THE UNIVERSITY OF TEXAS AT SAN ANTONIO has a vision to become one of the nation’s top public research universities. The reasons are simple: It is needed to improve the lives of the people of San Antonio through scholarship and discovery, and to strengthen our economy.

Job creation, research innovations and a skilled workforce are the tools that help form strong economies—tools that UTSA has and will provide in the future.

This document lists a sampling of these contributions in the areas of scholarship, research and community outreach.

UTSA’s plan to become a tier one or national research university will improve these tools as well as provide another top tier university in the state. The latter is crucial in ending the loss of more than 10,000 talented students each year who leave Texas to attend top universities in other states.

UTSA’s tier one plan also will further help the city fulfill its vision to become a viable player in the global market, strengthening the economy for the city, region and state.

Recognized by Texas as an emerging research university, UTSA is becoming a tier one university for a tier one city.

President

THE UNIVERSITY OF TEXAS AT SAN ANTONIO generates more than $1.2 billion in annual business revenues and supports an estimated 15,720 jobs in the San Antonio metropolitan statistical area, based on current figures.

The economic impact stems from the university’s capital expenditures, operating budget, total amount of money spent by faculty, staff and students, and UTSA’s Institute for Economic Development. UTSA employs more than 5,600 and is one of the largest employers in San Antonio.

Economic Impact at the MSA Level 2008

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<thead>
<tr>
<th></th>
<th>output impact**</th>
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<td>institute for economic development</td>
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<td>TOTALS</td>
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**Output Impact is dollar amount that UTSA’s expenditures and related expenditures have on the area economy.
***Employment Impact is UTSA and indirect employment related to campus activities and expenditures.

Three keys to economic growth

UTSA’s economic contributions stem from three main areas of focus: scholarship, research and community outreach.

These areas, key in providing an excellent education and preparing leaders for the future, also have become the foundation for the university’s economic prosperity.
What UTSA Students Contribute

Educational attainment has proven to be a strong indicator of economic prosperity.

The University of Texas at San Antonio was established in 1969 to meet the higher education needs of South Texas. Beginning with 670 graduate students in 1973, UTSA now educates more than 29,000 students and has more than 76,000 alumni worldwide.

It has become the number one provider of degrees in South Texas, and grants the nation’s highest number of bachelor’s degrees to Hispanic students in the biological sciences.

Approximately 86 percent of UTSA graduates remain in Texas, adding an estimated $4.8 billion in earnings alone to the state economy. Approximately 70 percent remain in the San Antonio metropolitan area.

Jason Keoni Rose, ’01
Rose, who has a bachelor of science degree in biology, is the founder of Alamo Biodiesel Inc., which produces alternative fuel made from used cooking oil.

“The benefits of using alternative fuel include reduced dependence on foreign oil, reduced greenhouse gas emission smells, reduced black exhaust smoke, quieter and smoother-running engines and a lower fuel bill.”

Kay Hindes, ’86
Hindes, who received a bachelor of arts in anthropology with a specialty in archaeology, is staff archaeologist with the City of San Antonio.

“UTSA’s Center for Archaeological Research really utilized students. We all had projects and things to work on. Some of my first fieldwork was for what was called Las Tiendas—Rivercenter Mall.”
What UTSA Innovation Means FOR SAN ANTONIO

UTSA, committed to address society’s needs through innovation and discovery, has gained recognition as one of the state’s emerging research universities. Its 19 research centers and institutes have placed San Antonio on the map with discoveries and advances in these areas:

- cyber security
- Alzheimer’s diagnosis and treatment
- emerging infectious diseases
- neuroscience
- archaeological research
- music research
- conventional, alternative and renewable energy.

Research expenditures have doubled since 2005 and include major collaborations with universities, medical institutions, federal and state entities and commercial partners all over the world.

Locally, UTSA collaborates with UT Health Science Center at San Antonio, Southwest Research Institute, the U.S. military, local school districts and various corporations.

In 2009, UTSA’s research expenditures and sponsored program funding totaled more than $67 million.

Nanotechnology on a Global Scale

MIGUEL YACAMAN
Professor and chairman
Department of Physics and Astronomy

Miguel Yacaman is the author of numerous books and articles. He is a world-renowned expert in the field of nanotechnology.

But his biggest achievement has made history at UTSA. Yacaman is in charge of the first aberration-corrected electron microscope in the United States and only the second of its kind in the world.

The multimillion dollar instrument will be housed in Yacaman’s UTSA lab and can be used remotely by researchers all over the world. It is powerful enough to clearly show the makeup of an atom and can be used across multiple disciplines, from architecture to zoology.

Protecting our Health and Security

KARL KLOSE
Director of the South Texas Center for Emerging Infectious Diseases

Karl Klose and a team of researchers are closer to developing a suitable vaccine to combat the deadly tularemia infection, or rabbit fever.

The infection is caused by Francisella tularensis, which is thought to be found in animals, especially rodents and rabbits. Humans are exposed through bites from infected ticks and flies, handling infected animals, ingesting contaminated food or water, or by inhalation, therefore causing great concern that F. tularensis could be used as a bioweapon. In fact, the federal Centers for Disease Control have classified it as an agent with the highest potential to be used as a biological weapon.

Klose is collaborating with researchers at the Burnham Institute for Medical Records, The University of Texas Southwestern Medical Center at Dallas, and Thomas Jefferson University to protect against this public threat.
What UTSA Means FOR THE COMMUNITY

A PREMIER UNIVERSITY is more than just an economic anchor. It is a center for enrichment and enlightenment. UTSA offers programs, guest lectures, political debates and artistic performances throughout the year to better serve students, faculty, staff and the local community.

Economically, UTSA contributes to the community through its 16 Division I athletic programs, the Institute of Texan Cultures, Prefreshman Engineering Program, purchases from Historically Underutilized Businesses and the Institute for Economic Development, in addition to other departments and programs.

Football: It is estimated that visitors attending UTSA athletic events contribute nearly $12 million to the local economy. This dollar amount is expected to rise tremendously as UTSA begins its football program, the first in the history of the university and the only Division I program in San Antonio.

UTSA’s Institute of Texan Cultures: This one-of-a-kind museum offers unique insight into the history of Texas with emphasis on the South Texas region.

In 2008, more than 27,000 students from across the state came to the museum to enrich their Texas history curriculum experience.

The museum’s biggest community event is the Texas Folklife Festival™, which celebrates the state’s rich heritage by showcasing music, food, and arts and crafts from more than 40 cultures.

This annual three-day event attracts an average of 50,000 visitors to San Antonio.

NCAA events: UTSA has been the host of the NCAA Final Four a total of four times since 1998, generating millions of dollars for San Antonio and attracting thousands of visitors. The 2008 NCAA Men’s Final Four alone generated more than $47 million for the local economy, and the university is hosting the women’s Final Four in 2010.

UTSA’s Prefreshman Engineering Program (PREP): UTSA is taking an active role in preparing young students for professional success in the fields of engineering, math and science.

Research shows that these are important fields for future economic and intellectual growth in the country. As a result, the Prefreshman Engineering Program (PREP) was developed to specifically address the region’s deficiencies in these areas to ensure San Antonio can effectively compete in the future global marketplace.

More than 1,000 students in grades 6 through 11 participate annually in the eight-week summer program.

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HUB: Small and minority-owned businesses make a sizeable contribution to the economic development of San Antonio and the South Texas area.

In 2008, UTSA purchases totaled in excess of $55 million, with 29.8 percent or $16.5 million obtained from HUBs (historically underutilized businesses) vendors.

For the sixth time in the past eight years, UTSA ranked among the top 25 state agencies in Texas for spending percentages with HUBs, outperforming the state’s average of 13.5 percent.

Institute for Economic Development: UTSA’s Institute for Economic Development plays an important role in strengthening the economies of San Antonio, Texas and beyond. The institute provides consulting, training, research and information services annually to more than 30,000 small and medium-sized businesses spanning the Southwest Texas border region.

Since its founding in 1979, the institute has helped clients gain access to more than $1.6 billion in new capital and assisted in creating 2,660 new businesses and 41,116 new jobs with the retention of an additional 35,655 jobs.

The institute has helped clients generate $10.2 billion in new sales and contracts and $252 million in new taxes from business growth.

In 2008, the IED helped create 4,464 new jobs and helped clients access $223 million in new capital.
UTSA currently offers many outreach programs and academic support services to the San Antonio community, but plans are in the works to provide even more.

The university is increasing its presence as the area’s leader in research, innovation and academics to provide students the best education in the region and support the city in its efforts to become a viable competitor in the global market.

The university’s strategic plan, “UTSA 2016,” provides a road map to take the institution to a national research level by providing access to excellence, creating new knowledge, serving society and enriching cultural experiences.

These are the building blocks that UTSA will concentrate on for an even greater presence in innovative research, faculty expertise in the community, and more academic programs and support for graduate and undergraduate students.

This envisioned success means even greater economic and intellectual impact for the San Antonio area.
UTSA’S VISION
To be a premier public research university, providing access to educational excellence and preparing citizen leaders for the global environment.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
utsa.edu/impact

MAIN CAMPUS • DOWNTOWN CAMPUS • INSTITUTE OF TEXAN CULTURES