

THE UNIVERSITY OF TEXAS
AT DALLAS



C R E A T I N G T H E F U T U R E

A S P I R A T I O N S O F

As one of the most agile and rapidly growing universities in the world, The University of Texas at Dallas (UTD) attracts an extraordinary combination of student and faculty resources to the vibrant, dynamic and globally connected Dallas-Fort Worth area. Poised to become one of the nation's premier public research universities, UTD aspires to be:

- one of the nation's best public research universities, prepared to meet the challenges of a rapidly changing, technology-driven global society
- a global force in innovative, multidisciplinary research and education in emerging areas of technology, science and learning
- a groundbreaking leader in both framing and answering the questions faced by business, policy makers and the public
- a synergistic partner with local industry, government and cultural organizations as well as local K-12 schools and universities
- one of the most creative, innovative universities in the nation and world

A

t The University of Texas at Dallas, our vision is for UTD to be one of the nation's best public research universities and, ultimately, one of the great institutions of higher learning in the world.

Ambitious? To be sure. Overreaching? I don't think so.

UTD has been committed to excellence since its founding in 1969. Today, it is better than ever and on a steep upward trajectory. UTD has an undergraduate enrollment of extraordinary quality, with average SAT scores of entering freshmen



the highest of any public university in Texas; innovative, interdisciplinary academic programs such as arts & technology; a burgeoning research capability that has attracted two Nobel laureates to the faculty; and a location in one of the most dynamic regions in the United States — the Dallas-Fort Worth Metroplex.

UTD intends to be a leader in framing the critical questions facing the world in the 21st century as well as in helping to answer them; and it will work — collaboratively with industry, government, cultural organizations and schools and other universities — to meet the challenges of a technology-driven global society. Above all else, UTD will produce engaged, well-educated graduates who are prepared to provide leadership and are willing to do so.

Combined, these elements have the potential to propel a fine university to the next level of excellence and world-class status.

It is going to require a tremendous commitment on all of our parts to get there, and a broad, deep and enthusiastic community of support. I ask you to become part of that community of support and partner with UTD to help create an exciting future and make a great city even greater.

A handwritten signature in orange ink that reads "David E. Daniel".

Dr. David E. Daniel

President

The University of Texas at Dallas

SCHOOL OF ARTS AND HUMANITIES

The School of Arts and Humanities combines art, science and technology to create innovative programs. The unique arts and technology program and the Institute for Interactive Arts and Engineering are a dynamic fusion of imagination, intellectual agility and technological expertise. Fine arts converge with computer science in courses that capitalize on UTD's location in a hotbed of the technology and computer-gaming industry. The school also operates centers devoted to literary translation and the study of the Holocaust. It is also home to one of the largest and most sophisticated motion capture laboratories in the nation and the Center for Values in Medicine, Science and Technology.

SCHOOL OF BEHAVIORAL AND BRAIN SCIENCES

The School of Behavioral and Brain Sciences is committed to national leadership in the human sciences, offering all levels of academic training as well as innovative research in psychology,



neuroscience, cognitive science and communication science. The school provides an interdisciplinary environment to advance knowledge on basic issues of human development, education and disorders of the brain and communication. It is also home to world-renowned centers, including the Callier Center for Communication Disorders, the Advanced Hearing Research Center and the Center for BrainHealth.

ERIK JONSSON SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

The Jonsson School leads the nation's public universities in the production of computer science degrees; ranks fifth in the number of degrees awarded in electrical engineering and computer science combined; and is first in the nation in awarding computer science degrees to women. The school offers degree programs in electrical engineering, computer science, telecommunications engineering, materials science and engineering, computer engineering and software engineering. It is also home to the nation's first



ABET-accredited telecommunications engineering program. Located in one of the nation's largest high-tech regions, the school enjoys close relationships with many leading companies. From nanotechnology and human language technology to micro-electrical-mechanical systems to designing cutting-edge advances in cybersecurity and telecommunications, faculty and student researchers address many of the most crucial technical challenges of our time.

SCHOOL OF GENERAL STUDIES

Students in the School of General Studies design their own destinies. The school's hallmark interdisciplinary studies program allows students to build their own major from coursework in different schools. It also accommodates students with varied interests in arts, science and business issues, and those with unique academic goals not served by traditional majors. The Teacher Development Center delivers professional education courses required for initial teacher certification for

Texas public schools. The school also houses the American studies and gender studies majors and administers the Academic Bridge Program, Partnership for SAT Preparation, and various community outreach programs.

SCHOOL OF MANAGEMENT

The School of Management (SOM) has rapidly become one of the nation's leading public business schools. As the largest and fastest growing of UTD's schools, SOM has nearly doubled enrollment in less than a decade and boasts the #1 Executive MBA program in the Metroplex. Supported by globally renowned faculty, SOM is nationally ranked for its full-time Cohort MBA program. SOM also offers innovative programs such as information technology and management, entrepreneurship, medical MBA and doctor of chemistry. The school is a leader in Internet-based distance learning and flexible alternatives, including certificate, online, part-time, short-course and weekend classes.



SCHOOL OF NATURAL SCIENCES AND MATHEMATICS

The beginnings of UTD are rooted in the School of Natural Sciences and Mathematics (NSM). Molecular biology and geoscience and space science research formed the core of the private, industry-driven research center that later became UTD. Those disciplines, plus chemistry, mathematics, and science and mathematics education still remain among UTD's core strengths. Our molecular and cell biology major is a national prototype for interdisciplinary research and education. The school is also home to the internationally recognized Institute for Biomedical Science and Technology, NanoTech Institute, William B. Hanson Center for Space Science and the Sickle Cell Disease Research Center.



SCHOOL OF SOCIAL SCIENCES

The School of Social Sciences provides leadership in tackling humankind's most urgent concerns. Recession, budget deficits, terrorism, war, risk management, epidemics, health, housing, poverty and criminal behavior only hint at the range of problems currently under investigation by faculty and students in the school. Degree programs include criminology, economics, geography, political science, public administration and sociology, legal and legislative studies and geospatial information science. The school is home to such

prestigious journals as the *American Journal of Political Science*, *Electoral Studies* and the *Political Science Quarterly*.





CREATING THE FUTURE

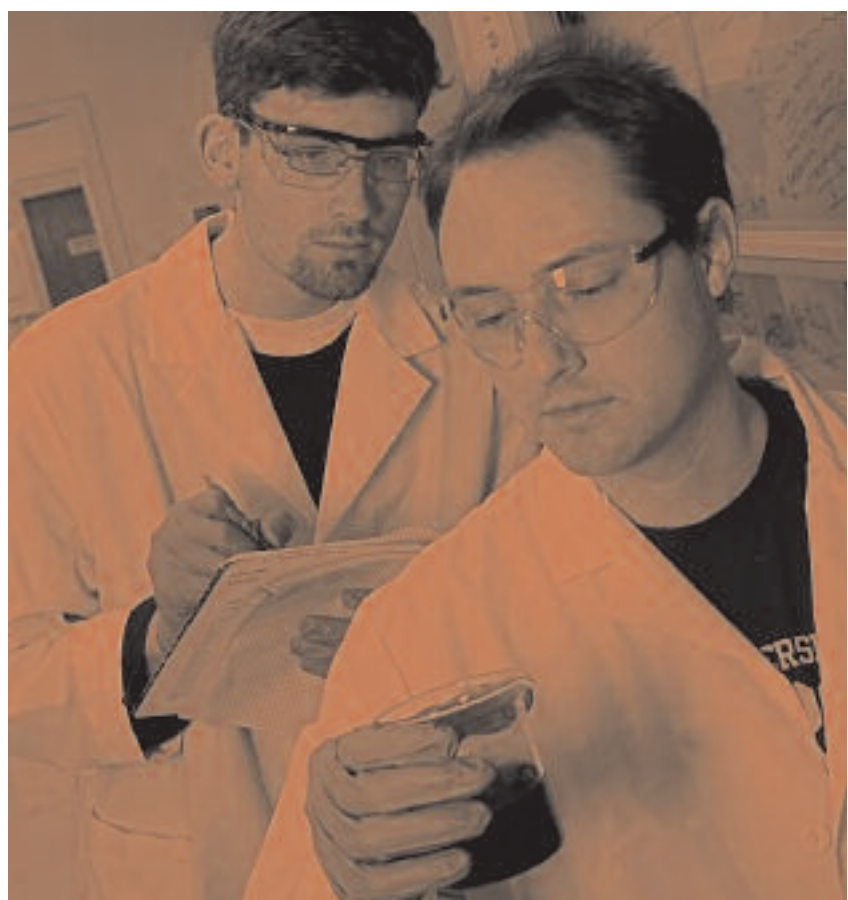
Many schools strive to become innovative, global leaders, but at UTD that's part of our tradition of being a not-so-traditional university. Since we were established as a cutting-edge research center nearly four decades ago, UTD has been dedicated to serving the Dallas-Fort Worth region, the State of Texas, and beyond as an innovator in the fields of science, engineering, and business education and research. We are academically strong enough to attract Nobel laureates and top researchers to our faculty, flexible enough to offer a range of multi-disciplinary coursework that entices top students, innovative enough to establish strong alliances with business and industry, and young and agile enough to react quickly to an ever-changing world. These strengths put us in a unique position to become one of the great universities of the world.

Behind our innovations are some of the most talented researchers and educators. Every day they don their lab coats and step up to their podiums to fulfill UTD's mission, which is:

E to produce engaged graduates prepared for life, work and leadership

E to advance excellent educational and research programs in natural and human sciences, management, technology and the liberal and practical arts

E to transform ideas into actions that directly benefit the personal, economic, social and cultural lives of the citizens of Texas



UTD is creating the future one innovation at a time, and our vision is guided by a strategic plan that includes a series of six key initiatives:

DISCOVERING TOMORROW'S INVENTIONS TODAY

E We are already doing this through the Research Enterprise Initiative, a collaboration with UTD, the State of Texas, Texas Instruments, and The University of Texas System. This initiative includes the establishment of a multimillion-dollar facility that is a vortex for interdisciplinary research in emerging areas of science and technology.

E UTD will also invest heavily in biology and biomedical science research, and will establish the collaborative relationships necessary to be at the forefront of the “bio world.”

E Nanotechnology is another growing research priority, and UTD will hire more faculty and invest in new infrastructure for nanotech programs.

PREPARING STUDENTS FOR TOMORROW'S CHALLENGES

E In order to produce leaders, not just scholars, UTD provides an environment where concerned and ambitious students and faculty thrive.

E UTD recognizes that learning takes place inside and outside the classroom, so we are developing “living learning” communities that integrate residential life with the academic experience.



E Our recruitment programs target only the very best academic and research talent, and we invest in keeping them here to sustain our level of excellence.

E We recognize and celebrate the fact that diversity enriches the UTD community.

MANAGING CHANGE IN A CONSTANTLY CHANGING SOCIETY

E This is a growing, dynamic institution and we intend to continue managing that change intelligently and effectively.

E UTD boasts innovative centers and institutes that focus on specific fields of study, education and research, and our Consortium for Innovation incubator will guide the creation of new centers in the future.

SECURING THE SAFETY OF THE FUTURE

E UTD uses its strengths in such fields as geospatial information science and information security to take an active role in global and national security.





E Our researchers and scholars grapple with major issues relating to energy and the environment, including global climate change, population growth, energy shortages, and innovative alternatives to help humanity.

IMPROVING THE HEALTH AND QUALITY OF LIFE OF INDIVIDUALS AND SOCIETY

E We are constantly expanding collaborations with regional research and medical partners throughout the Metroplex in order to bring our region to the forefront of the biomedical field.

E UTD's research and interdisciplinary collaborations will lead to major breakthroughs in public and personal health that will benefit our extended community.

MAKING A GREAT CITY EVEN GREATER

E UTD adds to the region's intellectual capital and supports all levels of education from kindergarten through college.

E We also enrich the local arts scene and cultural environment by merging the arts and humanities to produce everything

from plays to music to multimedia art.

E UTD provides opportunities and leadership for area businesses and advances the local economy. We have already helped to cultivate millions of dollars in economic activity, and our contributions will only continue to grow as we expand our nationally recognized business and management programs.

E The campus will undergo improvements that give it the feel of a "university village" with mixed-use developments, bike paths, parks, and more. These enhancements will make it an even more beautiful and energetic gathering space for students, and a cultural magnet that draws people from all over the Metroplex.

In the coming years, UTD has plans to double the size of the faculty to 800, raise full-time enrollment by 5,000 students, more than double research funding to at least \$100 million, and increase the number of Ph.D.s to 300 per year. The Dallas-Fort Worth area makes all of this possible with its perfect combination of resources, partnership opportunities and supportive, visionary leaders and citizens. Everyone who invests in UTD's vision and mission is playing a part in creating this future and making our region richer and stronger economically and culturally.



A T T R I B U T E S O F

Excellence can be defined in many ways. At UTD, we are defined by unwavering excellence in four key areas:

- our students are bright. There's no simpler way to put it. The average SAT score for incoming freshmen is the highest of any public university in the state. Forty percent of those students are in the top 10 percent of their high school class, and 74 percent are in the top quarter.
- our faculty is distinguished. We are privileged to have two Nobel laureates and several members of the National Academies on our faculty—only three other universities in Texas can make that claim.
- our programs are innovative. As a young and dynamic institution, we are always creating exciting, interdisciplinary programs that integrate traditional studies with the latest fields in science and technology. Our graduate programs are also nationally recognized and the School of Management EMBA program ranks #1 in the Metroplex.
- we couldn't be in a better place. Dallas is ranked as the nation's second-strongest metropolitan area for high-tech industry and sixth in economic output. Our campus is located right in the heart of the city's globally connected Telecom Corridor with nearly 900 companies located within a five-mile radius.





The University of Texas at Dallas
PO Box 830688, AD22
Richardson, Texas 75083 - 0688
www.utdallas.edu