



THE UNIVERSITY OF TEXAS AT DALLAS  
ANNUAL REPORT 2013





An ambitious Campus Enhancement Project is profoundly transforming the look and feel of UT Dallas. The first phase—completed in 2011—added more than 5,000 trees, four reflecting pools, a trellis-covered plaza and a new entrance on Campbell Road. The next phase, currently underway, brings improvements to high-traffic pedestrian areas around the Founders Building, Berkner Hall and the ECS North Building.

# FROM THE PRESIDENT



**Dr. David E. Daniel**

**WHILE THIS REPORT OFFERS MANY QUANTITATIVE MEASURES OF OUR SUCCESS OVER THE PAST YEAR,** these measureable outcomes are a product of many individual actions and commitments on the part of our students, faculty and staff. Achievement may be measured in numbers and on graphs, but in the end, it's all about people.

Students are selecting UT Dallas in record numbers. This fall, we soared right past the 20,000 mark to 21,193 students, including a record 2,233 new freshmen—a 44 percent increase in the size of our first-year class. I'm often asked how big UT Dallas wants to become, and the answer is 25,000 to 30,000 students. At that point, we will be large enough to compete with the very best public research universities in America. We are well on our way there. Our steady enrollment growth is all the more remarkable when considered in the context of recent U.S. Census figures showing that higher education institutions across the country lost half a million students in 2012.

We aim to deliver a very important personal benefit to our students, alumni and their families: a solid return on the college investment. Our students not only receive their degrees from a well-ranked research institution, they graduate with less debt than most students in the country. Recent data from *U.S. News & World Report* shows that most UTD graduates carry no debt. Those who do carry debt carry very low amounts of it relative to graduates of other U.S. universities. This metric provides yet another indicator of what's right at UT Dallas.

While the student body grew dramatically, markers of student achievement held steady or improved. This year's freshman class includes 88 National Merit Scholars, the largest number in one class ever. Our freshman class average SAT score remains one of the highest among Texas public universities. These aspects of our character are important. It's not just scale we're working to achieve. We're continuing to build quality.

I couldn't be more proud of our institution and our people. We're ahead of target in just about every measure of our plan, from growth to quality. It's a pleasure to have such accomplishments to showcase, but the value of our work here goes far beyond our pride in institutional achievement. What our faculty and students accomplish individually is the most important ingredient to our success and to our value to our community. The world is more competitive than ever. Our city and state need the output of great research universities like UT Dallas to remain prosperous. At UT Dallas, we produce—one student at a time—the brilliant and empowered human capital that will create the kind of future we'll all want to share.

✂ These pages offer a view of the achievements of Fiscal Year 2013. To view the Annual Report online, go to [utdallas.edu/annualreport/2013](http://utdallas.edu/annualreport/2013).



# ENROLLMENT



## Smart Growth and Academic Excellence

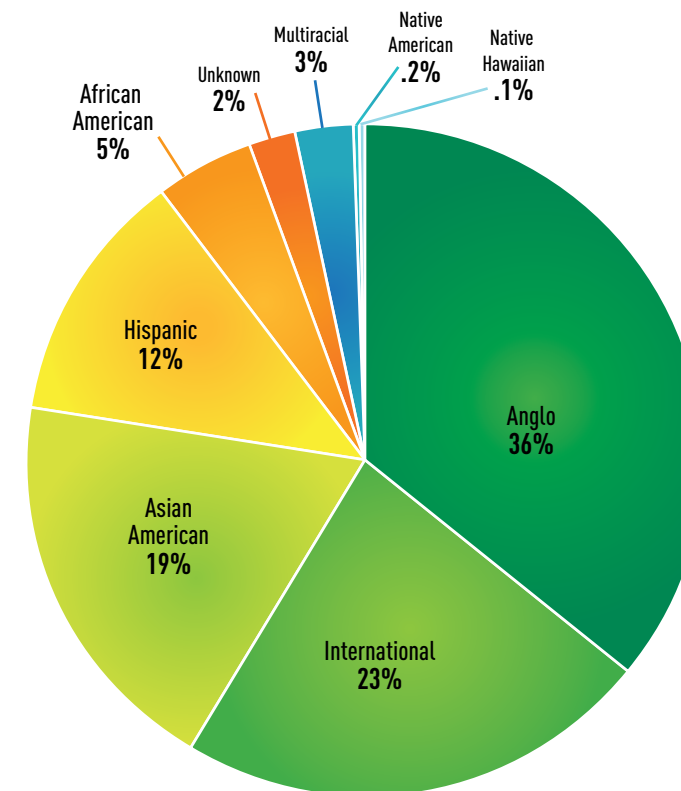
Student enrollment has grown more than 7 percent since fall 2012, thanks to the **largest freshman class** in the University's history.

The enrollment tally of 21,193 shows a record 2,233 new freshmen—a 44 percent increase since last year. Students new to campus also include 1,704 transfers and 2,400 graduate students.

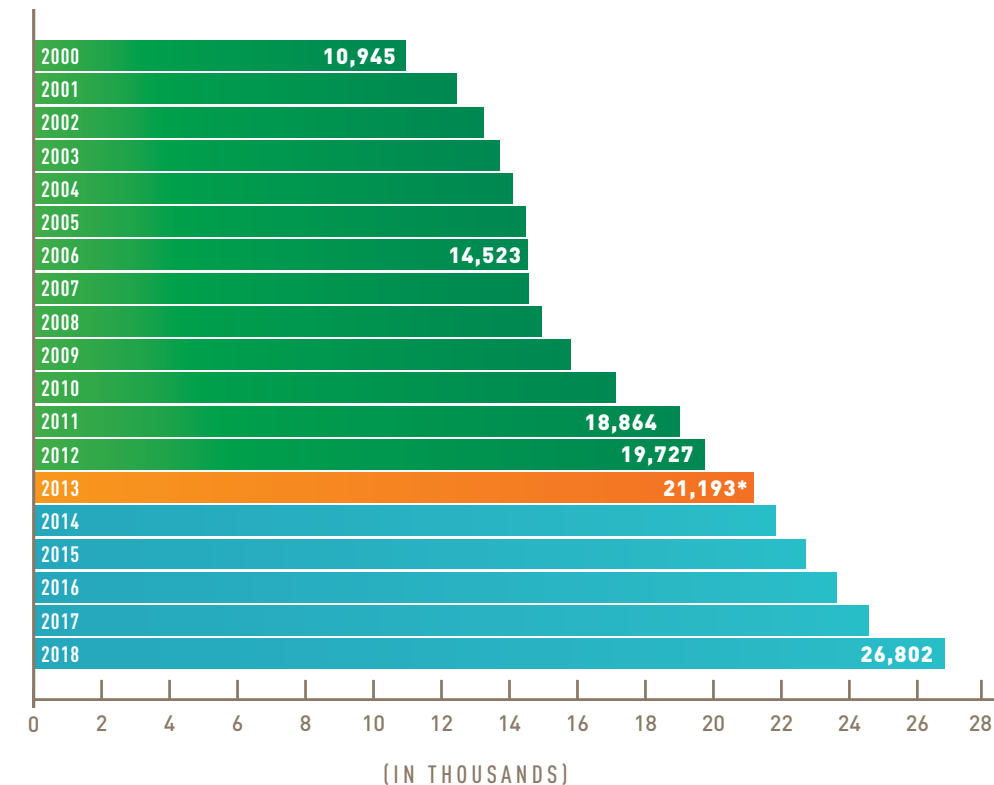
The freshman class, which has posted an average SAT score of 1261—among the highest for Texas public universities—also brings **the largest number of National Merit Scholars** (88) in the University's history, topping the 63 who arrived on campus in 2012. The scholars join 115 continuing National Merit winners, for a total of 203 on campus.

The student population has grown 46 percent since 2005. The retention rate for freshmen who returned from fall 2012 is 89 percent.

About 63 percent of the freshmen are majoring in science, technology, engineering and mathematics (STEM) disciplines. Biology, accounting and computer science lead as the top majors among freshmen. Nearly 80 percent of master's students are concentrated in two schools: the **Erik Jonsson School of Engineering and Computer Science** and the **Naveen Jindal School of Management**.



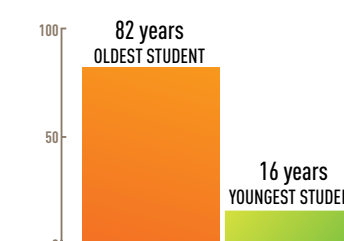
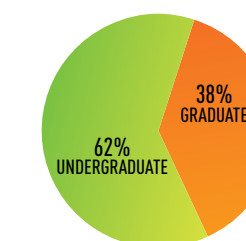
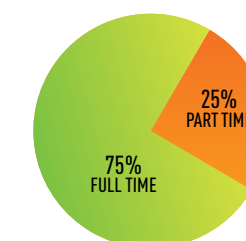
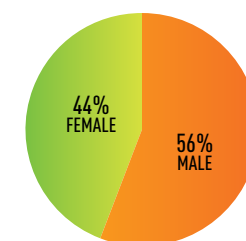
## STUDENT ENROLLMENT GROWTH 2000-2013 and Projected to 2018



## FALL 2013 STUDENT PROFILE

Enrollment: 21,193\*

Full-time equivalent enrollment: 17,129



\* Excludes study abroad students, out-of-state distance education students and students who are auditing classes.



# STUDENT SUCCESS

## Student Researcher Honored with Goldwater Scholarship

Sophomore **Matthew Krenik** was recognized by the prestigious **Barry M. Goldwater Scholarship and Excellence in Education Program**. The electrical engineering major was one of 272 students selected to receive the scholarship nationwide. Krenik, the eighth UT Dallas student since 2005 to win a Goldwater Scholarship, is also a McDermott Scholar. The program also gave an honorable mention to **Michael Lau**, a sophomore in the bioengineering program.

## Tennis Teams Win First Conference Championship

The varsity tennis program made history by winning both the **2013 American Southwest Conference Men's and Women's tennis championships**. It was the first conference championship in school history for either team. Both teams advanced to the NCAA Division III national team championship tournament.

## Jindal Team Earns Top Prize in National Competition

A plan to revive an ailing drugstore chain has won a **Naveen Jindal School of Management** student team the top prize in the **Turnaround Management Association's 2013 Carl Marks Student Paper Competition**. The five students, who graduated from the Full-Time MBA program, won in the case analysis category.

## Undergrads Take Research Results to Austin

Four students—**Delaney Welch**, a speech-language pathology and audiology major, **Katherine Borner**, a chemistry major, **Syed Mohammed Rasheed**, a pre-med student majoring in psychology and child development, and **Eric Graham**, a biology major who conducted his research at UT Southwestern Medical Center as part of the Green Fellowship program—showcased their work to legislators and the public in Austin for **Texas Undergraduate Research Day** at the Capitol. The event raised awareness of outstanding research conducted by undergraduates at the state's institutions, as well as the impact of that research on Texans. The event is coordinated by the **Council of Public University Presidents and Chancellors**, the **Independent Colleges and Universities of Texas** and the **Texas Association of Community Colleges**.

## Grad Student Appointed to Professional Group's Board

**Lindsey Lee**, a first-year graduate student at the **Callier Center for Communication Disorders**, has been appointed to serve as the student representative on the **Texas Speech-Language-Hearing Association Executive Board**. The two-year appointment marks the first time a UT Dallas student has been selected to serve on the board since the position's inception in 2005.



Radio UTD DJ Brian Cash, like all radio DJs, has the freedom to play just about anything he wants on the student-run University station. The station recently celebrated its 10-year anniversary and earned two national awards—Best Student-Run, Internet-Only Station and Biggest Improvement—at the CMJ Music Marathon convention in New York City.





In February 2013, the women's basketball team won its first-ever American Southwest Conference title and advanced to the NCAA Division III tournament.

## STUDENT SUCCESS

### UT Dallas Junior Named to All-America Team

**Kyle Schleigh** is the third Comet men's basketball player to claim All-America honors after being named 2013 **NCAA Division III Third Team All-America** by the National Association of Basketball Coaches. Schleigh also is the eighth UTD student-athlete to collect All-America honors. Schleigh, who plays forward, posted one of the best seasons in program history as a junior, averaging 21.4 points and 9.9 rebounds per game. He was named both the **American Southwest Conference East Division Player of the Year** and **Defensive Player of the Year** and was chosen for the prestigious All-ASC squad for the second straight season.

### Student Media Take Home National Honors

The student newspaper, *The Mercury*, won First Place Best of Show for four-year, non-weekly broadsheet at the **2013 Associated Collegiate Press and College Media Association National College Media Convention**. **Cathryn Ploehn**, a former graphics editor, won fifth place in the editorial cartoon category and an honorable mention for a newspaper spread design. Former UT Dallas student **Matthew Adamez** placed third in the comic panel category and fifth in advertising. The **National College Media Convention** is the largest gathering of college journalists and advisers in the world.

### Archer Fellows Work, Study in Washington, D.C.

Nine undergraduates spent a semester in Washington, D.C., as part of the **Bill Archer Fellow Program** offered by the Archer Center. The six juniors and three seniors were among 36 undergraduate participants selected from throughout the UT System. The undergraduate fellows participate in various internships across the city—in Congress, the Supreme Court and the White House, as well as various think tanks and media organizations—and take three courses for academic credit.

### Student Catches Jupiter Fireball on Video

**George Hall**, a retired engineer who takes astronomy and geosciences classes at the University, may be the only person in the world to have captured video of an apparent object hitting the planet Jupiter in September 2012. The impact created a bright fireball on the planet that lasted only a few seconds, but catching the event resulted in several hours of fame for Hall. The **Department of Physics** hosts a Web page where Hall provides technical information about his video capture for scientists and astronomy enthusiasts, including the equipment and techniques he used.



Shown are nine of the 44 new Terry Scholars that comprise the program's largest incoming class. The stipend total for all of the University's Terry Scholars topped the \$1 million mark for the first time. The Terry Foundation is a Houston-based scholarship program founded in 1986 to provide scholarships to outstanding Texas high school graduates who attend public colleges and universities within the state. Terry Scholars are selected in part for their leadership potential, character and scholastic achievement.



## STUDENT SUCCESS

### Graduates Head Abroad with Fulbright Program Grants

Two University graduates received 2013-14 English Teaching Assistantship grants from the **Fulbright U.S. Student Program**. **Andrew Previc**, who majored in political science, received a grant to spend an academic year teaching English in Taiwan. **Maija Wallace**, who graduated with a degree in international political economy, will teach English in Spain. Sponsored by the **U.S. State Department**, the Fulbright Program offers fellowships to graduate students and graduating seniors to study in more than 140 countries. Previc and Wallace are members of the 2009 Eugene McDermott Scholars.

### Engineering Team Explores Future Energy Technologies

A team led by undergraduate students from the **Erik Jonsson School of Engineering and Computer Science** was the sole representative of the United States in the **International Future Energy Challenge** competition, sponsored by the **Institute of Electrical and Electronics Engineers**. The team included four UT Dallas students who conduct research in **Dr. Babak Fahimi's** Renewable Energy and Vehicular Technology lab. Two students from **Texas Christian University** also were members of the team.

### Students Take Statewide Honors for Creative Writing

Students in the **School of Arts and Humanities** composed winning pieces in the **Texas Association of Creative Writing Teachers Student Competition**. **Caitlin Beauchamp MA'13** took first place in the Graduate Student Fiction category and **Azure Arther**, also a grad student, placed second in the category. Senior **Eve Maher** won first place in the Undergraduate Student Fiction category. This is the second year in a row that a UT Dallas student has won the graduate writing award.

### Honor Society Numbers More Than 500

The University's chapter of **Phi Kappa Phi**—the nation's oldest, largest and most selective collegiate honor society for all disciplines—has inducted more than 530 members, including more than 400 students, 45 faculty and staff, 69 alumni and two honorary lifetime members, since 2011. Phi Kappa Phi membership benefits include eligibility to apply for more than \$1 million in scholarships from the national organization, mentoring and career assistance. In addition, the local chapter offers grants to support academics and professionalization that are available to all members.



# FACULTY



President David E. Daniel applauds the arrival of the newest faculty to UTD. Growth in the number of tenured and tenure-track faculty is a key indicator of becoming a nationally competitive research university.

## Steady Gains Made in Tenured and Tenure-Track Faculty

The University's growth in student enrollment was matched by a 4.7 percent increase in the number of **tenured and tenure-track faculty**, from 490 in fall 2012 to 513 in fall 2013. The University aims to increase the number of tenured faculty by about 25 members each year.

The gains in both student population and quality faculty members result in academic programs that have broader reach and broader appeal to top students, which in turn aids in the recruitment of more high-performing researchers and educators. The steady growth is part of a strategic path toward UT Dallas' recognition as a nationally competitive research university.

The increase of faculty from 300 in 2003 to more than 500 today supports a broader range of research and attracts more research dollars. Much of the University's faculty growth is in high-demand majors in **engineering, science, mathematics and business**. Attracting outstanding faculty to these fields is part of the University's commitment to producing outstanding graduates. And increasing the ranks of high-performing faculty is an integral component of UT Dallas' commitment to academic excellence.

## University Teaching Awards

In 2013, UT Dallas, the University of Texas System and the Board of Regents recognized University faculty members as among the best educators in the state.

### The Provost Award for Faculty Excellence in Undergraduate Research Mentoring

The award recognizes a faculty mentor who demonstrates superior leadership, support and guidance toward the development of UT Dallas undergraduate students and their research endeavors.



Dr. Sven Kroener, assistant professor, School of Behavioral and Brain Sciences

### President's Outstanding Teaching Award

Based in part on student nominations, the award recognizes individuals whose teaching efforts contribute significantly to student learning and the mission of the University.



Dr. Brady McCary, senior lecturer, School of Natural Sciences and Mathematics



Dr. Rebecca Files, assistant professor, Naveen Jindal School of Management

### The University of Texas System Academy of Distinguished Teachers

The academy recognizes outstanding educators at UT's nine academic institutions. Members of the academy serve as a system-level advocacy group dedicated to enhancing teaching, fostering innovation in the classroom and promoting interdisciplinary perspectives on education.



Dr. John Sibert, associate professor, Department of Chemistry

### Regents' Awards

Five University faculty members were among 63 educators from throughout the University of Texas System recognized by the Board of Regents with its highest teaching honor.



Dr. Mohammad Mainul Akbar, assistant professor of mathematical sciences, School of Natural Sciences and Mathematics



Dr. Matthew Goeckner, professor and head of mathematical sciences, School of Natural Sciences and Mathematics



Dr. Karen Huxtable-Jester, senior lecturer, School of Behavioral and Brain Sciences

Dr. Jessica C. Murphy, assistant professor of literary studies, School of Arts and Humanities



Dr. Daniel G. Arce, professor of economics, School of Economic, Political and Policy Sciences





# RESEARCH

## Research

UT Dallas continued to expand its research enterprise, with research expenditures totaling \$98.9 million in 2013. With support from external agencies such as **NASA**, the **National Institutes of Health (NIH)** and the **National Science Foundation**, the University is increasingly competitive in attracting research-related funding.

For example, **Dr. Robert Gregg**, who began his tenure at UT Dallas in fall 2013 as an assistant professor in mechanical engineering and bioengineering, is the recipient of the **NIH Director's New Innovator Award**. He will use the \$2.3 million to support research combining robot control theory and physical rehabilitation to improve prosthetic limbs and orthotic devices.

Also this year **Dr. Rod Heelis**, director of the **William B. Hanson Center for Space Sciences**, and his colleagues were chosen to design and build an experiment that will fly onboard a new NASA satellite mission called the **Ionospheric Connection Explorer (ICON)**. The ICON satellite, slated for launch in 2017, will study a region of the upper atmosphere called the ionosphere, where conditions can impact communications and navigation on Earth.

In addition to attracting new research funding, UT Dallas researchers continuously release results of studies funded in past years.

Findings published this year by researchers in the **School of Behavioral and Brain Sciences**, and affiliated with the **Texas Biomedical Device Center**, show progress toward developing a new treatment to aid the recovery of limb function after strokes.

According to another new study, learning mentally challenging skills, such as digital photography, helps improve memory in older people. The findings came from the Synapse Project, led by the **Center for Vital Longevity's Dr. Denise Park** and supported by the **National Institute on Aging**.

"In the end, training and educating students is the primary output of the University, and they are the motivation for doing great research and recruiting great faculty," said Dr. Bruce Gnade, vice president for research.

## Technology Transfer

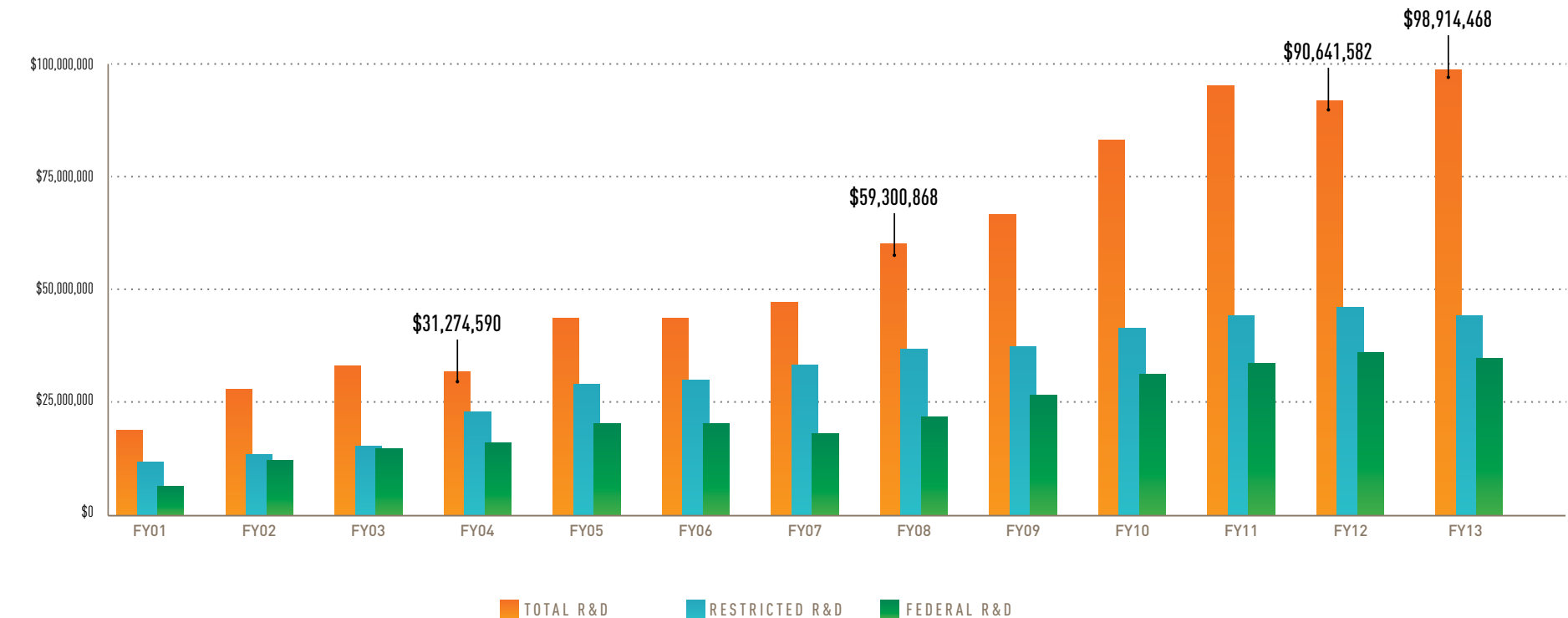
The University's growing technology transfer enterprise had a record year in license revenue and saw an increase in the number of invention disclosures and patent applications. The **Office of Technology Commercialization** helps move commercially viable research results from the lab to the marketplace.

In Fiscal Year 2013 the University had:

- \$1,950,927 in license revenue.
- 72 invention disclosures.
- 74 patent applications.
- 10 patents issued.
- 2 licenses and option agreements.



**TOTAL, RESTRICTED AND FEDERAL R&D SPENDING**  
Fiscal Years 2001-2013





# CAMPUS GROWTH



The Edith O'Donnell Arts and Technology Building is a \$60 million, 155,000-square-foot facility that houses spaces to teach programs in visual arts, emerging media technology and multimedia communications, as well as a 1,200-seat lecture hall.

## Edith O'Donnell Arts and Technology Building Transforms Campus

The **Edith O'Donnell Arts and Technology Building** has transformed the architectural dynamic of campus. The 155,000-square-foot facility houses programs in visual arts, emerging media technology and multimedia communications, as well as a 1,200-seat lecture hall.

The \$60 million building was designed as both a showcase for the visual arts and a highly adaptable technology hub for the University's **Arts and Technology program**. Located in the heart of campus, the building was designed by **STUDIOS Architecture**—the same firm that designed Google headquarters in Mountain View, Calif.

The building bears the name of one of Texas' most generous philanthropists in honor of her long-standing dedication to higher education, scientific research and the arts. Known for their civic and business leadership, Edith O'Donnell and her husband, Peter, through the **O'Donnell Foundation** they established, have given exceptionally generous support to UT Dallas since 1984. During the last 30 years, the couple's foundation has contributed more than \$600 million to support scientific research and education in America.

## New Residence Hall Opens, Another Under Construction

The opening of a new residence hall adds another 400 beds for students. It is the fourth housing structure built on campus in five years. Construction also began this year for a fifth housing structure, the 600-bed **Student Housing Living Learning Center**. At 339,000 square feet, the structure is the University's largest residence hall to date and will include a second dining hall.

## School of Management Adds On

Ground was broken for a \$25 million addition to the **Naveen Jindal School of Management**, which will include classrooms, seminar rooms, classroom laboratories, student support space and offices. The 108,000-square-foot project will also provide space for a trading lab, economics lab, career center, media center, interview rooms and an expanded Executive Education center.





## EDITH O'DONNELL ARTS AND TECHNOLOGY BUILDING



The Edith O'Donnell Arts and Technology Building was designed by STUDIOS Architecture, which also designed the Googleplex in Mountain View, Calif. VAI Architects of Dallas was the architect of record.



Classroom space is designated for game design, sound design, visual arts, a motion capture lab, conference rooms, 2-D drawing and painting art studios, 3-D art studios, soundproof chambers, a recording studio, and photography labs. The wooden sculpture "X"—one of two pieces by Liz Larner commissioned by the Nasher Sculpture Center for its 10th anniversary—was displayed on the first floor of the Edith O'Donnell ATEC Building. The second work, a mirrored stainless steel version, was placed in the building's courtyard.





Dallas Cowboys legend Emmitt Smith was the featured speaker at the Kids' University graduation ceremony during the summer.

# COMMUNITY OUTREACH

## Scholarships Allow Academic Bridge Freshmen to Live on Campus

For the first time in its 13 years, the **Academic Bridge Program** was able to provide its entire freshman cohort the opportunity to live on campus during the academic year. The additional financial support provided by the University assists students with campus leadership scholarships. Funding for Academic Bridge is provided by UT Dallas, the Texas Legislature and private donations from individuals and organizations such as **Hillcrest Foundation**, **Goodman Networks** and **TG**. Dr. George Fair, dean of the **School of Interdisciplinary Studies**, founded the program. Academic Bridge is geared toward students who have a high class ranking but may not have received a university-track curriculum. Many are first-generation college students. The program aims to ease the transition from high school to college through advising, mentoring and tutoring.

## Comets Volunteer, Tackle Community Projects

More than 300 students, faculty and staff volunteered with 24 nonprofit agencies during **Viva Volunteer**, the largest single service day of the year at the University. The **Office of Student Volunteerism** estimates that students spent more than 1,900 hours volunteering this year, saving the agencies more than \$43,700 in labor expenses.

## Kids' University Guest Stresses Importance of Education

Former Dallas Cowboys running back and football Hall of Famer **Emmitt Smith** was one of the guest speakers at the 18th annual **Kids' University Summer Day Camp**. Children from 24 homeless shelters across Dallas and Collin counties attended the four-day camp. Kids' University was the result of a partnership between the University and **Rainbow Days Inc.**, a nonprofit organization charged with preparing children from challenging backgrounds for a hopeful future. The camp brought together volunteers, professionals and organizations to teach more than 300 children about topics such as health and nutrition, financial planning, algebra and computers.

## Group Contributes Expertise at Regional Science Fair

A group of UT Dallas students and faculty members shared their love of science with the next generation of investigators during the annual **Dallas Regional Science Fair**. The team of volunteer judges, led by Dr. Jackie Clark and Dr. Peter Assmann from the **School of Behavioral and Brain Sciences**, spent a day at the Fair Park event, offering their opinions and encouragement. They were joined by seven BBS students, who also helped judge entries and offered ideas for moving the young people's research forward.



# COMMUNITY OUTREACH

## University Hosts Advanced Placement Summer Institute

More than 450 secondary education teachers spent a week in campus labs and classrooms, learning from fellow educators in the annual **Advanced Placement Summer Institute**. The program, a community outreach initiative of the provost, is supported and hosted by the **Teacher Development Center** in the **School of Interdisciplinary Studies**. The University has hosted the Advanced Placement Summer Institute for more than a decade. The University offered 21 different courses, including biology, calculus, English, studio art and Spanish. More than 90 percent of the participants came from Texas.

## University Raises Money for Special Olympics Texas

The University helped raise more than \$173,000 for the **Dallas Chapter of Special Olympics Texas** during the **2013 Corporate Challenge**. After 10 weeks and more than 20 events, UT Dallas finished sixth overall in its division, earning eight gold medals, three silver medals and three bronze medals in competitions ranging from tennis to darts. By selling raffle tickets and hosting fundraisers, UT Dallas raised and contributed almost \$1,500 to the effort.

## Callier Student Helps Special Olympians

**Jodi Seligman**, a doctor of audiology student in the **School of Behavioral and Brain Sciences**, volunteered at the **Special Olympics World Winter Games** in South Korea. Seligman, who attends classes at the **Callier Center for Communication Disorders**, helped screen more than 800 athletes for hearing-related problems. The **American Academy of Audiology Foundation** and the **Student Academy of Audiology** sponsored the trip.

## Research Program Encourages Girls to Pursue STEM Careers

Twelve students from **Irma Rangel Young Women's Leadership School** and **Hillcrest High School Academy of Engineering** were selected to participate in an inaugural research program aimed at interesting high school girls from the Dallas Independent School District in STEM fields. The **Young Women In Science and Engineering Investigators** program—sponsored by the **Office of Diversity and Community Engagement**—pairs students with a faculty member and a female college student mentor. The students work on a yearlong research project. The mentors met with their high school students throughout the year, providing them with the opportunity to work in labs. The students presented their research to a panel of judges at the end of the school year.



BBS doctoral student Jodi Seligman (center) helped screen more than 800 athletes during the Special Olympics World Winter Games in South Korea.



# DEVELOPMENT



Private donations provide student scholarships, faculty support and campus enhancements that provide a "sense of place" for the University.

## Realize the Vision: The Campaign for Tier One & Beyond

In the last four years, the University has seen a complete transformation in philanthropic support. Faculty, staff, alumni, corporations and friends are providing critical resources—more than \$64 million in fiscal year 2013—at record levels.

This year's fundraising total surpassed previous records of \$55.2 million in 2011 and \$40.6 million in 2010. All of these gifts count toward *Realize the Vision: The Campaign for Tier One & Beyond*, the first comprehensive fundraising campaign in the University's history. The \$200 million campaign quietly started in 2009 and was followed by the public announcement in 2012. The five-year effort ends on Dec. 31, 2014.

This increase in support points to several new trends in giving.

Opportunity Fund endowments have become a popular way to give. Donors reached a milestone in 2013, establishing the 60th of these

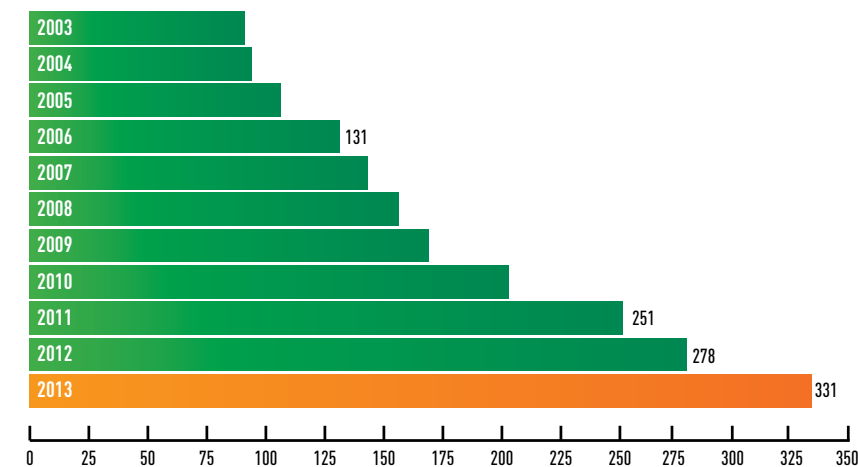
unrestricted endowments, which have been established to benefit all seven schools and many research centers and student programs.

Alumni donors have nearly doubled since 2009. Last year, more than 1,800 alumni gave to the University. By backing various centers and units, alumni are filling needs while also helping raise the University's standing in national rankings that measure the percentage of alumni who donate.

During the four years of the campaign, more than 22,000 gifts have been made by all donors. In contrast, the four years prior to the campaign's beginning yielded 13,000 gifts. The University is experiencing these unprecedented giving levels—and widening its base of support—as more people recognize UT Dallas' economic and research contributions to the state and region.

## GROWTH IN NUMBER OF ENDOWMENT FUNDS

Fiscal Years 2003-2013

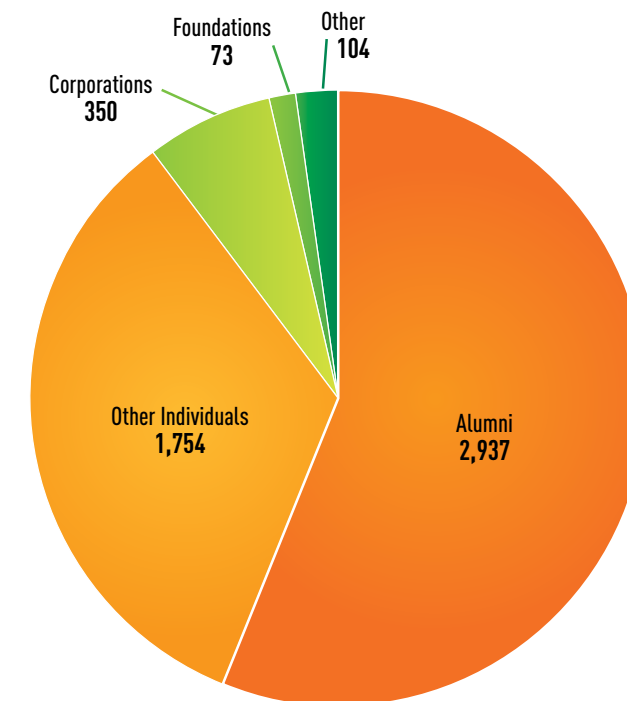


Fiscal Years 2003-2013					
	Cash	Pledges, Planned Gifts & In-kind	TRIP*	UTRIP*	Total
FY 2013	\$29,287,288	\$ 9,159,684	\$21,254,984	\$ 5,262,530	\$64,964,486
FY 2012	\$19,593,162	\$ 8,840,641	\$ 1,715,388	\$ 5,447,740	\$35,596,931
FY 2011	\$21,753,795	\$23,188,438	\$ 6,954,751	\$ 3,262,000	\$55,158,984
FY 2010	\$28,493,447	\$ 4,504,657	\$ 7,727,502		\$40,725,606
FY 2009	\$ 9,720,814	\$ 4,292,907			\$14,013,722
FY 2008	\$17,871,195	\$ 3,565,520			\$21,436,714
FY 2007	\$17,084,377	\$18,187,993			\$35,272,370
FY 2006	\$16,416,763	\$ 5,225,388			\$21,642,150
FY 2005	\$14,479,506	\$ 2,907,250			\$17,386,756
FY 2004	\$ 1,188,619	\$13,103,864			\$14,292,483
FY 2003	\$ 5,493,784	\$ 3,177,493			\$ 8,671,276

\* The University's fundraising push to become a Tier One research university has netted matching funds through the Texas Research Incentive Program (TRIP) and The UT System Board of Regents' Research Incentive Program (UTRIP).

## FISCAL YEAR 2013 GIVING HIGHLIGHTS

Sources of Gifts



Total UT Dallas Endowment  
(Market Value)

**\$317.7 million\***

\*Source: The University of Texas Investment Management Company (UTIMCO) as of 8-31-13





From left, back row:  
William C. "Bill" Sproull,  
Bryant Ambelang, Dr. Seshu  
Madhavapeddy, Dr. Alan  
Govenar and Dr. Susan Miller.  
Front row: Jefflyn Williamson,  
President David E. Daniel,  
Neila Skinner Petrick,  
Dr. Joseph P. Estrera and  
David Williamson.

## UT Dallas Alumni, Advocates Lauded for Service at 11th Annual Awards Gala

### 2013 AWARDS GALA HONOREES

#### DISTINGUISHED ALUMNI

##### Bryant Ambelang BA'90

President and CEO, NatureSweet Tomatoes,  
San Antonio

##### Joseph P. Estrera MS'92, PhD'92

Vice president and chief technology officer,  
Aviation Specialties Unlimited, Boise, Idaho

##### Alan Govenar PhD'84

President, Documentary Arts Inc., Dallas

##### Seshu Madhavapeddy MS'87, PhD'91

Senior vice president and chief technology  
officer, Samsung Mobile USA, Richardson

##### Susan Miller PhD'94

Founder and CEO, Voicetrainer LLC,  
Washington, D.C.

##### Neila Skinner Petrick MA'76

Author, filmmaker and playwright, Dallas

##### Jefflyn Williamson BS'83

Owner, Jefflyn & Company Commercial  
Real Estate, Dallas

#### GREEN AND ORANGE AWARD FOR ALUMNI SERVICE

##### David Williamson BS'98, MS'02, MS'03

Vice president, geosciences, Forge Energy LLC, San Antonio

#### GIFFORD K. JOHNSON COMMUNITY LEADERSHIP AWARD

##### William C. "Bill" Sproull

President and CEO, the Metroplex Technology Business Council, Richardson Chamber of  
Commerce and the Richardson Economic Development Partnership, Richardson

# FAST FACTS

Founded

# 1969

Colors



Academic Programs

# 49

bachelor's degree  
programs

# 54

master's degree  
programs

# 29

doctoral programs

# 1

professional doctoral  
program

Seven Schools

School of Arts and Humanities

School of Behavioral and Brain Sciences

School of Economic,  
Political and Policy Sciences

Erik Jonsson School  
of Engineering and Computer Science

School of Interdisciplinary Studies

Naveen Jindal School of Management

School of Natural Sciences and Mathematics

Top Undergraduate  
Majors

Biology

Accounting

Computer Science

Arts and Technology

Business  
Administration

Psychology

Neuroscience

Top Graduate  
Majors

Business Administration

Computer Science

Accounting

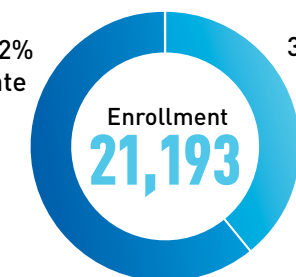
Information Technology  
and Management

Electrical Engineering

Finance

Supply Chain Management

62%  
undergraduate



38%  
graduate

Enrollment  
**21,193**

Faculty

# 513

tenured/  
tenure-track

National Merit Scholars

# 88

fall 2013

# 203

total  
enrolled



# 4,100

students live  
on campus,  
including

# 1,260

freshmen

# 400

Of the freshmen, **400** live  
in a new residence hall dedicated  
exclusively to the University's five  
Living Learning Communities:  
arts and technology, computer  
science, engineering, management  
and pre-health.

Student/faculty ratio



21 to 1

Student Life

# 226

student  
organizations



# NATIONAL RANKINGS

The Professional Grounds Management Society named UT Dallas as a Green Star Honor Award recipient, recognizing it as one of the nation's top universities with exceptional grounds maintenance.

UT Dallas was ranked 15th out of 100 schools named to the *Times Higher Education* magazine list of the world's most outstanding young universities.

The "100 Under 50" list selects the best universities that have been in existence for less than half a century, using 13 performance indicators that emphasize research, knowledge transfer, innovation, teaching, diversity and international collaborations.

UT Dallas students carry less debt than most students in the country, according to *U.S. News & World Report*. Class of 2012 data shows that 36 percent of UT Dallas undergraduate alumni owed an average of \$17,516, placing the University among the top 10 universities in the country with the fewest students carrying debt after graduation. The national average student debt is about \$26,000.

The *School of Behavioral and Brain Sciences'* audiology program is third in the nation and its speech-language pathology program is 11th, as ranked by the *U.S. News & World Report* national ranking of graduate schools. More than 1,200 graduate programs were evaluated through detailed statistical information and assessments by university administrators and faculty.

UT Dallas has one of the top 25 most ethnically diverse student populations in the country, as determined by *U.S. News & World Report's* survey of higher education institutions. In the same report, the University was ranked in the top 100 schools for highest percentage of international students and for economic diversity among students.

Graduating seniors surveyed by *Bloomberg Businessweek* helped put the *Naveen Jindal School of Management undergraduate program* among the nation's top 15 in five academic disciplines and among the top 25 in three other fields in the 2013 specialty area rankings: sustainability (green business), information systems, quantitative methods, entrepreneurship, operations management, macroeconomics, corporate strategy and business law.

The *Naveen Jindal School of Management* is among the nation's top business schools in the *U.S. News & World Report* "2014 Best Graduate Schools" report. It ranked 37th among schools offering full-time MBA programs, 15th for its MBA information systems specialty and 38th for its part-time graduate programs. In a new category, the school placed fourth nationally for online business graduate programs, based on assessments of faculty credentials, student engagement, peer opinions, distance learning services and technology.

*The Princeton Review*, in conjunction with *GamePro* magazine, cited UT Dallas as among the top 50 undergraduate and graduate programs for video game design. Game design is part of the University's innovative *arts and technology* offerings in the *School of Arts and Humanities*.

The *criminology program* in the *School of Economic, Political and Policy Sciences* has been ranked fifth best in the world in a new study assessing the academic impact of publications. The findings, published in the *Journal of Criminal Justice Education*, show the impact of social science scholarship among criminology and criminal justice programs. The study assessed 35 programs offering doctoral degrees—among them the University of Florida, which ranked seventh, and the University of Pennsylvania, which ranked second.

Two of the school's graduate programs are in the top 100, according to the *U.S. News & World Report's* 2014 rankings. The criminology program is No. 27 and political science is No. 76.

The *Erik Jonsson School of Engineering and Computer Science graduate programs* rank higher in the *U.S. News & World Report* 2014 list than all other engineering schools in Texas except UT Austin, Texas A&M and Rice. UT Dallas tied for 76th place with the University of Houston and Syracuse University.

In the same list, the school rose in all specialties in which it was ranked, tying with other schools at 53rd in computer engineering, 59th in materials engineering and 60th in electrical/electronic/communications engineering.

The *University* has been named again as one of the top 100 best values among the nation's public colleges, according to *Kiplinger's Personal Finance* magazine. The University climbed 21 spots in the annual public school rankings, going from 60th in 2012 to 39th in 2013.

The *Princeton Review's* "Best Value Colleges 2013" edition designated *UT Dallas* as one of the best values among the nation's public colleges. This is the first time that the University has been on the list, where it joins UT Austin, Texas A&M and the University of Houston. The publication selected 75 public and 75 private schools from a list of 650 institutions.

UT Dallas was recognized for the second consecutive year as one of the nation's greenest universities. The *Princeton Review's* "Guide to 322 Green Colleges: 2013" edition profiles environmentally friendly campuses that are committed to sustainability in academic offerings, campus infrastructure, activities and career preparation.

The online career site *Glassdoor* analyzed staff and faculty feedback to name the University one of the best to work for in the nation. At No. 11, *UT Dallas* was among six Texas universities in the top 25: Texas Tech (1), UT Austin (4), UT San Antonio (10), Rice University (15) and Texas A&M (24).



*“THIS COURSE  
truly helps  
prepare students  
for careers in their  
RESPECTIVE INDUSTRIES—  
THEY BECOME  
problem solvers,  
weighing their  
SOLUTIONS  
versus  
THE TOTAL BENEFIT  
of the team.”*

ERIC FARRAR, assistant professor  
in the School of Arts and Humanities  
who previously worked on Hollywood  
blockbusters



In a new two-semester course, undergraduate and graduate students in the Arts and Technology program worked as a multidisciplinary team to create *Fright-Lite*, a short film about a boy who overcomes his fear of monsters.



# DISCOVERIES & ACCOLADES

## New Dean of School of Economic, Political and Policy Sciences



**Denis Dean**, professor and head of the geography and geospatial information sciences programs, is the new dean of the **School of Economic, Political and Policy Sciences**. Dean is an expert in geospatial analysis, which is used in urban planning, population studies and computer mapping programs. Dean joined UT Dallas in 2008. He came to UT Dallas from Colorado State University.

## Study Suggests New Approach to Fighting Lung Cancer

University scientists have found that exploiting differences in metabolism between normal cells and cancer cells might provide a new strategy to combat lung cancer. **Dr. Li Zhang**, professor of molecular and cell biology, and biology graduate student **Jagmohan Hooda** showed that lung cancer cells use more oxygen than normal cells, providing a possible new avenue for fighting the deadly disease. The findings were published in the journal **PLOS ONE**. The **National Cancer Institute** and UT Dallas' **Cecil and Ida Green Center for Systems Biology Science** supported the research.

## System to Improve Voice Recognition Developed at University

Graduate students and researchers have developed novel systems that can identify speaking voices despite conditions that can make it harder to make out a voice, such as whispering, speaking through various emotions, or talking with a stuffy nose. The researchers are working in the **Center for Robust Speech Systems** under the direction of **Dr. John Hansen**, associate dean for research in the **Erik Jonsson School of Engineering and Computer Science**.

## Researchers Work on NASA Mission Launching in 2017

**Dr. Rod Heelis**, director of the **William B. Hanson Center for Space Sciences**, and his colleagues were chosen to design and build an experiment that will fly onboard a new NASA satellite mission called the **Ionospheric Connection Explorer**. The satellite, slated for launch in 2017, will orbit about 350 miles above Earth and will carry a suite of instruments built by various institutions, including UT Dallas. NASA is funding the ICON mission through the space agency's Explorer program. Scientists at the Space Sciences Laboratory at the **University of California, Berkeley**, will oversee the mission, while UT Dallas, the **U.S. Naval Research Laboratory** and the **University of Illinois at Urbana-Champaign** will provide experiments.



## Study Links Adolescent Bullying to Later Criminal Behavior

In the largest long-term study of bullying behavior, researchers have found that adults who say they bullied others when they were adolescents may have a higher likelihood of engaging in criminal behavior later in life. **Dr. Nadine Connell**, assistant professor of criminology, and **Dr. Alex Piquero**, Ashbel Smith Professor of Criminology, co-authored the study, which examined data gathered on a group of more than 400 men over the course of several decades. The study appeared in the *Journal of Youth and Adolescence*. **Dr. Nicole Leeper Piquero**, professor of criminology and associate dean for graduate programs in the **School of Economic, Political and Policy Sciences**, assisted with the study.

## Undergrads Design Sound for Perot Museum

A group of arts and technology undergraduates in the **School of Arts and Humanities** spent a year creating the soundscapes for the new **Perot Museum of Nature and Science**, giving the students hands-on experience in the field of sound design. The students worked closely with **Dr. Frank Dufour**, a professor of sound design who led the digital music production course, and **Roxanne Minnish MFA'11**, a sound design instructor, composer and project manager, as well as museum officials, to refine their designs. The digital music production class worked on sound designs for the 11 exhibit halls, which include the T. Boone Pickens Life Then and Now Hall, Being Human Hall, Discovering Life Hall, Rose Hall of Birds, Sports Hall and the Texas Instruments Engineering and Innovation Hall, among others.

## Researchers Use Virtual Reality to Enhance Telemedicine

Researchers in the **Erik Jonsson School of Engineering and Computer Science** are the principal investigators of a \$2.4 million project funded by the **National Science Foundation** to create a multimedia system that uses multiple 3-D cameras to create avatars of humans in two different places, and then puts them in the same virtual space where they can interact. The system has applications in telemedicine. Investigators at the **University of California, Berkeley**, and the **University of Illinois at Urbana-Champaign** are working on other aspects of the system, such as refining the overall user experience and coordinating the cameras used to capture movements and interactions. Rehabilitation specialists at the **Dallas VA Medical Center** will test the system on patients.

## President Daniel Elected to National Academy of Engineering Council

The membership of the **National Academy of Engineering (NAE)** elected **President David E. Daniel** to a three-year term on its governing council. The NAE is a private, nonprofit institution that provides national engineering leadership. As part of the National Academies, NAE elects members based on their engineering achievements and serves in an advisory role to the United States government. Daniel was one of three newly elected members to the NAE's 12-member governing council. The institution also elected a president and treasurer.



Undergraduate students in the School of Arts and Humanities created soundscapes for the 11 exhibit halls at the Perot Museum of Nature and Science.

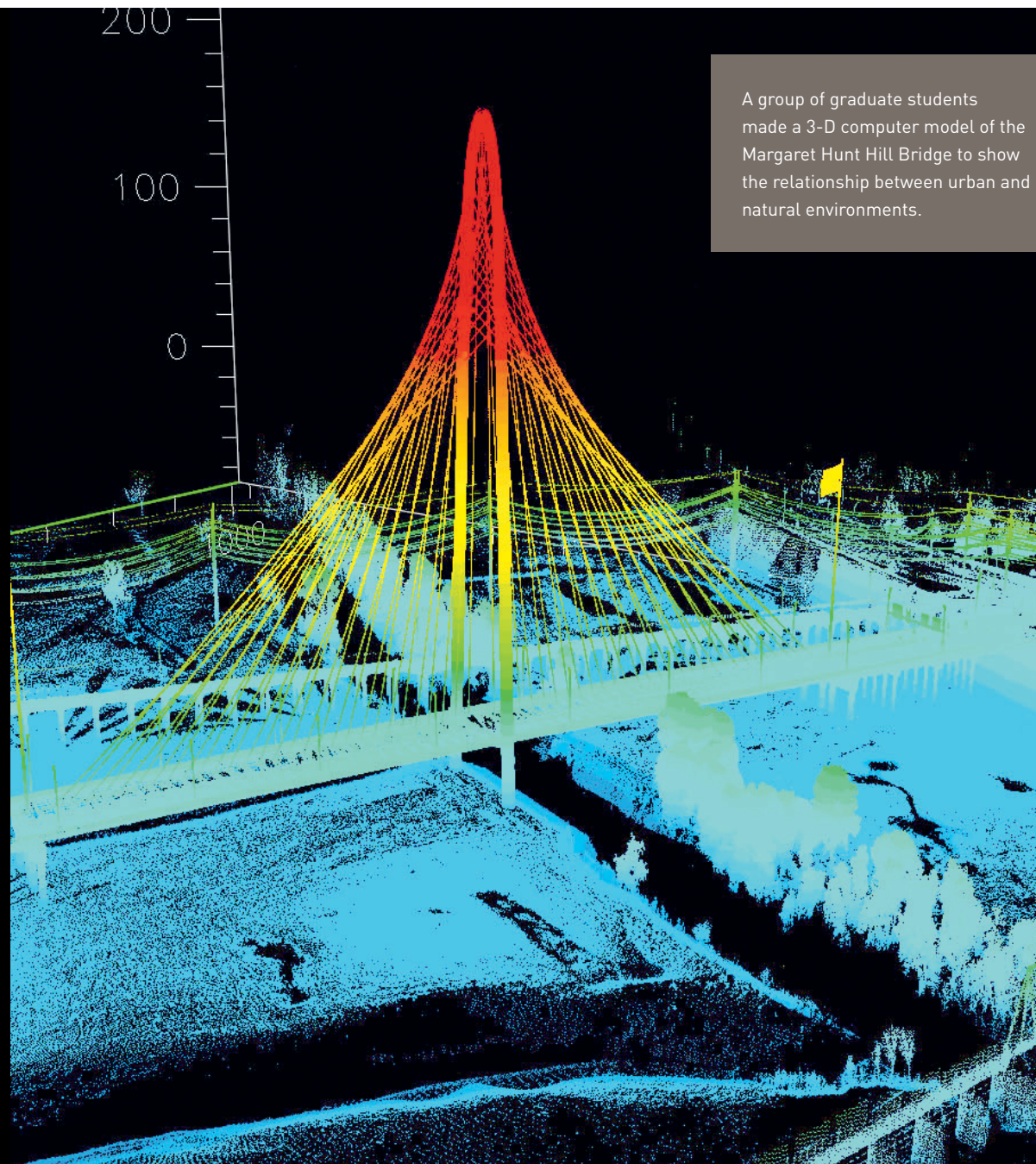
“THE STUDENTS’ WORK  
*demonstrates*  
**NOT ONLY THEIR**  
dedication to innovation,  
*but is a*  
**testament to visitors**  
*that the intersection of*  
**ART AND SCIENCE**  
IS ALL AROUND US.”

STEVE HINKLEY, vice president  
of programs at the  
Perot Museum of Nature and Science



*“THE OPPORTUNITY  
for us to work  
with students  
and faculty  
from UT Dallas  
has been  
TERRIFIC.”*

SEAN MERRELL, president of the  
Dallas Branch of the Texas Section of the  
American Society of Civil Engineers



A group of graduate students made a 3-D computer model of the Margaret Hunt Hill Bridge to show the relationship between urban and natural environments.

## DISCOVERIES AND ACCOLADES

### 3-D Project Bridges Research, Dallas Community Awareness

A group of graduate students in the **Department of Geosciences** made a 3-D computer model of the **Margaret Hunt Hill Bridge** as part of a project to raise awareness of the interactions between natural and urban environments. Students **Dimitrios Bolkas** and **Graham Mills** used terrestrial laser scanning equipment to take detailed measurements of the bridge and create the animated computer rendering. The computer model of the iconic bridge was displayed at **Earth Day Dallas** at Fair Park. The project was funded by a grant from the **Texas Section** of the **American Society of Civil Engineers**, which solicited project proposals to help mark its centennial.

### Doctoral Students Recognized for Astrophysics Research

**Austin Peel** and **Michael Troxel**, both PhD students in the **Department of Physics**, were among 21 graduate students from 16 Texas institutions who have received \$5,000 fellowships from the **NASA/Texas Space Grant Consortium Fellowship**. Peel and Troxel work on exact analytical models to study the rate at which matter structures have been clustering in the universe for the last 13.7 billion years. The **Texas Space Grant Consortium** is a group of 50 institutions, including universities, industry, nonprofits and government agencies, working to ensure that the benefits of space research and technologies are available to all Texans. There are 52 space grant consortia nationwide.

### Cloud Computing Project Wins First-of-Its-Kind Google Award

**Dr. Lawrence Chung**, associate professor of computer science, and a team of researchers and students from the **Erik Jonsson School of Engineering and Computer Science** were among seven worldwide recipients of the first-ever **Google App Engine Research Award** for innovative academic and scientific research expected to benefit society. The Google App Engine Research Award will allow Chung and his team to use the Google cloud computing infrastructure to verify that their benchmarking and simulation project results are viable in reality. The research started in 2010 with funding from the **National Science Foundation Industry & University Cooperative Research Program** to determine whether the promises of cloud computing can be met.

### Technology Business Community Honors University President

The **Metroplex Technology Business Council** honored UT Dallas President **David E. Daniel** for his contributions to the region's technology sector with the **2013 Tech Titans Technology Advocate** award. The council, the largest technology trade association in Texas, hosts the annual **Tech Titans** awards to celebrate the achievements of individuals and organizations that have made significant impacts on the technology industry in North Texas.



## UTDesign Earns Tech Titan Award

**UTDesign**, the corporate-sponsored capstone senior design program in the **Erik Jonsson School of Engineering and Computer Science**, won the **2013 Tech Titans of the Future Award** given by the **Metroplex Technology Business Council**, the largest technology trade association in Texas. The award is given to accredited educational institutions in the Dallas-Fort Worth area that encourage and support students in choosing engineering and technology-related disciplines. The award recognizes curricula and incentives that perpetuate technology knowledge transfer.

## Psychological Science Group Honors Vital Longevity Researchers

**Dr. Karen Rodrigue** and **Dr. Kristen Kennedy** were recognized by the **Association for Psychological Science** as Rising Stars. Rodrigue and Kennedy joined the **Center for Vital Longevity** as assistant professors in 2012. The **Rising Star** award acknowledges early career psychologists from around the world who are making a significant impact in the field of psychological science. Kennedy was recognized for her work in how the brain adapts to changes from normal aging. Rodrigue is renowned for her work relating cardiovascular health to the aging brain.

## University Helps Create Next-Generation Technologies

Two University research teams have been chosen to help a \$194 million national network create the technologies of the next generation. One team will evaluate materials to replace silicon in integrated circuits and the other team will help design a computer architecture that allows many types of computers to seamlessly communicate with one another. The network, known as **STARnet**, is comprised of six centers with professors and graduate students from nearly 40 universities, including the **Erik Jonsson School of Engineering and Computer Science** teams. The network is administered by **Semiconductor Research Corporation** and the **Defense Advanced Research Projects Agency**.

## Small Molecule Could Have Big Impact on Prostate Cancer

**Dr. Jung-Mo Ahn**, associate professor of chemistry in the **School of Natural Sciences and Mathematics**, designed and synthesized a novel, small molecule that might become a large weapon in the fight against prostate cancer. Ahn and his colleagues at **UT Southwestern Medical Center** described the design of the molecule, as well as laboratory tests that show its effectiveness at blocking the cancer-promoting function of proteins, in a study published in the journal **Nature Communications**. Ahn plans to continue his research to better understand how the small molecule and related compounds he developed work against cancer on a molecular level.



Members of the UTDesign team that took home a Tech Titans of the Future Award: (from left, back row) Rod Wetterskog, Iram Hasan, Dr. Robert Hart, Todd Polk, Nancy Finch, (from left, front row) Dr. Marco Tacca, Andrea Turcatti, Dr. Miguel Razo.

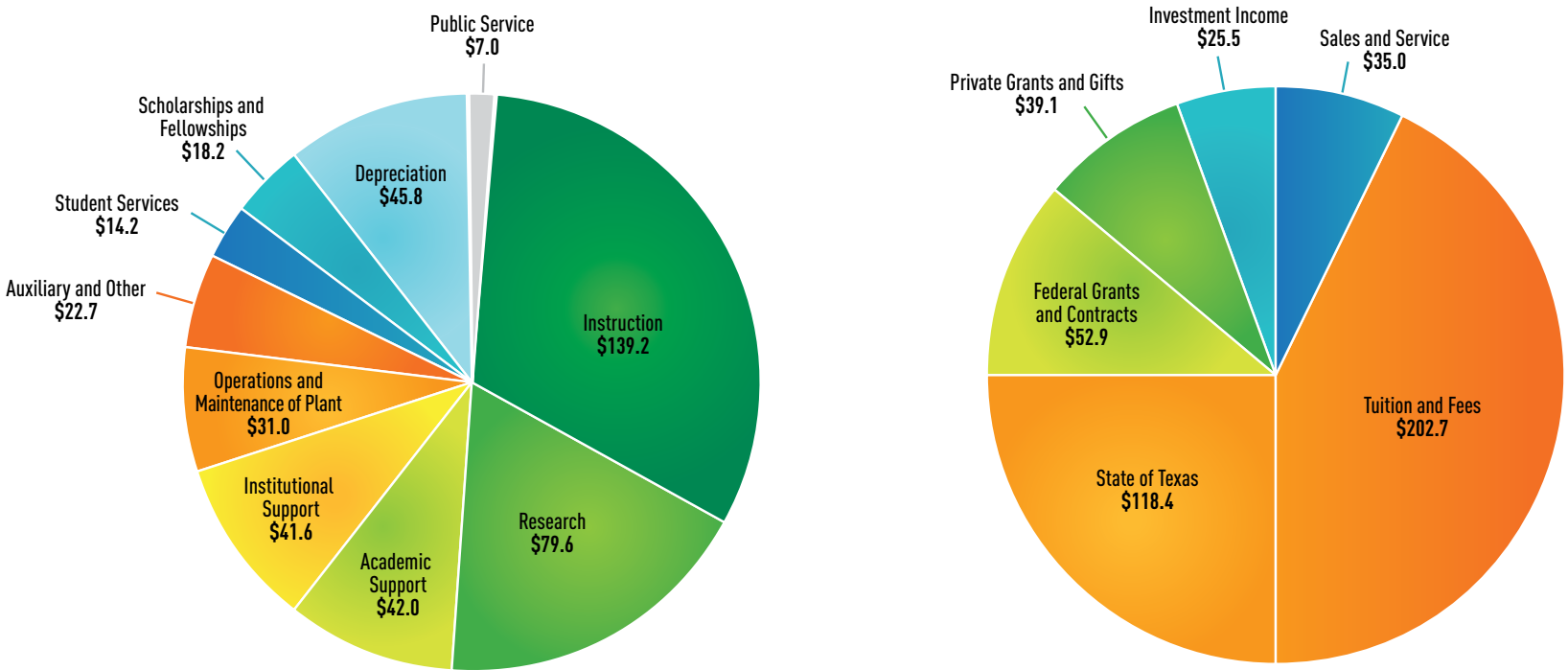


SOURCES AND USES OF FUNDS

Fiscal Year 2013 (In Millions)

Operating Expenses

Revenue



Statement of Revenues, Expenses and Changes in Net Position For Fiscal Years Ending August 31, 2012 and 2013		
	Fiscal '13	Fiscal '12
Revenues	473,638,305	406,651,517
Operating Expenses	441,395,785	390,574,333
Transfers from UT System and Other Institutions	112,446,672	71,237,304
Change in Net Position	144,689,192	87,314,489
Beginning Net Position	1,087,726,522	1,000,412,033
Ending Net Position	1,232,415,715	1,087,726,522

Based upon the results of the audit work performed, the information included in this publication that is the responsibility of Executive Management at UT Dallas presents fairly, in all material respects, the financial position, results of operations, and changes in net assets of UT Dallas at August 31, 2013, and for the year then ended in accordance with accounting and financial reporting standards as promulgated by UT System policy and The State of Texas Comptroller of Public Accounts.

THE UNIVERSITY OF TEXAS AT DALLAS

ADMINISTRATION

David E. Daniel	President	972.883.2201
B. Hobson Wildenthal	Executive Vice President and Provost	972.883.2271
Andrew Blanchard	Vice President for Information Resources	972.883.3536
Aaron T. Conley	Vice President for Development and Alumni Relations	972.883.6504
Bruce E. Gnade	Vice President for Research	972.883.4570
Calvin D. Jamison	Vice President for Administration	972.883.2213
Terry Pankratz	Vice President for Budget and Finance	972.883.4536
Darrelene D. Rachavong	Vice President for Student Affairs	972.883.6236
Amanda O. Rockow	Vice President for Public Affairs	972.883.2106
Susan A. Rogers	Vice President for Communications	972.883.4325
Magaly Spector	Vice President for Diversity and Community Engagement	972.883.4566

DEANS

Dennis M. Kratz	Arts and Humanities	972.883.2984
Bert S. Moore	Behavioral and Brain Sciences	972.883.2355
Denis Dean	Economic, Political and Policy Sciences	972.883.4948
Austin J. Cunningham	Graduate Studies	972.883.2234
George W. Fair	Interdisciplinary Studies	972.883.2350
Ellen Safley	Libraries	972.883.2916
Hasan Pirkul	Naveen Jindal School of Management	972.883.6813
Mark W. Spong	Erik Jonsson School of Engineering and Computer Science	972.883.2974
Bruce Novak	Natural Sciences and Mathematics	972.883.2416
Gene Fitch	Students	972.883.6391
Andrew Blanchard	Undergraduate Education	972.883.3536





OFFICE OF THE PRESIDENT  
800 West Campbell Road  
Richardson, Texas 75080-3021  
972.883.2201 | [utdallas.edu](http://utdallas.edu)