Morales Luna	Provisional
2023-032-01	2023-032	Herbicide Resistant HPPD Variants Identified via Directed Evolution	Sep 30, 2023	63/541,802	Huazhong Shi Hongjia Qian	Provisional
2023-037-02	2023-037	Humeral Nail Design and Related Methods	Feb 10, 2024	63/552,112	Brendan J. Mackay Jason N. Chen Caleb P. Gottlich	Provisional
2023-053-01	2023-053	Pharmacological Agonist of KLF2 Reduces Osteoclast Differentiation and Inflammation	Oct 27, 2023	63/593,641	Hiranmoy Das Bhaskar C. Das	Provisional
2023-056-01	2023-056	Systems and Methods for Directing a User to Manage a Wound in a Subject	Mar 6, 2024	63/562,160	Brittany Bankhead-Kendall Julie Chugh Peter Keller Richard Gale	Provisional
2023-059-02	2023-059	System And Method For Analyzing Wind Fields During Landfalling Tropical Cyclones	Aug 22, 2024	63/686,136	Brian D. Hirth Brian C. Ancell John L. Schroeder Tyler J. Wixtrom	Provisional
2023-060-01	2023-060	System and Method for Behavioral Analysis of Suspicious Events and Malicious Applications in Computer Systems	Sep 19, 2023	63/583,737	Akbar Siami Namin Tommy Dang Huyen Nguyen	Provisional
2023-073-01	2023-073	mRNA therapy for Congenital Nephrotic Syndrome (CNS)	Oct 30, 2023	63/546,470	Tetyana L. Vasylyeva Md Saimul Islam	Provisional
2023-083-01	2023-083	Metal Hydride and Metal Hydroxide Production in Sealed Environments	Feb 9, 2024	63/551,878	Robert V. Duncan Cuikun Lin Christopher W. Carty Andrew K. Gillespie Ian N. Jones Sandeep Puri	Provisional

Intellectual Property Tracking Code	Inventions	Intellectual Property Title	Application Date	Application No.	Inventors	Type
2023-086-01	2023-086	Indacaterol for Treatment of Diet-induced Obesity	Jan 12, 2024	63/620,574	Prasanth V. Chelikani Mahmoud Salama Ahmed Heba A. Ewida	Provisional
2023-088-01	2023-088	Genome Editing of Plant JAZ Genes for Pathogen Resistance	Sep 1, 2023	63/536,317	Christopher Dale Rock Sunitha S. Sukumaran	Provisional
2023-093-01	2023-093	Gas Separation and Purification	Mar 12, 2024	63/564,166	Robert V. Duncan Cuikun Lin Andrew K. Gillespie Ian N. Jones	Provisional
2023-095-01	2023-095	Magnetic Flow Cytometry with Enhanced Multiplicity	Mar 7, 2024	63/562,374	Kai Wu Jian-Ping Wang Vinit Kumar Chugh	Provisional
2023-096-01	2023-096	Methods and Systems for Recovery of Rare Earth Elements from Magnets	Jan 9, 2024	63/619,024	Gerardine G. Botte Christian Alvarez Pugliese	Provisional
2023-111-01	2023-111	Methods and Systems for Engineering C-Band Telecom-Wavelength Quantum Defects	Sep 25, 2023	63/585,111	Hongxing Jiang Jing Li Jingyu Lin Musab Almohammad Zaid Alemoush	Provisional
2023-112-04	2023-112	Organo-Selenium Compounds that Confer Antimicrobial Properties and Can Attach to Cellulose-Based Fibers and Textiles	Aug 12, 2024	63/681,965	Ted W. Reid Noureddine Abidi Phat L. Tran Nick B. Bergfeld	Provisional
2023-119-01	2023-119	Electrical Reflectance Method for Solution, Nanoparticle, and Cell Analysis and Identification	Jan 11, 2024	63/619,881	Dimitri S. Pappas Gordon Christopher Derek Johnston	Provisional
2024-001-01	2024-001	Colorimetric Polymer Time-Temperature Indicators	Apr 23, 2024	63/633,600	Wei Li Md Nayeem Hasan Kashem	Provisional
2024-005-01	2024-005	Ammonia Absorbents Using Salts in Metal Fiber Matrix	Dec 5, 2023	63/606,286	Mahdi Malmali Alon McCormick Tejas Nivarty Jeff Schott Sufian Bin Humayun	Provisional
2024-007-01	2024-007	Acetylcholinesterase Inhibition from N-(Phosphonomethyl) Glycine (Glyphosate)	Feb 22, 2024	63/556,467	Jan Halamek Ashley B. Newland Lenka Halamkova	Provisional
2024-010-01	2024-010	System and Method for Increasing a Storage Capacity of an Underground Storage Reservoir Using an Electrical Submersible Pump	Jan 10, 2024	63/619,362	Marshall C. Watson Hossein Emadi Nachiket B. Arbad	Provisional
2024-012-01	2024-012	Rapid Fentanyl Sensing via Biochemical Assay	Feb 22, 2024	63/556,480	Jan Halamek Emilynn Banks	Provisional
2024-017-01	2024-017	Ad36E4orf1 Peptide Fragments as Anti-diabetic Agents	Oct 10, 2023	63/543,338	Nikhil V. Dhurandhar Vijay Hegde	Provisional
2024-023-01	2024-023	Polymer Nanodiscs as Novel Nanocarriers for Anticancer Drug Delivery	Mar 23, 2024	63/569,130	Hongjun Liang	Provisional
2024-026-01	2024-026	Meat Exudate as a Natural Flavor Enhancer	Jun 10, 2024	63/658,269	Jerrad F. Legako Tyson Brown	Provisional
2024-031-01	2024-031	Method for developing de novo transgenic and gene-edited shoots without tissue culture	Aug 27, 2024	63/687,694	Luis Rafael Herrera-Estrella Gunvant Patil Arjun Ojha Kshetry	Provisional
2024-032-01	2024-032	Auditory Binaural Beats Guided by Electroencephalography Feedback	Apr 1, 2024	63/572,772	Chanaka N. Kahathuduwa Jessica Blume Chathurika Dhanasekara	Provisional
2024-033-01	2024-033	Fast Startup Baseband Amplifier	Jan 19, 2024	63/622,700	Changzhi Li Aaron B. Carman	Provisional
2024-034-01	2024-034	Clutter Cancellation and Other Related Methods	Mar 8, 2024	63/562,995	Changzhi Li Aaron B. Carman	Provisional
2024-035-01	2024-035	Placenta-Targeted Nanoparticles or Conjugates and Methods of Use Thereof	Jul 5, 2024	63/668,025	Shu Wang George I. Henderson Sambantham Shanmugam	Provisional
2024-044-01	2024-044	Optimal Power Outage Restoration in Distribution Systems Assisted by State Estimation	Jun 12, 2024	63/659,164	Stephen B. Bayne Manohar Chamana Konrad Erich Kork Schmitt	Provisional
2024-048-01	2024-048	System and Method for Designing and Fabricating a Three-Dimensional Reciprocal Lattice Structure	Jun 21, 2024	63/662,495	Sina Mostafavi Tahmures Ghiyasi	Provisional



Intellectual Property Tracking Code	Inventions	Intellectual Property Title	Application Date	Application No.	Inventors	Type
					Edgar H. Montejano Cole D. Howell	
2024-049-01	2024-049	Pan EphB tyrosine kinase forward signaling inhibitors in EphB-associated diseases	Aug 20, 2024	63/684,938	Mahmoud Salama Ahmed Heba A. Ewida Syed M. Tareq Jenny L. Wilkerson Harrison Benson	Provisional
2024-055-01	2024-055	A Nuclear Energy Cycle and Related Methods	Mar 22, 2024	63/568,731	Robert V. Duncan	Provisional
2024-057-01	2024-057	System and Method for Generalized Brunauer-Emmett-Teller Isotherm for Single and Mixed-Gas Multilayer Adsorption Equilibria	Jun 30, 2024	63/666,190	Chau-Chyun Chen Usman Hamid	Provisional
2024-060-01	2024-060	DLG1 to Enhance Insulin Signaling Pathway	Jun 18, 2024	63/661,183	Nikhil V. Dhurandhar Vijay Hegde	Provisional
2024-065-01	2024-065	A Sorghum Gamma Kafirin Mutant with Improved Protein Digestibility in the Grain	Mar 25, 2024	63/569,631	Yinping Jiao	Provisional
2024-065-02	2024-065	A Sorghum Gamma Kafirin Mutant with Improved Protein Digestibility in the Grain	Mar 26, 2024	63/570,107	Yinping Jiao	Provisional
2024-068-01	2024-068	Photoconductive Switches Based On AlN And BN Ultrawide Bandgap Semiconductors	Mar 19, 2024	63/567,043	Jingyu Lin Hongxing Jiang Jing Li Weiping Zhao	Provisional
2024-069-01	2024-069	System and Method for Target Isolation and Enhancement Through Coherent Multi-View Vital-Doppler Detection	Jul 26, 2024	63/676,140	Changzhi Li Syed Doha Uddin Christopher Williams Kenneth Balogh Davood Khoozan Vikram Ramprakash	Provisional
2024-076-01	2024-076	Closed-Loop Optical Neuromodulation System ("CLONE") for the Monitoring and Management of Hot Flashes	Aug 29, 2024	63/688,799	Alok K. Dwivedi Deborah Clegg Pallavi Dubey	Provisional
2024-080-01	2024-080	New Members of Chirality Family - Turbo and Staircase Chirality	May 6, 2024	63/642,932	Guigen Li	Provisional
2024-083-01	2024-083	Devices, Systems, and Methods for Junctional Epithelial Targeting (JET) by Agitation	May 30, 2024	63/653,894	Harvinder S. Gill David Syn Seth Boese	Provisional
2024-084-01	2024-084	Junctional Epithelium Targeter	May 16, 2024	63/648,285	Harvinder S. Gill Rohan Suresh Ingrole Ghanesh Kesav Venkatesa Prabhu	Provisional
2024-090-01	2024-090	Tissue Sample Template	Jul 24, 2024	63/657,068	Paul Egan Alan W. Pang Scott Boyer Crystian Zamora Ethan Le	Provisional
2024-097-01	2024-097	Pet Food Probiotics for Health and Safety	Aug 12, 2024	63/682,097	Kendra K. Nightingale Mindy Brashears	Provisional
2024-098-01	2024-098	Methods and Systems for Making Asphalt Composite with Recycled Wind Turbine Material	Jul 18, 2024	63/673,100	Rajesh Shrikant Khare Paul Egan Priya Gill Tewodros Ghebrab Pawel Polaczyk Samantha Kristufek	Provisional
2024-103-01	2024-103	Infrared Emissive Conjugated Polymers, Composites, and Compositions	Jun 6, 2024	63/657,016	Joshua Tropp Robert Posey Nikita Gill	Provisional
2024-126-01	2024-126	Targeting Hormone Levels in the Brain	Aug 29, 2024	63/688,770	Deborah Clegg	Provisional
2024-128-01	2024-128	Use of a PTXD/Phosphite System to Enhance Plant or Seed Performance	Aug 24, 2024	63/686,746	Damar Lizbeth Lopez-Arredondo Luis Rafael Herrera-Estrella Francisco Perez-Zavala	Provisional

# Appendix C

## FY24 Issued

## US Utility Patents

Intellectual Property Tracking Code	Country of Filing	Intellectual Property Title	Application Date	Intellectual Property Number	Issue Date	Inventors
2019-041-02	United States	HNQ01-ACTIVATABLE FLUORESCENT PROBE FOR IMAGING CANCER CELLS IN-VITRO AND IN-VIVO	Nov 17, 2020	11,957,766	Apr 16, 2024	Kalkunte S Srivenugopal Surendra R Punganuru Jingyu Lin
2019-129-03	United States	SEMICONDUCTOR OPTICAL PHASED ARRAYS (OPA'S) AND METHODS RELATED THERETO	Aug 26, 2022	11,747,658	Sep 5, 2023	Hongxing Jiang Changzhi Li Jing Li
2020-010-01	United States	CHIP PRODUCT	Jan 29, 2020	12,004,540	Jun 11, 2024	Richard S. Meyer
2020-059-05	United States	Respirator Designed to Mitigate Deep Lung Infections	Mar 16, 2021	12,053,578	Aug 6, 2024	Robert V. Duncan Annette Sobel Cuikun Lin Moses Trevor Dardik Robert Baca Christopher W. Carty
2020-060-02	United States	BACE1 INHIBITORY LIGAND MOLECULES AGAINST AMYLOID BETA-INDUCED SYNAPTIC AND MITOCHONDRIAL TOXICITIES	Oct 8, 2021	12,042,492	Jul 23, 2024	P. Hemachandra Reddy Pradeep Kiran Jangampalli Adi
2020-103-03	United States	Using Ultrasound and Artificial Intelligence to Assess Muscle Stretch Reflexes	Dec 13, 2022	11,918,409	Mar 5, 2024	Jongyeol Kim Richard Hoppmann
2022-097-01	United States	PEDIATRIC CHILD POSITION HOLDER AND METHODS OF USING SAME	Nov 7, 2019	11,903,864	Feb 20, 2024	Frank Quattromani
2023-033-01	United States	GOLF BALL LOCATING NONLINEAR RADAR SYSTEM EMPLOYING A SNOWFLAKE NONLINEAR PASSIVE TAG AND ASSOCIATED METHOD(S)	May 10, 2023	11,892,537	Feb 6, 2024	Changzhi Li Leya Zeng Dan Fazzini Steven W. Johnson Robert Fazzini Rhyse J. Joseph Vishal G. Yadav emmanuel camacho
D-0760-18	United States	Media Compositions for Promoting Bacterial and Fungal Growth	Jun 12, 2020	11,753,617	Sep 12, 2023	Mark Lyte
D-1037-04	United States	SYSTEM AND METHOD FOR DETERMINATION OF VISCOELASTIC PROPERTIES FROM GIVEN TIME-DEPENDENT PENETRATION OF A TEST LIQUID CREEPING INSIDE A CHANNEL	Jun 22, 2018	12,038,361	Jul 16, 2024	Sukalyan Bhattacharya
D-1072-04	United States	MICRODEVICE FOR CELL SEPARATION UTILIZING ACTIVATION PHENOTYPE	Jul 29, 2020	12,013,396	Jun 18, 2024	Dimitri S. Pappas
D-1195-04	United States	MICROFLUIDIC DEVICES AND METHODS FOR BIOASSAYS	Oct 6, 2020	11,998,915	Jun 4, 2024	Siva A. Vanapalli Swastika S. Bithi
D-1196-03	United States	APPARATUS AND METHOD FOR SEPARATING LIQUID OXYGEN FROM LIQUIFIED AIR	Jun 27, 2017	11,746,013	Sep 5, 2023	Robert V. Duncan
D-1530-03	United States	COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF ALT CANCER	Mar 9, 2019	11,913,077	Feb 27, 2024	Patrick Reynolds Balakrishna Koneru Shawn J. Macha
D-1536-02	United States	GLYCOSIDE HYDROLASES TO TREAT BIOFILM-ASSOCIATED INFECTIONS	Jul 16, 2019	11,878,050	Jan 23, 2024	Kendra P Rumbaugh Derek F. Fleming
D-1563-03	United States	Stable Cell Line Secreting Chikungunya Virus (CHIKV) Virus Like Particles (VLP) for Vaccines	Sep 26, 2019	11,827,675	Nov 28, 2023	Himanshu Garg Anjali Joshi
D-1567-02	United States	SURFACE COATING FOR REDUCTION OF AERODYNAMIC NOISE AND VIBRATIONS	Oct 9, 2020	12,012,981	Jun 18, 2024	Burak Aksak Luciano Castillo Humberto Bocanegra Evans

Intellectual Property Tracking Code	Country of Filing	Intellectual Property Title	Application Date	Intellectual Property Number	Issue Date	Inventors
D-1580-04	United States	Method and System for Adsorbed Phase Activity Coefficients for Mixed-Gas Adsorption	Oct 21, 2019	12,044,694	Jul 23, 2024	Chau-Chyun Chen Hla Tun Harnoor Kaur
D-1591-02	United States	TREATMENT STRATEGIES AGAINST ANTHRAX BY INTERFERING WITH CRITICAL HOST FACTORS	Oct 23, 2019	11,946,047	Apr 2, 2024	Mingtao Zeng Lihong Wu



# Appendix D

## TTU System Invention Disclosures by College and Department

School/College	Total Disclosures	Percent
TTU Engineering	43	33%
TTUHSC Medicine	21	16%
External	16	12%
TTU Arts & Sciences	11.5	9%
TTU Davis College	10.5	8%
TTUHSC Pharmacy	8	6%
TTUHSC El Paso Medicine	6	5%
TTU Human Sciences	5.5	4%
TTU Vet Medicine	4.5	3%
Other*	3	2%
TTUHSC Health Professions	1	1%
TTUHSC Nursing	1	1%
<b>Totals</b>	<b>131</b>	<b>100%</b>

\* Other schools/colleges include TTU Administration, Architecture and Theatre

## TTU Invention Disclosures by TTU Department

Arts & Sciences	Percent by Dept.
Environmental Toxicology	39%
Chemistry & Biochemistry	35%
Physics & Astronomy	1%
National Wind Institute	4%
Renewable Energy	4%
Biological Sciences	4%

<b>Engineering</b>	<b>Percent by Dept.</b>
Chemical	45%
Mechanical	29%
Electrical	13%
Industrial	7%
Petroleum	5%
Civil	1%

<b>Davis College</b>	<b>Percent by Dept.</b>
Animal & Food Science	66%
Plant & Soil Science	29%
Natural Resource Management	5%

**TTU HSC School of Medicine Invention Disclosures by Department**

<b>Medicine</b>	<b>Percent by Department</b>
Pediatrics	20%
Surgery	18%
Cell Biology & Biochemistry	12%
Anesthesiology	8%
Obstetrics & Gynecology	8%
Pharmacology & Neurology	8%
Orthopaedic Surgery	8%
Cell Physiology & Molecular Biophysics	6%
Internal	6%
Ophthalmology	4%
Otolaryngology	4%