

impact on the Permian Basin

★ The University of Texas of the Permian Basin ★

ECONOMIC IMPACT

The University of Texas System generates critical tax revenue and thousands of jobs in West Texas. The University of Texas of the Permian Basin (UTPB) budget is nearly \$53 million (FY 2011) and the university employs 465 faculty and staff with regional employment attributable to more than 7,400 people. UTPB's economic impact is approximately \$322 million annually.

GROWTH

UTPB has experienced a 78 percent growth over the last 10 years, and 70 percent of students are first-generation college students. While UTPB has traditionally served the West Texas region, expanding programs, accreditations and joining the National Collegiate Athletic Association (NCAA) Division II has the university seeing student population growth from metropolitan areas including Dallas-Fort Worth, San Antonio, Houston and Austin.

HISPANIC SERVING INSTITUTION

UTPB is also a designated Hispanic Serving Institution. HSIs are institutions of higher education with enrollment that is at least 25 percent Hispanic. As such, UTPB is able to apply for Title V grants that provide intensive English programs, build academic programs, mentor programs and a variety of other support services including the literacy center at no cost to all students enrolled at the University. UTPB's Hispanic enrollment is 37 percent.

STUDENTS & ALUMNI

In Fall 2010, UTPB student enrollment was 4,063. Students from 120 Texas counties attend the University alongside students from Mexico, China, Norway, Australia, Romania, Brazil and Montenegro. The University offers 33 bachelor's, 19 master's and one collaborative doctoral degree (with UT San Antonio) through three colleges. Online degree programs include master's, baccalaureate degrees and education certifications.

The University's 12,400 alumni are making major contributions to every facet of the state's landscape. From politics to business, from medicine to art, from education to non-profit management, UTPB alums are doing it all. Two local community college presidents, Dr. Greg Williams of Odessa College and Dr. Steve Thomas of Midland College, received master's degrees from UTPB, and more than half of the public school teachers and administrators in West Texas have walked across UTPB's stage.

RECOGNITION

UTPB was recognized for excellence in 2009 by the Texas Higher Education Coordinating Board (THECB) for piloting AVID strategies in freshmen seminar classes. In 2010, UTPB was recognized by *U.S. News & World Report* in the top tier of Western Masters universities and ranked in the top third of master's universities by *Washington Monthly*. That magazine also awarded UTPB a Top 20 award for Social Mobility for graduating first generation college students.

Student Bowling
UTPB Mesa Deck

The University of Texas System



Volleyball
Lady Falcons

The University of Texas System

The University received reaccreditation without a single recommendation from the Southern Association of Colleges and Schools (SACS) in 2010. Also, four of UTPB's premiere professional programs: business, education, social work and visual arts are nationally accredited. The UTPB School of Business was reaccredited in 2011 by the Association to Advance Collegiate Schools of Business (AACSB) International. The School of Education is accredited by the National Council for Accreditation of Teacher Education (NCATE). The Social Work Program is accredited by the Council on Social Work Education, and the visual arts programs have been accredited by the National Association of Schools of Art and Design (NASAD).

Four out of five UTPB pre-med students are accepted into medical programs within Texas, and 99 percent of UTPB students who take the educator certification exam pass it. UTPB boasts three Piper Professors: Dr. Sophia Andres, professor of English and Kathlyn Cospier Dunagan Professor in Humanities who serves as Chair of Literature and Languages; Pam Price who retired last year as the Mr. & Mrs. Louis Rochester Professor of Fine Art; and Dr. Doug Hale, associate provost and professor of mathematics. Dr. Hale was also the recipient of a Board of Regents Outstanding Teaching Award.

RESEARCH

With \$2.4 million (FY 2010) in research expenditures, UTPB faculty celebrated a goal reached three years early.

The University was awarded \$4.9 million from the Department of Education's "Opportunities for Student Achievement and Transfer" (OSAT) to develop the mechanical engineering program which encourages community college transfer students as well as improves success rates in the STEM disciplines.

UTPB's School of Education was the only one in Texas to be awarded a \$500,000 Dept. of Education grant for preservice teacher improvement to address students with disabilities. UTPB also received \$1.5 million for Training Educators, Assessment and Mentoring for English Language Learning Students. Dr. Juli Ratheal, associate professor of math education, has been awarded over \$1 million for middle school math teacher development in collaboration with other West Texas schools and area universities. Dr. Doug Henderson, professor of biology, received a second National Institutes of Health grant for over \$200,000 for studying hemoglobin to create an artificial blood supply.

The National Science Foundation awarded a \$750,000 grant for financial incentives to boost the number of science and math majors obtaining certification to teach. Chemistry professor Dr. Michael Robinson was awarded a \$600,000 grant by Chevron for several years of research (finalized in Summer 2011) on the use of plant biomass as a source of liquid transportation fuels.

In Fall 2010, the University's first childcare center opened with funding from the James A. "Buddy" Davidson Charitable Foundation. Also, a four-year grant for \$1.07 million will train master teachers to work with infants and young children with autism spectrum disorders and other developmental disabilities. Serving the unique needs of students, families, and school districts in the Permian Basin is a high priority.

CONSTRUCTION

UTPB facilities continue to expand, and the university will invest approximately \$147 million in upcoming construction projects:

- \$81 million for the world-class Wagner Noël Performing Arts Center (opens fall 2011)
- \$54 million for a state-of-the-art Science and Technology Complex (opens fall 2011)
- \$12 million for a Student Multipurpose Center with workout facilities, exciting new dining options, places to study and a child-care center (opened spring 2010)



Art Lab
UT Permian Basin

The University of Texas System

CONTRIBUTIONS TO THE REGION

The UTPB Center for Energy and Economic Diversification (CEED) aids the Permian Basin economy by focusing on the oil and gas industry, renewable energy and small business development. CEED is working with industry partners to provide CO₂ Enhanced Oil Recovery (EOR) and Carbon Capture and Sequestration (CCS) training for professionals and both undergraduate and graduate students. CEED is also working with industry partners on a Research Partnership to Secure Energy for America (RPSEA) grant to model the development of Residual Oil Zones (ROZ's) and expand the potential for the production of billions of additional barrels of oil with CO₂ EOR from below existing producing fields. A separate Department of Energy (DOE) funded grant will study ROZ's beneath the Goldsmith Field in Ector County. Additionally, CEED expects to expand the studies of ROZ's regionally and nationally.

The Jan and Ted Roden Center for Entrepreneurship encourages the true entrepreneurial spirit and initiative of the Permian Basin. The center promotes this as a viable career to students at all levels, business owners, and potential business owners.

The UTPB Small Business Development Center provides business counseling, technical assistance, training workshops and business plan development for small businesses in a 16-county area. The center strives to promote growth, expansion, innovation, increased productivity and improved management for all small businesses.

The School of Education is a pivotal resource for the continued success of West Texas. With more than 80,000 youngsters in area public schools, training highly qualified teachers is an essential mission of UTPB. More than half of the educators in West Texas have received degrees and certifications through the school.

UTPB contributes significantly to the arts in West Texas, and the University will soon be home to the Wagner Noël Performing Arts Center, which will include excellent acoustics, a performance hall, a multi-use recital hall, a grand lobby for receptions and events and academic classrooms. Broadway-quality performances will take the stage here, as will local performers, UTPB students and school children. Forty years in the making, the Wagner Noël Performing Arts Center is a dream come true for West Texas.

The High-Temperature Teaching and Test Reactor (HT³R) project at UTPB was started with an earmark sponsored by U.S. Sen. Kay Bailey Hutchison. The Green Freedom technology, first conceived at Los Alamos National Laboratory (LANL), has joined the HT³R project within a Cooperative Research and Development Agreement (CRADA) between UTPB and LANL. These two projects are an expression of West Texas' commitment to address sustainable energy systems in the nation and world. Additional funding of more than \$6 million, with industrial partnerships, is presently being established to quickly commercialize Green Freedom. The HT³R is now being re-structured to become a national fuel and material testing and research reactor for the nuclear industry with the fuel being supplied by the Department of Energy.

UTPB continues to develop collaborative relationships with area community colleges. The University offers Direct Connect programs, allowing students to seamlessly transfer to UTPB. Currently, 17 community colleges are partnering with UTPB to facilitate the transfer process.



NIH awardee
Dr. Doug
Henderson

The University of Texas System

facts at a glance

UT Permian Basin

Year Established: 1969

Year Joined UT System: 1969

Enrollment: 4,063 (Fall 2010)

Degrees Awarded: 682 (2009-2010)

Faculty: 215 (Fall 2010)

Personnel*: 250 (Fall 2010)

Budget: \$52.7 million (FY 2011)

Research Spending: \$2.4 million (FY 2010)

President: W. David Watts

For Information: 432-552-2020

Website: www.utpb.edu

*Does not include student employees.

UT SYSTEM'S COMMITMENT

The core commitment of the University of Texas System is to education as a life-transforming experience. The System is dedicated to strengthening the entire education enterprise, from pre-kindergarten through post-graduate studies. UT System's 15 institutions are composed of thousands of people who are making a difference in Texas and in the global community.



THE UNIVERSITY OF TEXAS SYSTEM

Nine Universities. Six Health Institutions. Unlimited Possibilities.

www.utsystem.edu