This report is a reflection of perhaps the best year in UT Dallas’ history—a year in which we set records for just about everything. Our performance and momentum have never been stronger. Enrollment has grown significantly and gained in quality. Exceptionally talented students come to UT Dallas, and as we lay claim to the academic loyalties of our state’s most talented high school seniors as well as talented and aspiring graduate students, we benefit not only the University, but Texas as well.

The news is equally good with regard to faculty. We counted a record number of tenured and tenure-track faculty members this fall. And the quality of newly recruited faculty members has never been stronger. A closely related metric is particularly encouraging: research expenditures continue their long-term growth with a 60 percent increase in federal expenditures over the past four years. This growth reflects increasing success in recruiting faculty who compete successfully on the national level for research funding.

We would be proud of the achievements of our students, faculty and staff in any case, but they look even more remarkable considered against a backdrop of decreasing state funding. All state agencies were asked last year to return 5 percent of state funding for the 2010 and 2011 fiscal years. As I write this, we see the prospect of further cuts in state support.

We are prepared to make the tough, necessary choices to keep UT Dallas on course to become a major, nationally competitive "Tier One" research university. While there are surely state funding challenges ahead, our institution is built to last, with exceptionally talented students and faculty, a dedicated staff, and sound fundamentals for quality and excellence.

As good as this year was, I expect next year to be even better.

I offer heartfelt appreciation to the numerous friends and supporters of UT Dallas who have helped to make this an exceptional year of advancement for our University. Your support and encouragement are necessary ingredients for our achievements. Thank you!

David E. Daniel

Letter from the President

These pages offer a view of the achievements of Fiscal Year 2010. To view the Annual Report online go to utdallas.edu/president/annualreport/2010.
Connecting to Our Future

As we move UT Dallas toward national recognition as a research university, we’re connecting with alumni, friends and neighbors. Last year, we embarked on the Hello Tour, an around-the-world event series uniting the UT Dallas community. Now in its second year, the Hello Tour has given alumni the opportunity to celebrate and reconnect with UT Dallas in Albuquerque, Austin, Houston, Indianapolis, Pittsburgh, San Diego and Taipei, Taiwan.

We’ve also been touching base with alumni in our own backyard through President’s Gatherings, a series of events intended to expand our reputation in North Texas. The format is simple: President David E. Daniel shares an overview on all the remarkable things happening at UT Dallas, as well as insight on plans for the future. We’re grateful to the alumni who have served as some of our most helpful hosts.

Through our Good Neighbors program, we’ve reached out to thousands of nearby residents living in retirement communities. This initiative brings faculty to nearby senior communities for special lectures and invites seniors to campus for a wide array of events. Dozens of faculty have presented on diverse topics, including CSI in Real Life, Birding in Alaska, and the Making of Moon Dust. The program has expanded to provide computer classes, and plans are underway to offer our partners even more student performances in music and the performing arts.

Alumni and friends are returning to campus to witness the remarkable changes to the University as it evolves into a more traditional and impressive campus setting. The Office of Development and Alumni Relations is available to arrange visits and other opportunities, such as scheduling guest lecturers or facilitating corporate research connections to the faculty.

Alumni Honored at Gala

Eight alumni and two of UT Dallas’ most ardent supporters were honored in front of a crowd of nearly 300 at the University’s annual Awards Gala held April 1, 2010.

Sara T. Martineau and Angel Ruiz received the new Gifford K. Johnson Community Leadership Award—named for the former president of the Southwest Center for Advanced Studies, the institution that Johnson helped mold into UT Dallas in 1969. Johnson died in July 2009, at age 91.

The following alumni received the traditional Distinguished Alumni Award and the Green & Orange Award for Alumni Service.

Alumni Gala Honorees

2010 Distinguished Alumni

Christian Boudry MA’90
Director of Hardware Architecture, Partner Microsoft
Redmond, Washington

Dr. Gary A. Frazier PhD’84
Senior Engineering Fellow Raytheon Advanced Products Center Dallas

Dr. Morton Ann Gernsbacher MS’80
Vilas Research Professor and Sir Frederick C. Bartlett Professor of Psychology University of Wisconsin–Madison

Elizabeth Ann Graves BA’83
Civic Leader Tulsa, Oklahoma

Naveen Jindal MBA’92
Member of India Parliament, Executive and Vice Chairman and Managing Director Jindal Steel and Power Limited New Delhi, India

Dr. Paul Waddell PhD ’89
Professor of City and Regional Planning University of California–Berkeley

Green & Orange Award for Alumni Service

Vincent E. Morgan BA’95
Counsel Pillsbury Winthrop Shaw Pittman LLP Houston

Gifford K. Johnson Community Leadership Award

Sara T. Martineau
Civic Leader Dallas

Angel Ruiz
President Ericsson North America Dallas

Dr. Morton-Ann Gernsbacher MS’80
Wax Research Professor and Sir Frederick C. Bartlett Professor of Psychology University of Wisconsin–Madison
Fiscal Year 2010 Giving Highlights

Source of Gifts

- **Other Individuals**: 1,338
- **Alumni**: 2,344
- **Corporations**: 65
- **Foundations**: 60
- **Other**: 4

**Fiscal Years 2001–2010 Cash Pledges & In-kind Total**

- **FY 2010**: $28,493,446.94 $4,504,657.36 $32,998,104.30
- **FY 2009**: $9,720,814.48 $4,292,907.35 $14,013,721.83
- **FY 2008**: $17,871,194.65 $3,565,519.74 $21,436,714.39
- **FY 2007**: $17,084,376.84 $18,187,993.44 $35,272,370.28
- **FY 2006**: $16,416,762.71 $5,225,387.56 $21,642,150.27
- **FY 2005**: $14,479,506.46 $2,907,249.50 $17,386,755.96
- **FY 2004**: $1,188,618.57 $13,103,864.00 $14,292,482.57
- **FY 2003**: $5,493,783.87 $3,177,492.57 $8,671,276.44
- **FY 2002**: $4,542,166.14 $4,211,394.86 $8,753,561.00
- **FY 2001**: $5,407,277.43 $7,140,132.51 $12,547,409.94

*Does not include $7.7 million in matching funds received from the Texas Research Incentive Program in Fiscal ’10. The University’s fund-raising push to achieve Tier One status netted a $15.2 million match, which it qualified for after raising $16.9 million in private gifts. The remaining matching funds are to be distributed in Fiscal ’11.

Momentum continued

**Record Year in Giving and Endowments**

In 2010, supporters rallied for the University, catalyzing total fundraising efforts to $40+ million and new endowments to 34. The Texas Legislature’s Texas Research Incentive Program, or TRIP, kick-started our 2010 fund-raising push by offering $50 million in matching funds to competing emerging research institutions in the state. UT Dallas raised $6.15 million in private gifts, which qualified for a $15.2 million match. These gifts provide the critical resources we need to increase top-match faculty, attract the best and brightest students, and continue our commitment to driving innovation, research and economic benefit to North Texas.

Another 13 donors united to boost our resources in this area. The School of Management Advisory Council Professorship supports research and scholarly activity by faculty.

Ambitious, gifted graduate students will drive UT Dallas closer to becoming a Tier One university through their innovative research. Fellowships like the Erik Jonsson School of Engineering and Computer Science’s Industrial Advisory Board Graduate Fellowship—a $100,000 gift matched with $50,000 through TRIP—help attract and sustain graduate students so that they can focus on education and discovery.

World-class faculty and students need exceptional facilities within a learning and teaching atmosphere that encourages and inspires. Our donors are making this a reality, identifying needs for new buildings and a welcoming, holistic campus environment.

Another 130 donors united to boost our resources in this area, collectively giving $16,432,650. This was matched with $8,216,325 from TRIP for a fellowship in the School of Management. The School of Management Advisory Council Professorship supports research and scholarly activity by faculty.

Endowments allow institutions to plan boldly for the future by reducing financial uncertainty. In good economic times, the endowment grows and then helps reduce any negative impact in a downturn. A strong endowment also protects a university against declines in other revenue sources, such as shortfalls in tuition revenue or state appropriations.

Materials science graduate student Muge Acik’s recent work could ultimately lead to high-performance nanoelectronics applications such as new solar absorbers for harvesting sunlight.

Students and faculty partner in University Chancellor Research Program to perform work in the fields of microeconomics, electronic materials, nanotechnology, MEMS and other areas requiring a particle-free environment.

Endowment gifts provide support for such research and outreach activities and can provide leading-edge high-performance computer simulations and outreach activities. Our donors are making this a reality, identifying needs for new buildings and a welcoming, holistic campus environment.

Economic downturns. Endowments allow institutions to plan boldly for the future by reducing financial uncertainty. In good economic times, the endowment grows and then helps reduce any negative impact in downturn. A strong endowment also protects a university against declines in other revenue sources, such as shortfalls in tuition revenue or state appropriations.

Campus Enhancement Fund has received $1.2 million in naming gifts toward our $5 million goal. Support has come from all corners of our community, including the Class of ’10, alumni, UT Dallas administrators, UT Dallas Development Board members and area corporations.

Along with giving, 2010 marked an all-time annual high for the creation of endowments. Endowments alone institutions to plan boldly for the future by reducing financial uncertainty. In good economic times, the endowment grows and then helps reduce any negative impact in downturn. A strong endowment also protects a university against declines in other revenue sources, such as shortfalls in tuition revenue or state appropriations.

Momentum continued

**Student and Faculty Partner in University Chancellor Research Program to perform work in the fields of microeconomics, electronic materials, nanotechnology, MEMS and other areas requiring a particle-free environment.**

Campus Enhancement Fund has received $1.2 million in naming gifts toward our $5 million goal. Support has come from all corners of our community, including the Class of ’10, alumni, UT Dallas administrators, UT Dallas Development Board members and area corporations.

Along with giving, 2010 marked an all-time annual high for the creation of endowments. Endowments allow institutions to plan boldly for the future by reducing financial uncertainty. In good economic times, the endowment grows and then helps reduce any negative impact in downturn. A strong endowment also protects a university against declines in other revenue sources, such as shortfalls in tuition revenue or state appropriations.
Enrollment at UT Dallas rose to 17,128 for fall 2010, an increase of 18.3 percent since 2005. At more than 8.5 percent over fall 2009 enrollment, it was one of the largest growth spurts in the history of the University. A key goal of the strategic plan is to expand the student body to about 22,000 by 2017.

The number of doctoral students hooded last year reached 200 for the first time—a large gain on previous years and another indicator of research vitality. UT Dallas is likely to sustain a production rate of around 200 doctorates per year for several years, and then continue a gradual, long-term growth pattern.

Enrollment growth, and just as critically, retention of students, has been positively influenced by the Guaranteed Tuition Plan and the Comet Connection. The Guaranteed Tuition Plan locks tuition and mandatory fees for a four-year period beginning with a student’s registration. The Comet Connection, for students who begin at community college and complete their degrees at UT Dallas, encourages potential transfer students to build a close association with the University and locks their tuition rate through the Guaranteed Tuition Plan. Every two-year college in Texas, both public and private, participates in Comet Connection.

At 1245, the fall 2010 average SAT score for incoming freshmen remained among the highest for any university in Texas. Nearly 40 percent of incoming freshmen graduated in the top 10 percent of their high school class and almost 75 percent were from the top 25 percent. The retention rate for freshmen—those who returned from fall 2009—was 85 percent. The top Texas counties of origin included:

- Dallas, Collin, Denton, Harris, Tarrant and Travis.

Behind Texas, the top states of origin were:
- California, Oklahoma, New York, Louisiana, Illinois, Florida and Missouri.

After the United States, the top countries of origin were:
- China, India, South Korea, Taiwan and Vietnam.

Some of the most popular UT Dallas majors included:
- Accounting
- Arts and technology
- Biology
- Business administration
- Computer science
- Electrical engineering
- Psychology

The most popular graduate programs were:
- Accounting
- Business administration
- Communication disorders
- Computer science
- Electrical engineering
- Finance
- Humanities
- Information technology and management

Fall 2010 Student Profile
Preliminary enrollment: 17,128
Full time equivalent enrollment: 13,370
Male: 56%
Female: 44%
Full time: 68%
Part time: 32%
Undergraduate: 62%
Graduate: 38%
Oldest Student: 76 years
Youngest Student: 15 years

Enrollment at UT Dallas rose to 17,128 for fall 2010, an increase of 18.3 percent since 2005. At more than 8.5 percent over fall 2009 enrollment, it was one of the largest growth spurts in the history of the University. A key goal of the strategic plan is to expand the student body to about 22,000 by 2017.

The number of doctoral students hooded last year reached 200 for the first time—a large gain on previous years and another indicator of research vitality. UT Dallas is likely to sustain a production rate of around 200 doctorates per year for several years, and then continue a gradual, long-term growth pattern.

Enrollment growth, and just as critically, retention of students, has been positively influenced by the Guaranteed Tuition Plan and the Comet Connection. The Guaranteed Tuition Plan locks tuition and mandatory fees for a four-year period beginning with a student’s registration. The Comet Connection, for students who begin at community college and complete their degrees at UT Dallas, encourages potential transfer students to build a close association with the University and locks their tuition rate through the Guaranteed Tuition Plan. Every two-year college in Texas, both public and private, participates in Comet Connection.

At 1245, the fall 2010 average SAT score for incoming freshmen remained among the highest for any university in Texas. Nearly 40 percent of incoming freshmen graduated in the top 10 percent of their high school class and almost 75 percent were from the top 25 percent. The retention rate for freshmen—those who returned from fall 2009—was 85 percent. The top Texas counties of origin included:

- Dallas, Collin, Denton, Harris, Tarrant and Travis.

Behind Texas, the top states of origin were:
- California, Oklahoma, New York, Louisiana, Illinois, Florida and Missouri.

After the United States, the top countries of origin were:
- China, India, South Korea, Taiwan and Vietnam.

Some of the most popular UT Dallas majors included:
- Accounting
- Arts and technology
- Biology
- Business administration
- Computer science
- Electrical engineering
- Psychology

The most popular graduate programs were:
- Accounting
- Business administration
- Communication disorders
- Computer science
- Electrical engineering
- Finance
- Humanities
- Information technology and management
From the basketball court, to the lab, to the floor of the New York Stock Exchange, students from UT Dallas are leaders who are driven to succeed.

Administrative Appointments Aid Student Success

The University placed two administrators in key student service positions:

• Dr. Gene Fitch joined as the new dean of students. Fitch follows Donna Rogers, who retired after 31 years. Fitch provides management and supervision to the Dean of Students Office, including student conduct and conflict resolution, formation and interpretation of University policies, disability services, fraternity and sorority life, the Student Union and Activities Advisory Board, spirit programs, student government, student media and student organizations.

• Dr. Sheila Gutiérrez de Piñeres, a professor in the School of Economics, Political and Policy Sciences, was appointed dean of undergraduate education. Piñeres succeeds Dr. J. Michael Coleman, who had served as associate provost and dean of undergraduate education since 1997. Among other important tasks, the Office of Undergraduate Education coordinates undergraduate education across the University’s seven schools and manages the freshman admission review process and Academic Excellence Scholarship programs. Piñeres was named an ACE fellow by the American Council on Education and also received the prestigious Regents’ Outstanding Teaching award from the University of Texas System.

Athletics

• UT Dallas’ 16th year of intercollegiate athletics was marked not only by team accomplishment, but also by the academic successes achieved by the University’s 250-plus student athletes. Shortly after the men’s basketball team advanced to the Sweet 16 of the NCAA III tournament in late March, Scott Rodgers BS’10, men’s team lead scorer, and Chelsea Edwards BA’10, women’s patoguard, were selected as the American Southwest Conference’s Winter Distinguished Scholar–Athlete. Surya Prakash BS’10 received the same distinction two months later after wrapping his final year as a member of the men’s golf team. In all, 57 student-athletes were honored on American Southwest Conference Academic All-Conference Teams for fall 2009.

Awards

• Physics student Alex Palmer BS’10 won an award from the Department of Energy Office of Science Graduate Fellowship Program to pursue research on particle physics. The $50,500 award includes support for tuition and fees, an annual living stipend and an annual research stipend. Palmer is also a recipient of the Barry M. Goldwater Scholarship and is also a member of the University’s Eugene McDermott Scholars Program. He currently is pursuing a graduate degree in experimental high-energy physics at The University of Chicago.

• Two students successfully maneuvered their way to first and second place in the 111th U.S. Open Chess Championship. Chess Grandmaster (GM) Alejandro Ramirez BA’09, a McDermott Scholar and an arts and technology graduate student, finished first in the competition. International Master Julio Cata- lina Sadorra, a sophomore majoring in psychology, placed second in a four-way tie. After defeating 2007 U.S. Champion GM Alexander Shabalov in the second-to-last round, Ramirez faced and subse- quently defeated fellow Comet Sadorra in the clos- ing match of the 460-plus player tournament.

Scholarships

• With the goal of improving the lives of women in Muslim countries, Samia Hossain received a nine-month award from the Fulbright U.S. Student Program. She will use her grant to study language and literature at the American University of Cairo’s Arabic Language Institute. She also won a Critical Language Enhancement Award to continue her Arabic studies with private tutor- ing for three months following her Fulbright– supported studies. Hossain was accepted to law school at the University of California, Berkeley. She is a member of the McDermott Scholar Pro- gram and graduated magna cum laude in spring 2010 with a bachelor’s in international political economy from the School of Economic, Political and Policy Sciences.
In mapping out how UT Dallas will become one of the nation’s best public research universities, the University’s strategic plan places particular emphasis on faculty.

“The principal challenge we face is the size of the faculty,” the plan says. “It is too small to compete with the nation’s leading research universities.”

But that’s changing.

Since 2005 UT Dallas has hired 186 tenured and tenure-track faculty members, boosting the faculty count by almost 23 percent to 444. Top-quality universities—such as MIT, the University of Virginia, the University of North Carolina at Chapel Hill and Georgia Tech—generally have 800 to 1,000 faculty, and UT Dallas is steadily progressing in that direction.

A diverse group, the new faculty are all top scholars in their fields. They come from some of the best universities and research institutes in the world, and they share a mission to create the national research university Dallas/Fort Worth must have to become a leading global competitor.

The new faculty hail from such esteemed academic institutions as Harvard, MIT, the University of Paris, Caltech, Stanford, Johns Hopkins, Cornell and more. They also come to UT Dallas from prestigious research institutions such as Sandia National Laboratories and Cold Spring Harbor Laboratory, and from leading companies such as Freescale Semiconductor.

Some of the new faculty are freshly minted postdoctoral fellows, while others are experienced industry and academic veterans. Many of them have expertise in areas that receive particularly high funding from federal, state and industry sources—areas such as the physical sciences, the biosciences, engineering and technology.

And all of them met exacting standards.

“You try to hire the people you think have the best potential for being good faculty members,” said Dr. Hobson Wildenthal, the University’s executive vice president and provost. “At UT Dallas, that means carrying out nationally significant research and teaching well.”

Faculty growth means more research dollars flowing to UT Dallas, with significant implications for the region’s ability to create and foster high-tech industries. Faculty growth is a vital resource to the University. Recruiting and retaining premier faculty in a variety of disciplines enhances the University’s appeal to top students, who in turn increase the University’s prestige.

Enriched Resources: Faculty

186 Tenured and On-Track Faculty
Hired Since 2005

<table>
<thead>
<tr>
<th>Position</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>26%</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>26%</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>57%</td>
</tr>
</tbody>
</table>

Above: Kenneth Pugh, head of clinical audiology and clinical associate professor, Callier Center for Communication Disorders, School of Behavioral and Brain Sciences.

Above Right: Denise Boots, associate professor of criminology, School of Economic, Political and Policy Sciences.

Bottom Right: Frank Dufour, assistant professor of sound design, Arts and Technology Program, School of Arts and Humanities.
Total research spending leapt more than 28 percent from $65.8 million in Fiscal '09 to $82 million in Fiscal '10, setting yet another record for UT Dallas. This upward trend in research spending—a five-fold increase within the last 10 years—is an important step toward Tier One status. Furthermore, reaching $100 million in research expenditures pushes a university into the spotlight as a nationally recognized research institution—a reachable goal for UT Dallas given past years’ performances.

The progression in funding is fueled in large part by innovative research programs, corporate and public partnerships and entrepreneurial endeavors. The Office of Technology Commercialization (OTC) facilitates UT Dallas’ inventions and commercial plans and is now in its third year of operation. The breadth of research at UT Dallas enables the OTC to help market discoveries that span a wide variety of academic and industrial fields.

UT Dallas more than doubled invention disclosures in just three years from 28 in Fiscal '08 to 64 in Fiscal '10 and has spun off 11 companies in the same time span. These companies have raised a total of $16.5 million in private financing and government funding and have created 42 high-tech jobs to date.

Some Fiscal '10 highlights include:

- **EncephRx**—produces novel neuroprotective pharmaceuticals for disease such as Alzheimer’s and Parkinson’s. The project is a joint venture with Southern Methodist University.
- **Cirasys, Inc.**—is commercializing a revolutionary new electrical power conversion technology with applications including laptop computers, LED lighting, electric and hybrid vehicles, and renewable energy harvesting.
- **BrainHealth Strategies**—has introduced a dramatically successful training program for improving reasoning, problem solving and critical-thinking skills for middle-school students with a potential for use in older populations. The company also will commercialize the one-of-a-kind “brain-health physical” program, developed at the Center for BrainHealth, that creates benchmarks and tracks brain function from learning and reasoning to creativity.

Discovery and Solutions: Research

**Left:** Moon Kim, professor of materials science and engineering, discusses his research with undergraduate student Bahar Agayeva, BS’10, in UT Dallas’ state-of-the-art Natural Science and Engineering Research Laboratory.

**utdallas.edu**
In the last five years, the University has added 33 degrees to its array of academic offerings, bringing the total number of bachelor’s, master’s and doctoral degree plans to 142. The increase represents a growth of 30 percent in degrees offered.

UT Dallas currently has 51 bachelor’s, 61 master’s and 29 doctoral degree options. The University also confers the Doctor of Audiology professional degree through the School of Behavioral and Brain Sciences.

The new degree programs help students prepare for careers of today—and tomorrow. Almost half of these degree plans are in the highly-sought science, technology, engineering and mathematics (STEM) disciplines.

The increase is a part of the “grow smart” strategy aimed at achieving a segment of the University’s strategic plan: Add 5,000 new students. Offering a diverse slate of degrees enables UT Dallas to attract and retain talented students, and contributes to the significant enrollment growth experienced from 2005–10.

Graduate student research and education is a mark of distinction among national research universities, and UT Dallas traces its heritage in this area to its beginnings four decades ago. Continuing to build on this tradition of offering excellence in graduate study, 21 of the new degree options are offered at the master’s and doctoral level. The UT Dallas strategic plan also calls for increasing the number of doctoral degrees conferred annually. Of the new graduate degrees, four are terminal degrees for their fields: biomedical engineering, criminology, geospatial information sciences, and materials science and engineering.

Some of the most popular new degrees by enrollment increase include:

- Bachelor of Science in child learning and development
- Bachelor of Science in finance
- Bachelor of Science in computer engineering
- Master of Science in finance
- Bachelor of Science in mechanical engineering

UT Dallas also offers students a way to efficiently earn both a bachelor’s degree and a master’s degree in as little as five years. The Fast-Track Program, now in its 15th year, allows undergraduates to take graduate courses for dual credit. During an average semester, 650 to 700 students participate in the Fast-Track Program. Several of the newer degree programs, including finance and computer engineering, offer this option. Providing a quality education and an efficient path from undergraduate study to graduate school, then to the workplace, UT Dallas aims to make its graduates competitive contributors in the new economy.

Degrees of Difference
American students once ranked among the world’s best math and science aptitude. But performance in key areas—science, technology, engineering and math, or STEM—has fallen precipitously in the last few decades. An international assessment of 15-year-olds by the Organization for Economic Cooperation and Development showed the United States lagging far behind our European counterparts, ranking 21st in science knowledge behind Belgium, France, and the United Kingdom. Math knowledge was even more dismal as the United States ranked 24th behind Slovakia, the Czech Republic and Canada.

Faculty at UT Dallas are committed to reversing this trend by harnessing resources from local schools, libraries and companies and providing learning opportunities geared toward STEM subjects. One such program, UTeach Dallas, housed in the School of Natural Sciences and Mathematics, is educating the next generation of highly qualified secondary science and mathematics teachers. The first class entered the program in spring 2008. UTeach Dallas also includes degree plans for experienced teachers who want to earn advanced degrees.

“This program prepares undergraduate students to be highly-qualified teachers from the very first day they set foot in a classroom,” said Dr. Mary Urquhart, co-director of the program. “Many companies see the importance of science and math education as an instrument in developing an educated workforce, and that’s a good investment for everyone.”

UTeach is just one example of the abundance of teaching programs aimed at perpetuating STEM education beyond the University by instilling the critical skills educators need to inspire and improve performance in others.

Other programs at UT Dallas include:

• GEMS or ‘Gateway to Excellence in Math and Science’—a program overhauling the curricula and teaching methods for entry-level math and science courses. GEMS also uses student-to-student teaching to help engage students in STEM fields.
• Science Learning Center—opened in the summer of 2010, it’s a comprehensive facility for focused, research-based education in STEM fields for UT Dallas freshmen and sophomores.
• Calculus Game—a game that teaches basic concepts of calculus through design, visualization and problem solving in an entertaining package created by a team led by arts and humanities Assistant Professor Monica Evans and funded by a $250,000 grant from the UT System.
• Green Fellowship—a program encouraging individual pursuit of research projects under the direction of the graduate school faculty at UT Southwestern Medical Center, which grants UT Dallas undergraduates a stipend of $3,500 for the semester-long program.
• Undergraduate Research Scholar Award—Competitively awarded cash grants to encourage student engagement in scientific research at UT Dallas.

UT Dallas also facilitates STEM-based programs through community outreach and education initiatives designed to encourage science learning beyond campus. For instance, Contact Science, part of the UT Dallas Science and Engineering Education Center (SEE), provides kids with stimulating opportunities for hands-on science learning with the help of community volunteers.

“Five is a great example of grassroots involvement in science education,” said Dr. Koshi Dhingra, assistant director of SEE. “Even if they have only a few hours of their time to devote to this effort this fall, these volunteers who love science and enjoy working with young people will help raise kids’ interest in science and technology.”
Raising the Bar: Science, Technology, Engineering, and Math continued

Other community-based STEM initiatives at UT Dallas include:

• Science and Engineering Education Center (SEEC)—founded in 2009 by Dr. Russell Hulse, a Nobel laureate and regental professor and associate vice president for strategic initiatives at UT Dallas. SEEC reaches out to a broad range of students and teachers with an emphasis on developing strong partnerships with local PK-12 schools, science museums, libraries and private industry, all in an effort to stimulate science learning through hands-on technologies.

• Dallas STEM Gateways Collaborative—a National Science Foundation-funded initiative geared toward increasing graduates in STEM fields. The $2.5 million grant includes UT Dallas, Collin College and Richland College.

• Center for Science/Mathematics Education Research (C-SER)—designs and strengthens STEM education in North Texas by cultivating local STEM academies and equipping teachers with the tools they need to prepare for future careers.

• African-American Male Academic Bowl—African-American men from the UT Dallas chapters of Alpha Phi Alpha Fraternity, Inc. and the National Society of Black Engineers teamed up to tutor South Dallas youth in math and science. As a way to showcase the progress made during study sessions, the Dallas County Community College District, UT Dallas and nonprofit Project Still I Rise, Inc. co-hosted the first African-American Male Academic Bowl in January 2009. The bowl, a day of intense competition and introduction to a college environment open to students from across Texas, allowed fourth through seventh grade boys to show off math concepts and other subjects they mastered in a celebratory atmosphere.

• Challenging Algorithmics and Mathematics in Problem Solving (CHAMPS)—a program aimed at developing interest in computing and its applications for middle-school students, especially women and minority students, so that they will adopt computer science as their field of study when they attend college and later embark on professional careers.

The NanoExplorer Program introduces middle and high school students to their first research experiences. Since the program’s inception in 2002, more than 130 students have had their first research experiences in the Institute. These students have co-authored numerous technical presentations and journal articles, presented posters at international conferences, and won major international science competitions.

Since the NanoTech Institute’s establishment in the fall of 2001, the group has produced more than 300 refereed journal articles, 13 of which have been published in Science or Nature, and given over 300 lectures both in the United States and abroad. Summer is one of the few times kids can immerse themselves in extra-curricular activities, and UT Dallas offers a wide range of summer camps that encourage youth to try out different fields of study in fun, interactive environments. STEM-centered workshops pair participants with top faculty.

Summer initiatives include:

• Awesome Math—a camp for mathematically-gifted students in grades 8-12, which offers the opportunity to engage in significant problem-solving activities in advanced mathematics.

• Women in Physics Summer Camp—sponsored by the Women in Physics university student group, encourages middle-school girls to get a week of hands-on physics experience through fun challenges, games and experiments.

• Anson L. Clark Summer Research Program—selects only the highest-achieving incoming freshmen to pull on lab coats and step up to the lab bench to conduct experiments. This offers UT Dallas students the opportunity to conduct leading research at the undergraduate level. Clark students receive a $2,000 stipend and the opportunity to work one-on-one with faculty in labs across campus.

Summer is one of the few times kids can immerse themselves in extra-curricular activities, and UT Dallas offers a wide range of summer camps that encourage youth to try out different fields of study in fun, interactive environments. STEM-centered workshops pair participants with top faculty. Summer initiatives include:

• Awesome Math—a camp for mathematically-gifted students in grades 8-12, which offers the opportunity to engage in significant problem-solving activities in advanced mathematics.

• Women in Physics Summer Camp—sponsored by the Women in Physics university student group, encourages middle-school girls to get a week of hands-on physics experience through fun challenges, games and experiments.

• Anson L. Clark Summer Research Program—selects only the highest-achieving incoming freshmen to pull on lab coats and step up to the lab bench to conduct experiments. This offers UT Dallas students the opportunity to conduct leading research at the undergraduate level. Clark students receive a $2,000 stipend and the opportunity to work one-on-one with faculty in labs across campus.

Summer is one of the few times kids can immerse themselves in extra-curricular activities, and UT Dallas offers a wide range of summer camps that encourage youth to try out different fields of study in fun, interactive environments. STEM-centered workshops pair participants with top faculty. Summer initiatives include:

• Awesome Math—a camp for mathematically-gifted students in grades 8-12, which offers the opportunity to engage in significant problem-solving activities in advanced mathematics.

• Women in Physics Summer Camp—sponsored by the Women in Physics university student group, encourages middle-school girls to get a week of hands-on physics experience through fun challenges, games and experiments.

• Anson L. Clark Summer Research Program—selects only the highest-achieving incoming freshmen to pull on lab coats and step up to the lab bench to conduct experiments. This offers UT Dallas students the opportunity to conduct leading research at the undergraduate level. Clark students receive a $2,000 stipend and the opportunity to work one-on-one with faculty in labs across campus.
Above left: The redesigned mall lined with stately rows of magnolia trees.

Left: The southern end of the mall features the cooling effects of a circular fountain and mist fountain.

Right: Members of the UT Dallas Chess team ‘whoosh’ in front of a human-scale chessboard at the south end of the mall.

Two years in the making, the Campus Landscape Enhancement Project has dramatically changed the look and feel of UT Dallas. The physical presence of the campus more closely reflects the intellectual capacity of the institution, and it’s a transformation that signals the beginning of a new era at the University.

More than 5,000 trees and native plants now line the main entrance along University Parkway, leading to a mall framed by rows of stately magnolias, a series of bubbling pools, a mist fountain and a half-acre trellis that spans from the Eugene McDermott Library to the Student Union.

The transformation includes elements that will grow with the University and continue to improve throughout the years. They include:

- **Campbell Road Entrance:** Rows of hedges between Waterview Parkway and Floyd Road provide intermittent glimpses of campus. A crescent stand of oak trees and a UT Dallas sign placed prominently in the center median welcome visitors.

- **The Circle:** The entrance forest along the parkway ends at a large circle planted in turf and surrounded with matched trees. The circle acts as a focal point at the head of the plaza. Each planter is surrounded with limestone and filled with lush greenery.

- **The Mall:** Organized by a series of linear pools and rows of magnolias, the mall was designed to encourage conversations that extend beyond the classroom. Reflecting pools are the central element of the mall, stretching from the School of Management past the Student Union and ending at the McDermott Library. In times of drought, the pools can be drained to reveal a surface similar to a dry Texas creek bed. At the south end of the mall are additional seating areas and four human-scale, outdoor chess boards.

- **The Plaza and Trellis:** An outdoor room created by a large trellis is situated at the north end of the mall. It is designed to offer year-round comfort by providing deep shade and the cooling effects of a circular pool and mist fountain. Existing steps in front of the Student Union Building have been re-clad in wood to offer comfortable seating.

The privately funded $30 million project was led by landscape architects Peter Walker and Partners, a world-renowned design firm chosen for its understanding of Dallas and for its record of visionary works. The firm was chosen to carry out the design of the World Trade Center Memorial in New York.
Above: UT Dallas President David E. Daniel and Student Government President Grace Bielawski spoke at the campus enhancement dedication in September 2010.

Above left: There are five linear pools and a circular pool in the new mall, which use recirculated water.

Left: Trees bordering University Parkway are grouped into distinct species representing the stands of trees found in the ranch lands of North Texas.

Campus Enhancement
- Campbell Road Entrance
- Entrance Forest
- The Circle
- Visitor Center and Campus Store—Planned
- Student Services Building
- The Mall
- Arts and Technology Building—Planned
- The Plaza and Trellis
- Founders Building—Renovation
- Science Learning Center
The completion of the landscape project is only the latest effort to upgrade the functionality and feel of the campus. Several other new structures and remodeling projects have recently been completed or are under construction. They include:

**Founders Hall**
The Founders Hall renovation gave a major facelift to the University’s oldest building, which opened in 1964. The building has a new atrium lobby that extends out onto the mall. The facility redesign included updating classrooms, offices and related support space and creating a computer lab in the basement.

**Science Learning Center**
The Science Learning Center is a comprehensive facility for focused, research-based education in mathematics, science and engineering. The 47,000-square-foot building is equipped to serve as a major laboratory for research on effective teaching and learning techniques, both at the collegiate level and kindergarten through 12th grade. Opened in June 2010, the Science Learning Center includes lecture halls, labs and faculty offices.

**Student Services Building**
The 74,000-square-foot building houses all the departments that students, parents and prospective students need to access—the bursar’s office, Career Center, enrollment services, health and counseling centers, housing operations and the dean of students. The four-story building includes informal areas that enable current and prospective students to meet with advisors and staff in a relaxed atmosphere. The exterior features a limestone facade that has the appearance of floating from various vantage points within the facility. It was developed with the highest level of Leadership in Energy and Environmental Design certification that a building can achieve. The Student Services Building opened in September 2010.

**Student Housing**
A second freshman living-learning center is currently under construction. The 400-bed facility is being built on Rutford Avenue, adjacent to the first on-campus Residence Hall, which opened in Fall 2009. Most students will live in three-bedroom, single-bath suites, while peer advisers will live in one-bedroom units. The Residence Hall design features an expansive community area and each floor will house two open-air study rooms. The building will have a large courtyard and space for basketball and volleyball courts. The second hall is slated to open Fall 2011.

**Visitor Center and Campus Store**
The Visitor Center and Campus Store will be a central gathering point for campus visitors. At 33,000 square feet, the building’s footprint will stretch south from the side of the Activity Center, which it will adjoin, to west of the newly completed circle entrance. Its design features a glass curtain-wall assembly, cement and limestone composite panel walls, and anchors to a pier-and-beam foundation. The facility also will house a bookstore, copy center, a technology store and a coffee shop.

**Arts and Technology Building**
The planned Arts and Technology Building will be a state-of-the-art research and instructional facility for emerging media technology that integrates arts, science, computer science and engineering. Plans feature a 1,200 seat performance auditorium and a visual arts studio.
The University supports programs that provide young Texans a way to a better future through education. Among these are several directed by Dr. George Fair, dean of the School of Interdisciplinary Studies.

- **Academic Bridge Program**—In a little more than 10 years, the University’s Academic Bridge Program (ABP) has graduated 128 students, most of whom are the first in their families to attend college. The ABP “bridges” the gap between high school and college for those who may not have had the chance to take a full college-prep curriculum. ABP students come to UT Dallas the summer before their freshman year for an intense session of coursework, tutoring and social activities designed to acclimate them to college. Tutoring and mentoring continue throughout ABP students’ academic careers. As upperclassmen, the students mentor younger participants and students from their former high schools. The Bridge Program has maintained a 70 percent graduation rate since its inception.

- **College Readiness Initiative**—The inaugural class of College Readiness Initiative (CRI) students, all rising high school sophomores from Dallas ISD, met over the summer at UT Dallas for a two-week, immersion-style introduction to college-prep coursework. In addition to helping participants improve class rank, GPA and SAT score, the CRI helps participants explore career paths and take part in community service projects and financial literacy workshops. CRI students sleep in the Residence Hall, study in UT Dallas classrooms and eat on campus to get a taste of college life. CRI participants prioritized SAT prep and writing skills, but also made time for exploring campus, using the Activity Center for recreation and the Dining Hall for meals.

- **Kids University**—For the fifteenth year, UT Dallas hosted Kids University, a summer day camp that lets children from local homeless shelters experience a college environment. Activities for the 208 campers were designed to ignite curiosity in math and science, inspire confidence and encourage drop-free living. For 2010, nonprofit camp organiz-er Rainbow Days, Inc. and UT Dallas expanded the camp to two sessions in response to need created by the nationwide recession.

**Dynamic Engagements: Community Outreach**

Above left: The four-day Kids University summer camp culminated in a graduation ceremony. Above: The University’s new College Readiness Initiative (CRI) brought rising sophomores from Dallas ISD to the University for a two-week, residential summer scholastic experience. All participants prioritized SAT prep and writing skills, but also made time for exploring campus, using the Activity Center for recreation and the Dining Hall for meals. Left: Kids University staff in the School of Interdisciplinary Studies, Academic Bridge Program students like junior Claudia Benitez. utdallas.edu
Engaging the next generation of scholars is part of creating the future at UT Dallas. Renowned researchers, top students and competition programs reach out to today’s youth to nurture their intellectual curiosity and share with them the benefits of higher education.

Scholars Share Passion for Science–McDermott Scholars partnered with fifth graders from Thurmond Marshall Elementary (Richardson ISD) to help spark their interest in science and improve their TAKS test scores. Throughout the spring semester, the UT Dallas volunteers tutored students one-on-one, even helping them complete science fair projects. The partnership concluded with a field trip to UT Dallas, where the fifth graders toured the Natural Science and Engineering Research Laboratory and an arts and technology production lab.

NanoExplorers at UT Dallas–The UT Dallas NanoTech Institute is home to the George A. Jeffrey NanoExplorers program to promote nanotechnology-based education for high school age scientists. The program is funded by the National Science Foundation and by the Robert A. Welch Chair grant that Dr. Ray Baughman received in chemistry. Launched in 2002 when about a dozen high school students were invited to work on original research in the institute’s labs, the program now attracts more than 30 students to labs across campus each summer.

The Office of Student Volunteerism manages a wide range of volunteer opportunities for UT Dallas students. Through projects such as Service Saturdays, freshmen Engaged in Service Together (FEST), Alternative Spring Break and Vive Volunteer, students, staff and faculty give back to the community in a variety of projects that include Comet Cuts for Cancer, Oxfam Hunger Banquet, Hearts for Haiti, Harvest Farm volunteers, Richardson Animal Shelter and Habitat for Humanity. Through 98 volunteer engagements with 105 groups and agencies, UT Dallas student organizations and departments donated more than 20,000 hours of service and 3,600 pounds of food.

At UT Dallas, chess is more than a game for which we’re known. It’s a conversation starter that welcomes people from the community to our campus and allows for international exchange.

Summer Camps Keep Kids Thinking – The Chess Program offers multiple sessions of its summer camp for youth ages 7-13. Children learn from master-level players, including some from the University’s Chess Team. Each year, the Chess Program awards camp scholarships, encouraging children from all backgrounds to discover the centuries-old game.

Sixth Grader Nets Chess Championship – Dallas ISD sixth-grader Fernando Solis has taken care of his educational future—all before beginning high school. Solis won the annual Dallas Area Chess-in-the-Schools tournament, netting a $40,000 UT Dallas scholarship. The UT Dallas Chess Program has awarded scholarships to winners of local, state, national and international competitions since 1998.

Chess Team Challenges Cubans – College-level chess players from the United States and Cuba hadn’t squared off in half a century, so it was a triumph in itself when top UT Dallas players traveled to Havana to play against their counterparts at the Instituto Superior de Cultura Fisica (ISCU) in fall 2009. The thrill of victory proved to be the Cubans’ alone, however; after two days of play, ISCU emerged victorious.
Founded: 1969
Colors: Flame orange and eco green
Accessibility: 45% of undergraduates are first-generation college students.
Academic Programs: More than 140 academic programs across seven schools
The School and Programs: U.S. News & World Report ranked the School of Management among the nation's top business schools in its first-ever survey of part-time MBA programs (22nd) and also included the school's full-time program among public universities (82nd).
The School of Brain and Behavioral Science's Callier Center has two programs nationally ranked by U.S. News & World Report—graduate audiology ranked No. 4 and graduate speech-pathology ranked No. 12.
The Princeton Review cited UT Dallas as having one of the top 50 undergraduate game design programs in the nation. Game design is part of the University's innovative arts and technology program in the School of Arts and Humanities.
Pre-med students are admitted to medical schools at a rate of 61%, against a national admission rate of 49%; graduating seniors were admitted to all of the top 10 law schools in the nation.
Average Class Rank: 38% of freshmen ranked in the top 10% of their high school class; 74% ranked in the top 25%.
Financial Aid: 46% of undergraduates receive some form of financial aid.
Housing: 25% of undergraduate students live in University housing.
Student Life: UT Dallas has more than 150 student organizations.
Comet Athletics: With nine conference titles since 2002, the Comets are powerhouse contenders in the NCAA Division II American Southwest Conference. UT Dallas fields 13 intercollegiate teams with more than 250 student athletes.
Alumni: UT Dallas has 66,803 alumni who have earned 73,276 degrees from the University.

Eco-Friendly
• UT Dallas ranked fifth nationally in the annual RecyclingFest college competition for most paper recycled per capita, 19.7 pounds per person.
• Nearly $10,000 of revenue was generated at UT Dallas through its recycling efforts over an 18-month period ending Jan. 31, 2010.
• The Staff Council's efforts to recycle ink and toner earned second place in the annual Campus Convenience Store Recycling Competition.

Efficient and Effective
• UT Dallas reduced "people hours" in the bank reconciliation process from 120 to 32 for a total of 1056 hours saved annually.
• UT Dallas joined Oncor’s Take a Load Off, Texas, a free educational program to reduce energy use and expenditures through efficiency improvement projects.
• Lower contract rate negotiations brought significant energy cost savings—annual reductions of $287,000 for gas and $135,000 for waste water.
• Students saw substantial reduction in waiting time when an online payment system was instituted for the Bursar's Office. The University’s “Pay online—don’t wait in line” effort also reduced personnel costs.

utdallas.edu
New Director at CentralTrak

A. Kate Sheerin was named the director of CentralTrak, a Deep Ellum gallery and artists’ residency that is part of the UT Dallas School of Arts and Humanities.

Sheerin graduated from New York University’s Institute of Fine Arts with a master’s degree in art history in 2002. She was later appointed assistant curator at Southern Methodist University’s Meadows Museum, where she developed the contemporary and regional collections, exhibitions and programming.

Sheerin’s main goals for CentralTrak include strengthening the residency’s ties in the local community and extending support for the program throughout the state and across the country. Upcoming collections include “Glitch” and “The Black Architecture Project.”

Inaugural Success for Center for Values

Funded with $5 million from the Texas Legislature, the new Center for Values in Medicine, Science and Technology was designed to help the public understand the complex, crucial role that technological innovations and scientific discoveries play in shaping the values of contemporary culture.

The Center’s first lecture series featured speakers addressing the relationship between creativity and technology from across the spectrum of human activity in the arts, business, engineering, science and education. Fall 2010 kicked off a new series, revolving around the possibilities and implications of human enhancement. Spring speakers include Professor Eva Feder Kittay and author Rebecca Skloot.

Outstanding Teacher Award

Dr. Theresa Towner, professor of literary studies, was one of two UT Dallas faculty members to receive a Regents’ Outstanding Teacher Award from The University of Texas System in 2010. Regents’ nominees are selected through a rigorous process that starts with deans and department chairs, who rely heavily on student and peer faculty evaluations.

Towner, a Faulkner scholar—who also teaches courses on the literature of fantasy in Oz, Narnia and Harry Potter, among others—has been with The University of Texas at Dallas for more than 15 years.
The School of Behavioral and Brain Sciences (BBS) offers student training and supports research across a wide range of fields to promote understanding of the complexity of human thinking, feeling and behavior, and to provide assistance to individuals with related disorders. Through its academic programs and affiliated centers, the school develops new knowledge, prepares students to contribute in a broad array of disciplines and provides direct community service in targeted domains.

During 2010, BBS achieved a record high in the number of students majoring in its programs—1,700—and in extramural grants awarded to its faculty and students. Five additional faculty members joined the school.

The range of BBS’ research is reflected in federal grant awards received by faculty, including:

- Dr. Margaret Owen received funding from the National Institutes of Health (NIH) to explore how self-regulation affects children’s early school success.
- Dr. Michael Kilgard’s NIH-supported investigations examine possible brain processes involved in autism spectrum disorders.
- Dr. Sandra Chapman’s and Dr. Dan Krawczyk’s NIH-funded research in the Center for BrainHealth looks at the effect of brain injury on children’s cognition and behavior.

The Callier Center for Communication Disorders continues to be a national leader in speech, language and hearing disorder research, in preparation of future clinicians, and in delivery of innovative clinical services. The year’s highlights included publication of groundbreaking findings on long-term outcomes for children with cochlear implants by Dr. Emily Tobey and co-investigators on a national Childhood Development after Cochlear Implantation research team; establishment of the Robert D. Stillman Scholarship to support master’s degree students in communication disorders; and receipt of a major grant from the United Way of Metropolitan Dallas to fund hearing devices for children from families with limited financial resources.

The Center for Vital Longevity was launched with a goal of learning more about the aging mind and figuring out how to maintain and increase its effectiveness. BBS researchers in the center use leading-edge brain-imaging technology to identify people at risk and possibly prevent cognitive decline before symptoms appear. Dr. Denise Park, Distinguished University Chair in Behavioral and Brain Sciences and the center director, is an internationally recognized expert in the field of aging.

The Center for Children and Families sponsored the first Child and Family Forum during the spring semester. It attracted more than 250 participants from the professional and lay community. The day-long forum will become an annual public event focused on promoting optimal child development.
Undergraduate programs offered by the University’s Erik Jonsson School of Engineering and Computer Science emerged in U.S. News & World Report’s annual rankings for the first time last year, placing 60th among the nation’s public schools of engineering. The Jonsson School’s graduate program continued rising through the U.S. News rankings as well, moving up one place in the past year to 46th among public graduate schools of engineering—and maintaining its position as third among publicly funded schools in Texas.

“The rankings clearly demonstrate our efforts are producing tangible results,” said Dr. Mark W. Spong, dean of the Jonsson School and holder of the Lars Magnus Ericsson Chair in Electrical Engineering. “We are dedicated to increasing the scale of the Jonsson School, and we are confident numerous benefits will accrue, including a strong impact on the local economy from the infusion of more research funding. We’re also expanding our ability to provide Texas with more engineers and scientists, and we expect our research to lead to additional collaborations with local industry and the creation of more start-up companies, further benefitting the local economy.”

The school also completed its 10-year strategic plan in 2010. That plan sets forth an ambitious agenda for the next decade, calling for the addition of at least 70 faculty, nearly doubling the student population to 5,000, doubling annual research funding to $60 million and adding more than 300,000 square feet of facilities.

Faculty recruiting efforts during the past year also met with great success. As the fiscal year ended, 10 new faculty arrived at the school, hailing from Georgia Tech, the University of Illinois at Urbana-Champaign and Sandia National Laboratories among other institutions. They include four seasoned researchers who filled endowed chairs, demonstrating both the high caliber of faculty the school is able to attract and the solid philanthropic support that made those chairs possible. The 10 new arrivals expand the school’s expertise in materials science in particular, and they further build the young departments of bioengineering and mechanical engineering.

Erik Jonsson School of Engineering and Computer Science

ecs.utdallas.edu
School of Economic, Political and Policy Sciences

The year brought a change in leadership and a renewed focus on expansion for the School of Economic, Political and Policy Sciences (EPPS).

Dr. James Marquart, one of the nation’s leading experts on prison systems and program head for criminology at UT Dallas, was named dean in March. Marquart leads a school that greatly increased its number of graduate and undergraduate programs in the past few years, enlarging the scope of its research and student opportunities. Most recently, EPPS added a Master of Science degree in justice administration and leadership.

EPPS also is raising its profile through the academic excellence of its students and the research accomplishments of faculty. Geospatial sciences ranked 16th nationally and first in Texas in a recent study of faculty scholarly productivity. For the second year in a row, the UT System Board of Regents selected an EPPS professor to receive one of its prestigious Outstanding Teaching Awards. And a political science student soared above his peers, winning “debater of the year” honors at the National Championship Tournament at University of California–Berkeley.

The year brought a change in leadership and a renewed focus on expansion for the School of Economic, Political and Policy Sciences (EPPS).

Dr. James Marquart, one of the nation’s leading experts on prison systems and program head for criminology at UT Dallas, was named dean in March. Marquart leads a school that greatly increased its number of graduate and undergraduate programs in the past few years, enlarging the scope of its research and student opportunities. Most recently, EPPS added a Master of Science degree in justice administration and leadership.

EPPS also is raising its profile through the academic excellence of its students and the research accomplishments of faculty. Geospatial sciences ranked 16th nationally and first in Texas in a recent study of faculty scholarly productivity. For the second year in a row, the UT System Board of Regents selected an EPPS professor to receive one of its prestigious Outstanding Teaching Awards. And a political science student soared above his peers, winning “debater of the year” honors at the National Championship Tournament at University of California–Berkeley.

EPPS plays an active role in the larger community. The Institute for Urban Policy Research contributed vital data to a Pulitzer Prize-winning series in The Dallas Morning News. EPPS also reached out to the potential criminologists of tomorrow, sponsoring its second annual “CSI” youth camp during the summer.

EPPS’ research centers continued their wide-ranging investigations. The Center for Behavioral and Experimental Economic Science oversaw a few of the most intriguing projects, including a look at important life choices made by Houston high school students, a comparison of donations to private vs. government-funded organizations, and a study of corruption in differing cultures.
In 35 years of preparing UT Dallas students to teach in Texas and beyond, the University’s teacher certification program has readied 3,884 individuals for the teaching profession. The Teacher Development Center, which became part of the School of Interdisciplinary Studies in 1998, focuses on providing Texas public schools with skilled teachers who will shape the future of the state.

Partners Dinner Honors Achievement, Community Support

The School of Interdisciplinary Studies hosted in February its eighth Partners Dinner, a biennial event which recognizes achievements of school alumni, faculty, staff and current students. The event was highlighted by AT&T’s presentation of $220,000 to the UT Dallas Academic Bridge Program (ABP) and College Readiness Initiative (CRI). AT&T’s generosity represents the largest gift in the programs’ histories. The AT&T funding increases the number of students served by the ABP to 20, bringing the program to current capacity. The company’s support of the new CRI provides up to 40 Dallas ISD high school students with an on-campus summer academic program and continued support during the school year so they may complete high school with the goal of pursuing a college education.

Steinem Talk Highlights Gender Studies Lectures

In April 2010, the school’s gender studies program hosted feminist icon Gloria Steinem as the signature speaker of the annual Gender Studies Lecture Series. Steinem spoke to a crowd of more than 900 about the benefits of feminism for men, and then took questions from the audience. The lecture series, co-sponsored by the Cantijn Lighty Galerstein Women’s Center and other campus supporters, invites experts from around the country to address gender issues.

School of Interdisciplinary Studies

Certification Program Celebrates 35 Years

Above: The UT Dallas Teacher Development Center prepares students for certification in early childhood–6, grades 4-8 and grades 8–12.

Above right: Gloria Steinem delivered her thoughts on the benefits of feminism for men to a riveted crowd. Sometimes funny and often poignant, she discussed stereotypes, parent-child relationships, race and self-esteem.

Right: The Eighth Biennial Partners Recognition Dinner honored contributions of interdisciplinary studies students, faculty and staff. Outstanding alumni and community supporters also were recognized.
Nanotech Discovery Holds New Promise for Sonar Uses

UT Dallas researchers found that carbon nanotube sheets excel as underwater sound generators and noise-canceling speakers, two highly desirable traits for submarine sonar and stealth capabilities.

This study from the UT Dallas Alan S. Macdiarmid NanoTech Institute revealed that nanoscience speakers perform as well underwater as they do on land. This discovery could lead to replacement of traditional submarine sonar equipment, and was published in the American Chemical Society’s journal Nano Letters.

Existing sonar technology works by generating sound from an underwater speaker and collecting the sound waves that are reflected back to the sub. But water has an interesting effect on carbon nanotubes: The tiny tubes repel water slightly and form a layer of air along their perimeter. Once energized, the thin, light sheets of nanotubes heat and cool incredibly quickly, producing a pressure wave in the air around the nanotube that our ears and other devices perceive as sound. The findings were part of a research team led by Dr. Ali Aliev, a research scientist at the NanoTech Institute.

UT Dallas-mentored High School Student Awarded Top Prize at International Science Fair

Local high-school student, Amy Chyao, received the top prize at the Intel International Science and Engineering Fair in 2010 after presenting findings on nanoparticles she studied during her time in the NanoExplorer program at UT Dallas.

More than 1,600 high school students from 59 countries competed in 19 categories. Each participant had to win at the local, regional, state and national levels to compete in the Intel competition.

Chyao spent the summer between her freshman and sophomore year in the George A. Jeffrey NanoExplorer program. She conducted research under the mentorship of Dr. Kenneth Balkus, professor of chemistry. Founded by Dr. Ray Baughman, director of the Alan G. MacDiarmid NanoTech Institute, the program hosts more than 30 high school students in labs across campus each summer.

Chyao created semiconducting nanoparticles that, when exposed to certain wavelengths of light, generate a highly reactive form of oxygen that proves deadly to cancer cells.

UT Dallas Student Lands Highly Competitive Grant

Doctoral physics student Jason Dossett BS ’08, MS ’09 earned a U.S. Department of Energy Science Graduate Fellowships. Dossett is studying cosmic acceleration, or the appearance of galaxies speeding up as they move apart. Graduate research fellowships contribute to the University’s external research funding, a benchmark of quality research. Sponsored in part by the American Recovery and Reinvestment Act of 2009, the fellowships are to prepare scientists and engineers for discovery-driven careers that address national concerns such as energy, the environment and national security.

“The fellowship is highly competitive, with only about 80 awarded annually across all fields of science,” said Dr. Myron Salamon, dean of the School of Natural Sciences and Mathematics. “We can be justly proud of such accomplishments.”
School of Management programs and faculty regularly receive high ratings. This year, the Full-Time MBA program ranks among the top 50 nationwide and among the top 25 at public universities, according to U.S. News & World Report. The publication ranks the Professional MBA for evening students at No. 22. Financial Times ranked the Executive MBA in a commanding position—22nd among U.S. public and private schools.

Faculty research contributions have advanced to No. 17 globally and No. 16 in North America, according to The UTD Top 100 Business School Research Rankings.

New Degrees, Significant Growth, Meaningful Support

The school has launched three undergraduate programs in highly sought-after specialties. The BS in marketing program emphasizes quantitative data analysis. The BS in management information systems takes a holistic approach to the systems side of running a company. The BS in global business trains students to work in international environments.

New graduate-degree options are the MS in innovation and entrepreneurship, the MS in systems engineering and management and the Executive MBA emphasizing supply chain management.

Credit-hour enrollment grew 10 percent over last year; the faculty also grew by 10 percent.

Contributions to the annual Scholarship Breakfast—$116,000—more than doubled over 2009. Accounting Professor Adolf Enthoven endowed a distinguished professorship, as did alumnus H. Ronald Nash MS’79 and his wife Susan. Ericsson North America gave a third professorship. Such giving supplies crucial encouragement in the pursuit of business-education excellence.

Strengthening Ties

Fostering outreach programs is important. School of Management relationship-building activities have included:

• A campus-wide contest challenging students to come up with content for an iPhone™ application site-specific for UT Dallas.

• Sponsorship of two forums analyzing the impact of national healthcare reform.

• Partnering with Dongguk University in Seoul to offer exchange-student study opportunities.

Dr. Adolf J.H. Enthoven has written extensively on the subject of international accounting and has also established oil and gas financial management programs for developing countries.
Based upon the results of the internal 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, 2010, 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.

### Statement of Revenues, Expenses and Changes in Net Assets
As of Fiscal Year Ends 2009 and 2010

<table>
<thead>
<tr>
<th>FY 2010</th>
<th>FY 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revenue</strong></td>
<td></td>
</tr>
<tr>
<td>371,757,634</td>
<td>288,088,390</td>
</tr>
<tr>
<td><strong>Operating Expenses</strong></td>
<td></td>
</tr>
<tr>
<td>340,409,002</td>
<td>291,214,276</td>
</tr>
<tr>
<td><strong>Increase (Decrease) in Fair Value of Investments</strong></td>
<td></td>
</tr>
<tr>
<td>20,641,404</td>
<td>(71,145,987)</td>
</tr>
<tr>
<td><strong>Other Nonoperating Revenue (Expense) Net</strong></td>
<td></td>
</tr>
<tr>
<td>(576,413)</td>
<td>(801,543)</td>
</tr>
<tr>
<td><strong>Transfers From UT System and Other Institutions</strong></td>
<td></td>
</tr>
<tr>
<td>70,440,860</td>
<td>52,121,133</td>
</tr>
<tr>
<td><strong>Change in Net Assets</strong></td>
<td></td>
</tr>
<tr>
<td>121,854,483</td>
<td>22,952,283</td>
</tr>
<tr>
<td><strong>Beginning Net Assets</strong></td>
<td></td>
</tr>
<tr>
<td>782,293,023</td>
<td>805,245,306</td>
</tr>
<tr>
<td><strong>Ending Net Assets</strong></td>
<td></td>
</tr>
<tr>
<td>904,147,506</td>
<td>782,293,023</td>
</tr>
</tbody>
</table>

**Sources and Uses of Funds**

<table>
<thead>
<tr>
<th><strong>Fiscal Year 2010 (In Millions)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revenue</strong></td>
</tr>
<tr>
<td><strong>Operating Expenses</strong></td>
</tr>
<tr>
<td><strong>Increase (Decrease) in Fair Value of Investments</strong></td>
</tr>
<tr>
<td><strong>Other Nonoperating Revenue (Expense) Net</strong></td>
</tr>
<tr>
<td><strong>Transfers From UT System and Other Institutions</strong></td>
</tr>
<tr>
<td><strong>Change in Net Assets</strong></td>
</tr>
<tr>
<td><strong>Beginning Net Assets</strong></td>
</tr>
<tr>
<td><strong>Ending Net Assets</strong></td>
</tr>
</tbody>
</table>

Based upon the results of the internal 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, 2010, 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**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>David E. Daniel</td>
<td>President</td>
<td>972.883.2201</td>
</tr>
<tr>
<td>B. Hobson Wildenthal</td>
<td>Executive Vice President and Provost</td>
<td>972.883.2271</td>
</tr>
<tr>
<td>Calvin D. Jamison</td>
<td>Senior Vice President for Business Affairs</td>
<td>972.883.2213</td>
</tr>
<tr>
<td>Aaron Canley</td>
<td>Vice President for Development and Alumni Relations</td>
<td>972.883.6351</td>
</tr>
<tr>
<td>James B. Siry</td>
<td>Vice President and Chief Information Officer</td>
<td>972.883.6800</td>
</tr>
<tr>
<td>Bruce E. Strade</td>
<td>Vice President for Research</td>
<td>972.883.6270</td>
</tr>
<tr>
<td>Darylone D. Rachwaneg</td>
<td>Vice President for Student Affairs</td>
<td>972.883.4234</td>
</tr>
<tr>
<td>Amanda B. Reinecke</td>
<td>Vice President for Public Affairs</td>
<td>972.883.2358</td>
</tr>
<tr>
<td>Susan A. Rogers</td>
<td>Vice President for Communications</td>
<td>972.883.6326</td>
</tr>
<tr>
<td>Mapyol Spector</td>
<td>Vice President for Diversity and Community Engagement</td>
<td>972.883.6656</td>
</tr>
</tbody>
</table>

**Deans**

<table>
<thead>
<tr>
<th>Name</th>
<th>College</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dennis M. Kratz</td>
<td>Arts and Humanities</td>
<td>972.883.3768</td>
</tr>
<tr>
<td>Bert S. Moore</td>
<td>Behavioral and Brain Sciences</td>
<td>972.883.2295</td>
</tr>
<tr>
<td>James W. Marquart</td>
<td>Economic, Political and Policy Sciences</td>
<td>972.883.6548</td>
</tr>
<tr>
<td>Mark W. Spang</td>
<td>Erik Jonsson School of Engineering and Computer Science</td>
<td>972.883.2976</td>
</tr>
<tr>
<td>Austin J. Cunningham</td>
<td>Graduate Studies</td>
<td>972.883.2236</td>
</tr>
<tr>
<td>Georgia W. Fair</td>
<td>Interdisciplinary Studies</td>
<td>972.883.2290</td>
</tr>
<tr>
<td>Houston Pirkal</td>
<td>Management</td>
<td>972.883.6813</td>
</tr>
<tr>
<td>Myron B. Salamon</td>
<td>Natural Sciences and Mathematics</td>
<td>972.883.3147</td>
</tr>
<tr>
<td>Gene Finch</td>
<td>Students</td>
<td>972.883.6391</td>
</tr>
<tr>
<td>Sheila Aron Gutiérrez de Piñeres</td>
<td>Undergraduate Education</td>
<td>972.883.6716</td>
</tr>
</tbody>
</table>