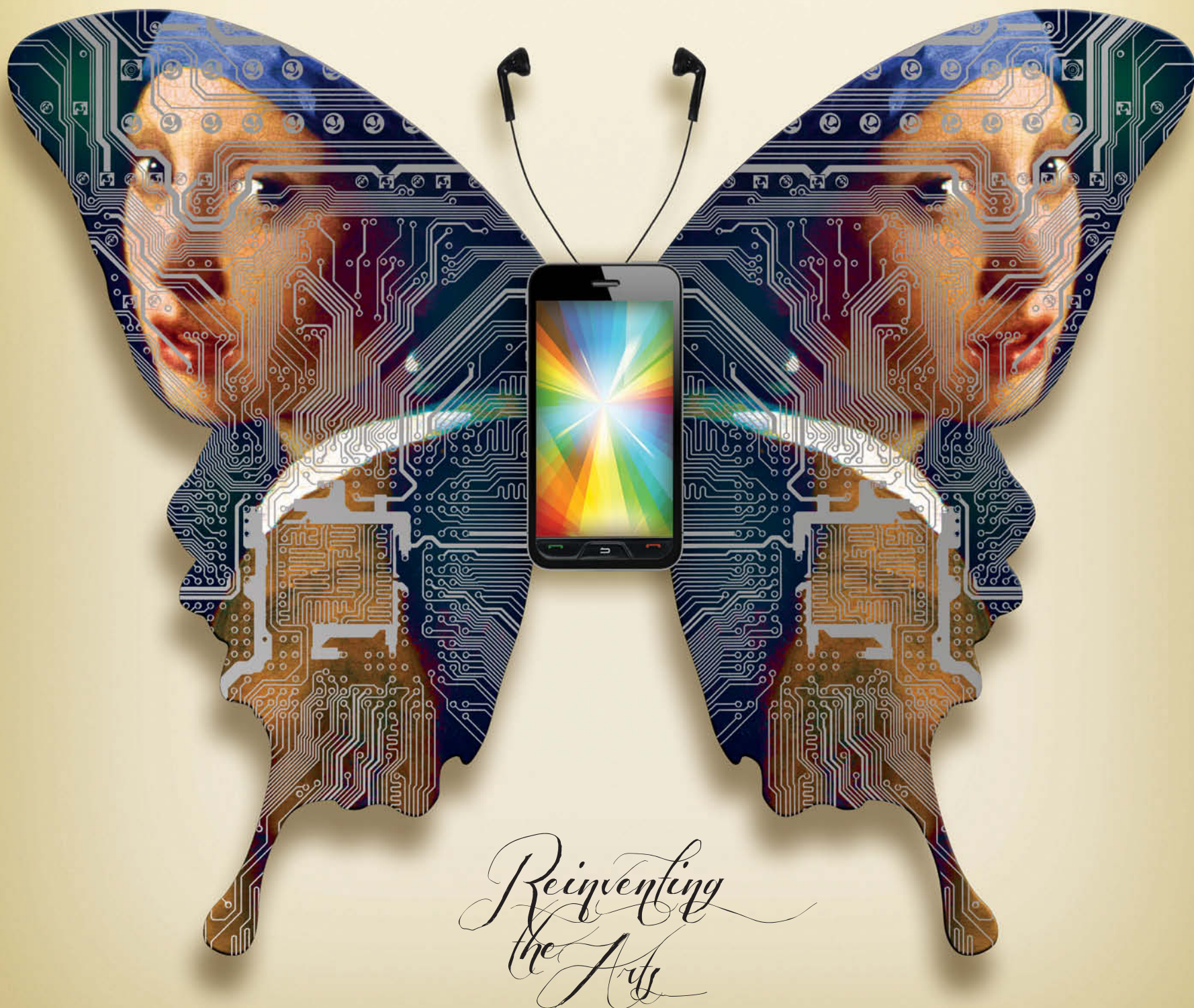


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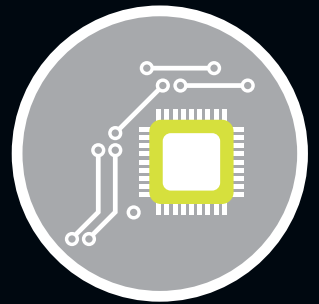
M A G A Z I N E



*Reinventing
the Arts*



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ECS25



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UTDALLAS
MAGAZINE

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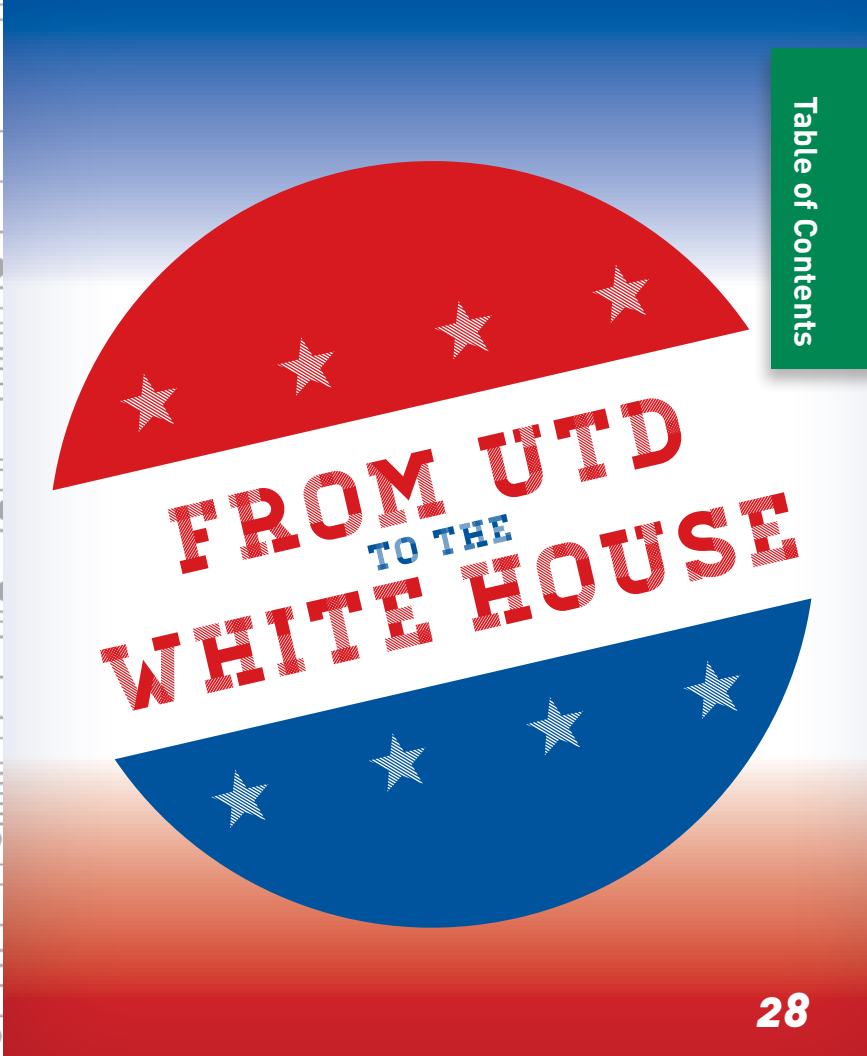
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FEATURES

TWO COACHES, TWO TEAMS— ONE SUCCESSFUL SOCCER PROGRAM

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Jack Peel and John Antonisse, who lead the men's and women's soccer teams, are the longest-serving coaches for the Comets. Joining the University's fledgling athletic program in the '90s, they started racking up victories and bringing home championship hardware, putting together a remarkable record of 27 consecutive winning seasons combined.

ECS25: A RETROSPECTIVE

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When the Erik Jonsson School of Engineering and Computer Science was established in 1985, it fulfilled a goal of the University's founders to meet the demand for more engineers. The early challenges and present-day accomplishments of the Jonsson School were explored during the observance of its 25th anniversary.

REINVENTING THE ARTS

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What do you get when you put an animator, a physicist and a painter together? The answer may never be known. But Dr. Dennis Kratz, dean of the thriving School of Arts and Humanities, is pushing his band of creative faculty to find out. The collaborations among different disciplines sparked new courses that attract scientists and engineers as well as artists.

FROM UTD TO THE WHITE HOUSE ALUMNI PERSPECTIVE: DERRICK MORGAN

28

Derrick Morgan BA'99, girded with College Republicans leadership experience and a UTD degree, carved out a public service career that has taken him to some of the most influential offices in Washington, D.C.

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ON THE COVER

The painting *Girl with a Pearl Earring* by Johannes Vermeer is layered by images of circuitry and anchored by a smart-phone—a representation of the interdisciplinary programs that foster collaboration at the intersection of arts and humanities, science and engineering.



LETTERS TO THE EDITORS

FAN MAIL FOR WINTER ISSUE ...

Congratulations for another wonderfully presented magazine. It came in the morning mail. I enjoyed seeing pictures of [Polykarp] Kusch, Rod Heelis, Ray Baughman and especially of Donna McCormick and Dr. [Bryce] Jordan again.

Marjorie D. Renfrow
Graduate Counselor
and Student Coordinator, Retired
UTD Physics Department

I just got my copy of the winter edition and read it cover to cover. Excellent job and very fun to read.

Kim Quirk
Dallas

I just felt that I had to express both how extremely impressed I am with all of the new UT Dallas material and how happy I am with our alumni updates! For one, I really like *The Link* publication that gets sent to us via email. It is nice to have a quick one-pager that is very, very reader friendly and still keeps us informed. I feel that those emails, along with everything I see from my Comet friends and the official UT Dallas pages I follow on Facebook, keep me well apprised of current events occurring back at my UTD home.

In fact, and this is a guilty confession, I haven't felt the need to check the UT Dallas webpage because I have received such a steady flow of information. Today, however, I decided to

take a peek and I was blown away at how different and beautiful the new homepage looks! I love how all of the pages have a beautiful continuity of bright, fun colors (as opposed to the more dull colors that used to fill our website), and how each page is very easy to read. My mother also commented on the *UT Dallas Magazine* that we received at home and how professional, informative, and fun it was! I feel like these amazing PR initiatives, along with our increasingly beautiful campus, are helping us prove to the world that we truly are a Tier 1 school!

I just really wanted to say thank you for making me so proud to be an alumna of UTD!

Dina Shahrokhi BA'11
Damascus, Syria

Editor's Note: Upon graduation, Dina was automatically subscribed to *The Link*, the electronically delivered alumni newsletter. You can receive *The Link* too by sending an email to alumnilink-request@utdallas.edu with "subscribe" as the subject. If you haven't visited the UTD website recently, see our new look at utdallas.edu. While you're there, explore the social media directory for opportunities to receive up-to-the-minute campus information through Facebook, Twitter and YouTube (utdallas.edu/social).

Just wanted to thank you so much [for the Winter 2012 *UT Dallas Magazine*]. I know that it takes an awful lot of work to put these things together and you guys did a great job.

Don Eggspuehler
Richardson, Texas

COVER AWARD

The Spring 2011 cover of *UT Dallas Magazine* earned a gold award from the Council for the Advancement and Support of Education (CASE), Southwest District IV. The cover was designed by Creative Director LeeDon Moore and Graphic Designer Darby Scebold. CASE, an organization for professionals in alumni relations, marketing, communications and development, represents more than 3,400 educational entities in 74 countries. District IV is made up of more than 260 member organizations from Arkansas, Louisiana, Mexico, New Mexico, Oklahoma and Texas.



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Write to Us!

UT Dallas Magazine welcomes letters that focus on issues of concern and interest to the University and its alumni and the University community. Send letters to: UT Dallas Magazine, AD28, 800 West Campbell Road, Richardson, TX 75080-3021. Brevity is the soul of wit: short letters are most likely to be published, and all submissions may be edited for length or clarity. Opinions expressed will be those of the named contributor (who should include contact information such as phone number, email address and/or mailing address.) Let us hear from you!



CONTRIBUTORS



LaKisha Ladson

LaKisha Ladson, who joined the Office of Communications in 2011, promotes the Erik Jonsson School of Computer Science and Engineering to the outside community, including the many events that recently marked the school's 25th anniversary. Previously, Ladson spent four years writing for UT Southwestern Medical Center and more than six at *The Dallas Morning News*. She is a magna cum laude graduate of UT Arlington, where she earned BA degrees in both journalism and psychology.



Derrick Morgan BA'99

Derrick Morgan of Falls Church, Va., received a Bachelor of Arts degree in government and politics in 1999, followed by a degree from the Georgetown University Law Center. Now serving as chief of staff to Dr. Edwin Feulner, president of The Heritage Foundation, Derrick previously worked for several government officials, including a congressman, three senators, a federal judge and Vice President Richard B. Cheney at the White House. At UTD, he was active in College Republicans and helped a classmate run for president of Student Government.



Gaile Robinson

Gaile Robinson is an art critic and arts writer based in Fort Worth, Texas. She graduated from UT Austin only because UT Dallas did not have an arts program at the time. Having written about the School of Arts and Humanities for this issue of the magazine, she is quite sure she would have liked this program more and been a much better student.

ON CAMPUS



UTD students met on campus with sophomores from Williams High School in Plano. The college students serve as mentors.

Students Mentor At-Risk High School Sophomores

Deborah Hernandez quit high school and worked minimum wage jobs before she realized pursuing an education was the key to her success.

Now a junior majoring in public affairs, Hernandez mentors teens at risk of dropping out of high school. She hopes imparting her life experiences will help them realize they can pursue their educational goals despite life's obstacles.

"Regardless of circumstances, they can accomplish whatever it is they set," Hernandez said. "I was told when I quit school that I would not make it. And here I am."

Hernandez is among 18 UT Dallas students who are mentoring 58 sophomores from Williams High School in Plano as part of a program led by the School of Economic, Political and Policy Sciences (EPPS).

The Home Builders Institute (HBI) in Washington, D.C., awarded EPPS a \$67,000 grant to run the program, which is called HBI Construction—Coaching Opportunities to Reach Employment. Nationally, the program aims to match 5,000 youths with more than 1,600 industry mentors. UT Dallas is the only university of the more than 30 participating sites nationwide.

Dr. Sarah Maxwell, an assistant dean for undergraduate education in EPPS, Dr. Nadine Connell, an assistant professor of criminology, and Stephen Clipper, a criminology program graduate assistant, are overseeing the program at UTD.

-Marissa Alanis

Team Prescribes Best Medicine

Hard-nosed economics and ethical judgment calls helped a team of Naveen Jindal School of Management students win a case competition that asked competitors to distribute \$500 million in make-believe money throughout a hypothetical hospital system.

The team of graduate students tied for first place and earned \$3,000 in the second annual contest sponsored by the North Texas chapter of the American College of Healthcare Executives.

The competition had firm footing in real life, said JSOM team captain Raj Shah. "With the economy in crisis and health care so expensive, hospital systems are finding it difficult to determine who should get funds first and who should wait."

Shah is both an MBA and an MS in healthcare management student—and also co-president of the JSOM-based campus Healthcare Management Club.

His teammates also are active in the club. Co-president Richa Singh and membership chairman Archana Subhash are working toward their MS in healthcare management degrees. Carson Marston is an MBA student.

In a 20-page paper and in-person presentation, the foursome recommended that all system hospitals follow an asset-management strategy.

"They took advantage of what they have learned in the classroom; they networked; and they optimized their resources," said Dr. Forney Fleming, director of the MS in healthcare management program. "Their success is a reflection of their hard work and demonstrates the high quality of students in our program."

-Kris Imherr



Raj Shah, Archana Subhash, Dr. Forney Fleming, Carson Marston and Richa Singh.

WHOOSH!

Senior **Richard Stees** and junior **Michelle Nirumandrad** won the **Southwest Regional Moot Court Tournament** in Lubbock last fall and subsequently received a bid to the national championships at **Chapman Law School** in Los Angeles.

The “**Drinks by the Pool**” program, created by the **Student Wellness Center and Recreational Sports** to educate students about laws and health concerns associated with drug and alcohol use, was named the top national educational program in July 2011 by the **National Residence Hall Honorary**.

The **Department of Science/Mathematics Education** received a \$673,000 grant from the **Texas Higher Education Coordinating Board** for a program that helps prepare and support top-notch science and math teachers in traditionally underserved areas.

University Celebrates Boys’ Generosity

The University hosted a special birthday party for two young boys who used their own birthday bash to raise money for speech-language services at the Callier Center for Communication Disorders.



Garrett and Grant Robbins enjoy birthday cupcakes at Callier Center Richardson.

Grant and Garrett Robbins asked their friends to make donations to Callier, in lieu of gifts, at their birthday pool party. Grant, 8, Garrett, 6, and little brother Gavin, 2, have worked with speech-language pathologists from Callier and the School of Behavioral and Brain Sciences for several years.

The boys’ friends donated close to \$400, which was then matched by Renee and Greg Robbins, their parents. When the family visited Callier’s Richardson facility to drop off the donation, they were greeted by *Star Wars* cupcakes, an enthusiastic rendition of “Happy Birthday” and a visit from UTD President David E. Daniel.

“The Callier team has always been there for us, reassuring us that we would get through this, and our boys would be fine,” Mrs. Robbins said.

During the celebration, the boys got to see what their generosity purchased: two new iPads for Callier speech pathologists. The devices will offer new ways to engage and treat young patients.

-Emily Martinez



From left: Callier Center Executive Director Dr. Thomas Campbell, Dr. David E. Daniel and Renee and Greg Robbins with sons, Garrett, Gavin and Grant.

Award-Winning Chemist Leads Sciences School

Dr. Bruce M. Novak, former head of the Department of Chemistry at North Carolina State University, was named the new dean of the School of Natural Sciences and Mathematics. He started his new post in September.

“I am thrilled to be chosen for this position and to be part of an institution that is rising above the ranks,” Novak said. “I think UT Dallas has what it takes, in terms of attitude and inspiration from the very top, to become a nationally renowned research institution.”

Novak said teaching is his great passion.

“There are few times in life when you can truly have an impact on someone, and I find teaching to be an incredibly rewarding experience,” Novak said. “I believe very strongly in the university



Dr. Bruce Novak

system. Over the last millennia, modern universities have played a pivotal role in the progress of human understanding of the world around us.”

He began his teaching career at the University of California, Berkeley, where he earned a DuPont Young Investigator Award twice, an Alfred P. Sloan Research Fellowship, a National Science Foundation Presidential Young Investigator Award and an NSF Presidential Faculty Fellowship.

In 1993, he joined the University of Massachusetts in the Department of Polymer Science and Engineering before moving in 1998 to North Carolina State University, where he was a Distinguished University Professor. During his time in Massachusetts, Novak was awarded the ACS Carl S. Marvel Creative Polymer Chemistry Award.

Novak’s research program involves polymer research and currently encompasses projects in materials chemistry, including macromolecular chirality, optical switches and molecular machines.

-Katherine Morales



During a pep rally leading up to the Final Four, chess team members Daniel Gater (foreground), Salvijus Bercys (center) and Cristian Chirila (right) took turns playing at Chess Plaza.

UT Dallas Takes 2nd Place in Chess Final Four, Wins Pan-Am



Conrad Holt prepped for the Final Four at the Grandmaster Chess Invitational underwritten by Turner Construction, where he qualified to become a Grandmaster.

Conrad Holt, a freshman Grandmaster, found himself leaning over the chessboard with time expiring on the clock. His back was against the wall: If he won, so did the team.

Holt picked up a piece and set it down sharply; his opponent parried back. After a pause, both players examined the pieces one last time and then shook hands wordlessly. It was a draw, and the tie gave Texas Tech the half-point it needed to win the tournament.

UT Dallas fought hard but came up short in its quest for the national chess title, finishing second in the Final Four of Chess to the cross-state rival.

"Conrad has been our MVP of the year. He has been incredible. He played a very tough opponent.

The endgame was hard because time was running out," said UT Dallas coach Rade Milovanovic.

The teams met in Washington, D.C., for the tournament, which determines who holds the top spot in collegiate chess. The other teams on the roster were New York University and the University of Maryland, Baltimore County (UMBC).

For three rounds, players sat at boards for up to four hours considering the best moves. Coaches and visiting chess experts sat in other rooms debating the best play options. UT Dallas finished as runner-up for the second consecutive year.

"This year was a lot like last year. We lost by half a point, but we went undefeated in the Pan-American tournament, which got us to the final four. We had a good year, and I'm very proud of our team," said Jim Stallings, the UT Dallas chess program director.

Known as "The World Series of Chess," the Pan-American Intercollegiate Team Chess Championship began in 1946 and is one of the oldest collegiate chess competitions in the United States. The UT Dallas team was undefeated throughout the tournament for the second consecutive year. It was the ninth time the team has won the championship or tied for first since 2000.

-Chaz Lilly



Students Timothy Young Jr., Frederick Owusu and Peris June Nganga dined with residents of a retirement facility in Wichita, Kan.

Comets Give Time, Energy During Spring Break

When students hit the road for spring break, many have plans for rest and relaxation.

But a group of about 80 students opted for an Alternative Spring Break instead—an experience that sometimes includes hard labor and always involves service and community outreach.

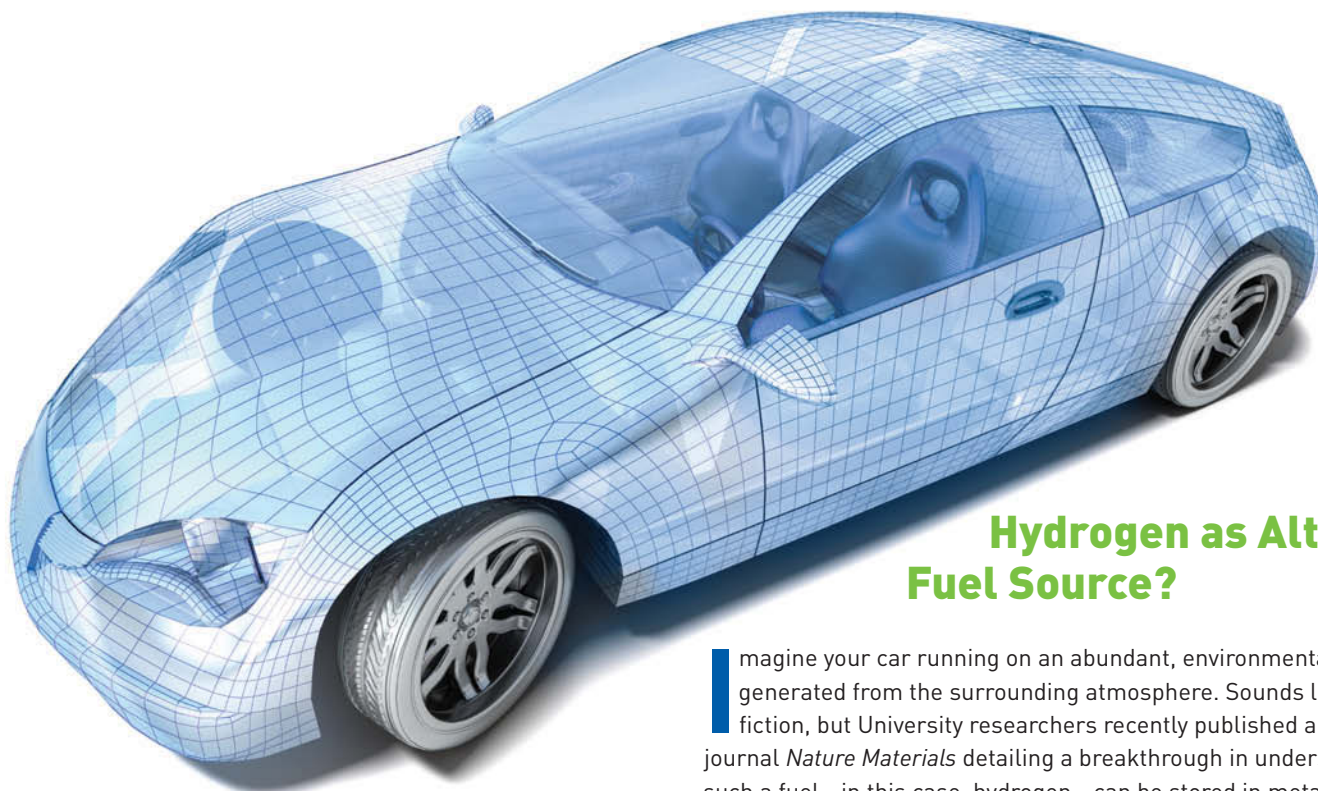
Students and a staff advisor participated in 10 trips this March ranging from disaster relief to immigration awareness to educational mentoring. Each journey was designed with a particular social issue in mind. Recreational activities were included on some agendas, but the primary focus was service. The students performed about 40 hours of community outreach during the week.

Katie Walser, a senior historical studies major in the School of Arts and Humanities, has participated in the program since her freshman year. She was the co-site leader for a group working on sustainability projects in Elm Mott, Texas.

"I learned sustainable techniques for farming, which is something that I haven't had much experience with and it's so different from my life as a college student," Walser said. "I participate in Alternative Spring Break partly for the learning aspect and partly for the service. I've been really blessed. And if I can give my time to spread the wealth, well, that's something I want to do as much as I can."

-Jenni Hufferberger

FROM THE LAB



Hydrogen as Alternative Fuel Source?

Imagine your car running on an abundant, environmentally friendly fuel generated from the surrounding atmosphere. Sounds like science fiction, but University researchers recently published a paper in the journal *Nature Materials* detailing a breakthrough in understanding how such a fuel—in this case, hydrogen—can be stored in metals.

“Hydrogen, which is in abundance all around us, has shown a lot of promise as an alternative fuel source in recent years,” said graduate student Irinder Singh Chopra. “Moreover, it’s environmentally friendly as it gives off only water after combustion.”

Chopra is part of a collaborative effort among UT Dallas, Washington State University and Brookhaven National Laboratory to find ways to store hydrogen for use as an alternative fuel.

Hydrogen has potential for use as an everyday fuel, but the problem of safely storing this highly flammable, colorless gas is a technological hurdle that has kept it from being a viable option.

“We investigated a certain class of materials called complex metal hydrides [aluminum-based hydrides] in the hope of finding cheaper and more effective means of activating hydrogen,” Chopra said.

Chopra discovered that the key to unlocking aluminum’s potential is to impregnate its surface with trace amounts of titanium that can catalyze the separation of molecular hydrogen.

For use as a fuel-storage device, aluminum could be made to release its store of hydrogen by raising its temperature slightly. This system presents a method for storing and releasing hydrogen at lower temperatures than what is currently available, which is critical for safe day-to-day applications.

—KM

WHOOSH!

Dr. Thomas Campbell, executive director of the School of Behavioral and Brain Sciences' Callier Center for Communication Disorders, was honored for his long record of research and academic achievement during last fall's Alumni Masters Week at the **University of Nebraska**.

UT Dallas scientists received a **Group Achievement Award** from **NASA** for their study of the Earth's upper atmosphere. The project studied the role of ion-neutral interactions within small-and large-scale electric fields.

Junior **Shaheena Ramzen**, a transfer student from Collin College and Texas Woman's University, was among 12 collegians from the DFW area chosen to attend the **National Institute for the Study of Transfer Students** annual conference in January.

UT Dallas researchers in the **Erik Jonsson School of Engineering and Computer Science** have been awarded more than \$2.8 million in three grants for cancer research from the **Cancer Prevention and Research Institute of Texas**.

Urban Policy Report Examines Quality of Life for Area Children

The University's Institute of Urban Policy Research compiled a report that examines the quality of life of area children.

The report was produced for Children's Medical Center.

Beyond ABC 2011: Assessing Children's Health in Dallas County showed that nearly 30 percent of children in the county are living in poverty.

Dr. Timothy Bray, head of the Institute, was one of several panelists who discussed the findings during a symposium in November moderated by KDFW Fox 4 news anchor Clarice Tinsley at Children's Medical Center.

"This is without a doubt the most pressing issue that our county faces," Bray told the crowd. "It is the future of our youth, our children, our tomorrow. They are tomorrow's doctors, they are tomorrow's teachers, they are tomorrow's firefighters and police officers. And if they're not healthy, they're not going to reach that goal."

The report's advisory board established 61 indicators for the Institute to evaluate. The Institute relied on data mainly from secondary sources, including Children's Medical Center, the U.S. Census Bureau and the Texas Department of State Health Statistics.

Institute research associates Rubana Ahmed, Robert C. Chalwell Jr. and Danny Pacheco assisted with data collection under the supervision of senior research associate Anthony Galvan.

-MA



Beyond ABC 2011: Assessing Children's Health in Dallas County examines the quality of life of area children.

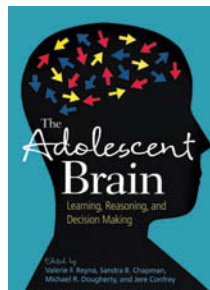
Key Findings

- Nearly 30 percent of children in Dallas County are living in poverty.
- Nearly 18 percent of Dallas County children had no private or governmental health insurance in 2010, which is an improvement from previous years. The nation's estimated average is 8 percent.
- More than a quarter of a million Dallas County children were on Medicaid last year, and nearly 60,000 were on the Children's Health Insurance Program (CHIP).
- Four of seven children who go to Children's Medical Center need some type of financial assistance.
- In 2010, there were nearly 5,600 confirmed cases of child abuse or neglect in Dallas County—a 39 percent increase since 2000. From 2000 to 2010, 210 children died of abuse or neglect in Dallas County—17 of them last year alone.

New Book Looks at Changes in Adolescent Brain

Dr. Sandra Chapman was part of an interdisciplinary team that wrote and edited a new book, *The Adolescent Brain: Learning, Reasoning and Decision Making*.

A teenage brain undergoes big changes and does not look or function like an adult brain until well into a person's 20s. *The Adolescent Brain* highlights recent neuroscience discoveries related to how the brain develops and the implications for real-world problems. The book discusses how to teach and prepare young people to make healthy life choices.



"The adolescent brain is at a developmental crossroad," said Chapman, chief director of the University's Center for BrainHealth. "The immature stage of the frontal lobe development makes weighted decision making very fragile and undependable; rational judgment is unfolding and dangerous choices are real options."

The collaborative team included Valerie Reyna, professor and co-director of Cornell's Center for Behavioral Economics and Decision Research; Michael Dougherty, professor of psychology at the University of Maryland; and Jere Confrey, professor of mathematics education at North Carolina State University.

The book is intended for researchers, students and professionals in the fields of cognitive neuroscience and psychology and for education policymakers and educators, especially in mathematics.

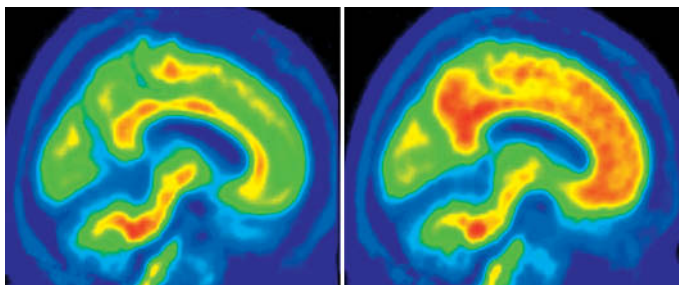
-Shelly Kirkland

Drs. Paul Battaglio and Doug Goodman, associate professors of public affairs, received the *American Review of Public Administration's* Best Article Award for their article, "State Government Human Resource Professionals' Commitment to Employment At Will."

Dr. Hongbing Lu, holder of the Louis Beecherl Jr. Chair in the Erik Jonsson School of Engineering and Computer Science, is a member of a multi-university research project aimed at gauging the damaging effects of the soil ejected by buried landmines and improvised explosive devices.

U.S. Rep. Sam Johnson recently toured the Richardson clinic for the **Callier Center for Communication Disorders** to learn more about nationally ranked programs for people with hearing impairments and speech difficulties.

Zipcar, the car-sharing network that started at UTD in late August with a two-car fleet, has now grown to five.



Brain scans of healthy adults showing low (left) and high (right) levels of beta-amyloid protein.

Marker for Alzheimer's Disease Affects Healthy Brains

Researchers at the Center for Vital Longevity (CVL), along with collaborators at UT Southwestern Medical Center, report that high levels of beta-amyloid—a protein whose toxic buildup in the brain is a diagnostic marker for Alzheimer's disease—may affect brain performance even in healthy adults.

In the study, published in the journal *Neurology*, researchers measured levels of the protein in the brains of 137 healthy adults ages 30 to 89. The study found that the amount of beta-amyloid in people's brains increased with age and that about 20 percent of adults age 60 and older had significantly elevated levels of the protein.

"This high-amyloid group showed deficits in cognitive performance even though the individuals were well-educated and scored normally on our standard tests of cognition," said Dr. Karen Rodrigue, a postdoctoral fellow at CVL and lead author of the study. On tests of processing speed, working

memory and reasoning ability—three major aspects of cognition—higher levels of beta-amyloid correlated with lower test scores.

"Our findings suggest that subtle effects on cognition occur early," said principal investigator Dr. Denise Park, CVL co-director. "These are important findings because imaging patients when they first show signs of very mild cognitive impairment could be essential to determining their risk of future disease."



Dr. Denise Park

Long-term follow-up studies led by Park as part of the Dallas Lifespan Brain Study, one of the nation's largest projects examining neural and cognitive aging across the entire adult lifespan, are already under way to help researchers determine whether high beta-amyloid burdens in healthy people predetermine Alzheimer's disease later in life.

-Tara Marathe



Professor Studying 'Glass Ceiling' Gender Issues

A new UT Dallas study is examining whether an increase in the number of women in the corporate executive ranks has led to greater gender diversity in all levels of business.



Dr. Sheryl Skaggs

Dr. Sheryl Skaggs, associate program head for sociology in the School of Economic, Political and Policy Sciences, landed a \$59,000 grant from the National Science Foundation to review gender and employment data from several sources. "Surprisingly, there has not been much research on how women at lower levels of a company are affected by women rising into the executive ranks or joining boards of directors," Skaggs said. "We're now looking at the 'trickle-down effect' of these changes."

Skaggs and her research team speculate that increased gender diversity within top decision-making roles has both created opportunities for women at high, middle and low corporate levels and reduced workplace sex segregation. The team will also consider how internal corporate policies and external constraints might influence gender diversity in businesses.

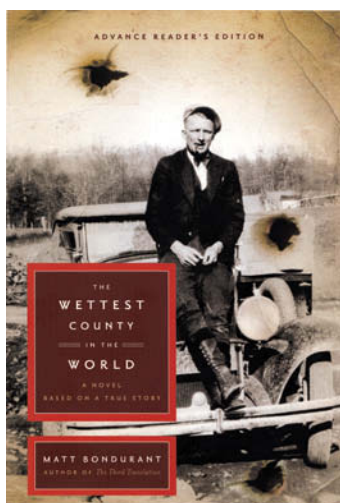
The findings could have far-reaching implications for the management of an increasingly diverse workforce, and for government and corporate policy development.

Skaggs said she hopes to extend her research to eventually include qualitative investigations. Her goal is to interview individual employees and get a more in-depth understanding of how they perceive women's role in mentoring.

-EM

ARTS AND CULTURE

Film Based on Prof's Second Book Set for Release; Third Novel Published



The Wettest County in the World, a novel set in Prohibition-era Virginia, is inspired by Matt Bondurant's grandfather and great-uncles.

Dr. Matt Bondurant's 2008 book, *The Wettest County in the World*, is about to make the leap to the big screen this summer with an all-star cast.

The story is set in Prohibition-era Virginia and is inspired by Bondurant's grandfather and great-uncles, the Bondurant Boys, who ran moonshine during the Great Depression. Forrest, the middle brother, is fierce but also the consummate businessman. Howard, the oldest brother, is besieged by the horrors he witnessed in the Great War. Jack, the youngest, has a taste for

luxury and a dream to get out of Franklin County, Va.

The men struggle to keep their illegal business afloat in the face of the Great Depression and a drought.

"I have a feeling it's going to be a good film, and I'm excited to see it. It's pretty bizarre because they're using the same names, so my grandfather is going to be up there on the screen. It's a very surreal experience," Bondurant said.

The movie, titled *Lawless*, will star Shia LaBeouf, Tom Hardy, Jason Clarke, Guy Pearce, Jessica Chastain, Gary Oldman and Mia Wasikowska. It is directed by John Hillcoat, who also directed *The Road*, and is set for release in August.

While awaiting the movie premiere, Bondurant, assistant professor of creative writing and literature, published his third novel.

The Night Swimmer is set in a small town on the southern coast of Ireland, an isolated place frequented only by fishermen and the occasional group of bird-watchers. Fred and Elly Bulkington, newly arrived from Vermont after winning a pub in a contest,

encounter a wild, strange land shaped by the pounding storms of the North Atlantic, as well as the native resistance to strangers.

As Fred revels in the life of a new pub owner, Elly ferries to a nearby island where the locals refer to anyone not born there as a "blow-in." To the disbelief of the islanders, Elly pushes herself through her devotion to open-water swimming. In

the process, she crosses unseen boundaries that drive her into the heart of the island's troubles—the mysterious tragedy that shrouds its inhabitants and the dangerous feud between an enigmatic farmer and a powerful clan that has no use for outsiders.

In researching his latest book, Bondurant competed in the Beginish Island Swim, a four-mile race around an island just off the western coast of Ireland.

"I was a competitive swimmer in my youth and water polo player in college, and over the last 15 years I've been an itinerant triathlete and Masters swimmer," said Bondurant. "During the swim I got my goggles knocked off by a wave, climbed through heavy seaweed, got lost, nearly puked, and had a few run-ins with some aquatic wildlife. It was a chaotic, exhilarating, occasionally terrifying, and overall extremely satisfying experience."

Bondurant took second place in the wetsuit division, swimming the four miles in one hour and 34 minutes.

-CL



Lawless, the film based on Bondurant's novel, stars Jason Clarke as Howard, Tom Hardy as Forrest and Shia LaBeouf as Jack. The film is slated for release in August.

Richard Foreman Jr., SMPSP

WHOOSH!

With one intricately choreographed, toe-tapping performance, the **Filipino Student Association (FSA)** danced its way into the hearts of hundreds of friends and fans—and on to a first-place victory in modern dance—at the 2011 GoodPhil Games.

Elizabeth Organ, a senior economics major, landed a competitive one-year internship in the Division of Insurance and Research at the **Federal Deposit Insurance Corp.** in Dallas.

Two award-winning choreographers from Berlin, **Birgitt Bodingbauer** and **Simone Grindel**, came to UT Dallas for an extended residency that culminated in final dance performances titled *V.I.P.*

Police Chief Larry Zacharias received one of two inaugural **Chief of Police of the Year** awards from UT System Director of Police Michael J. Heidingsfield.

Composition Inspired by Children's Book Makes Its World Premiere

The children's book *The Dot and the Line: A Romance in Lower Mathematics* details the story of "a sensible straight Line" who is "hopelessly in love" with a Dot. The Dot, meanwhile, "only has eyes for a wild and unkempt Squiggle." The Line learns to bend in new and dazzling ways and, in doing so, triumphs.



Robert Xavier Rodríguez

Robert Xavier Rodríguez, an internationally renowned composer and professor of music at UT Dallas, debuted an original composition based on author Norton Juster's book at the Meyerson Symphony Center on March 25.

The piece came as part of the program *Stories in Music with Jamie Bernstein*. Bernstein, daughter of legendary composer and conductor Leonard Bernstein, joined the Dallas Symphony Orchestra to narrate classic tales by Juster, as well as favorite numbers from *West Side Story* and *Candide*.

Rodríguez' composition represents the three characters: quick, repeated notes for The Dot; scales or glissandos for The Line; and a primitive, repetitive motive accompanied by dissonant clusters for The Squiggle. The percussion writing is colorful, including such nontraditional sounds as ratchet, slide whistle, siren, flexatone, police whistle, whip, cowbells and a lion's roar.

The piece was commissioned jointly by the Dallas Symphony Orchestra and Carnegie Hall.

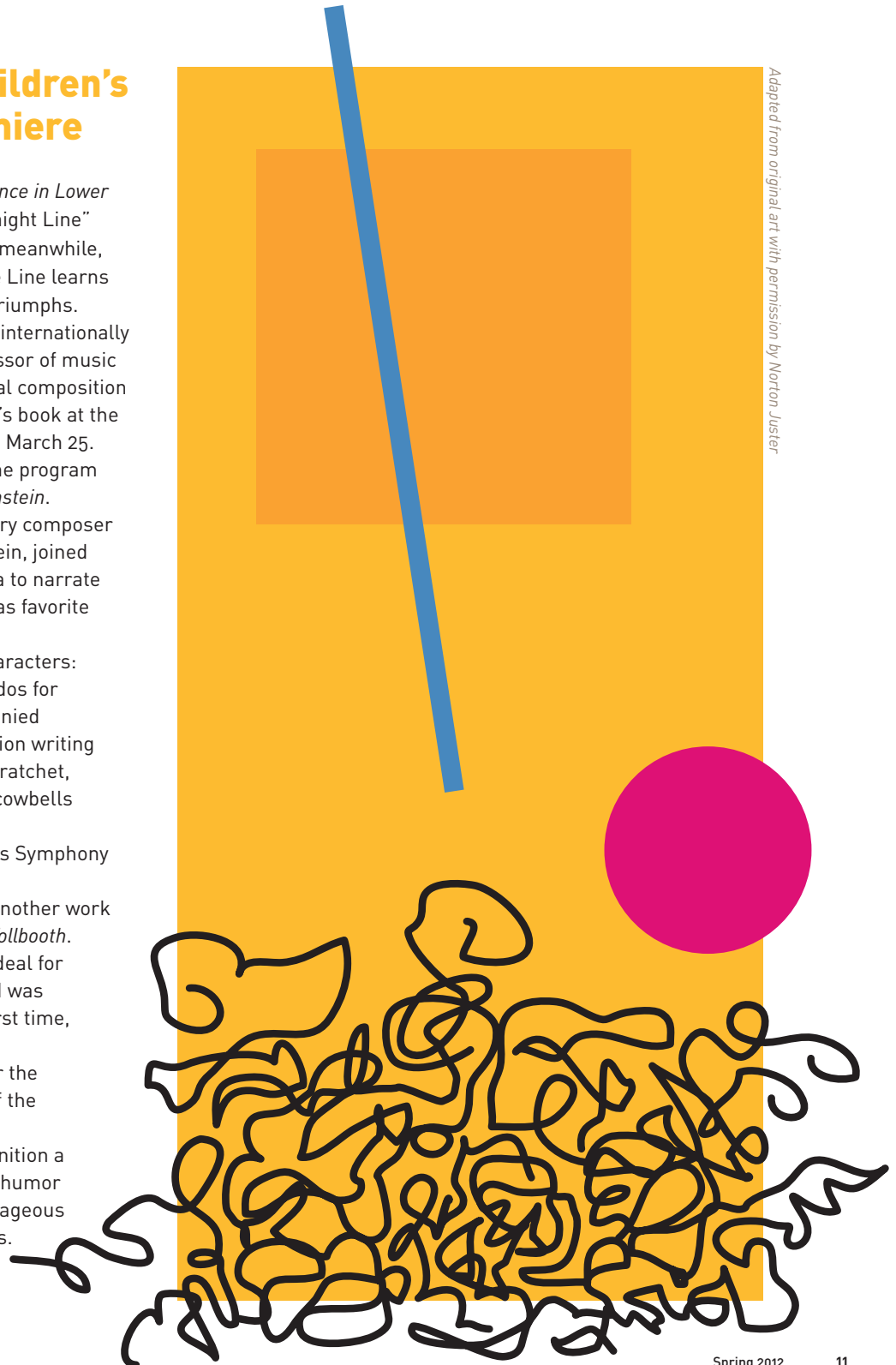
The concert also featured *A Colorful Symphony*, another work by Rodríguez based on Juster's book *The Phantom Tollbooth*.

"Juster's wit and vivid imagery make his books ideal for musical settings. I had fun writing both pieces, and I was delighted to see them performed together for the first time, especially with the author present," said Rodríguez.

Juster came to the UT Dallas campus a day after the concert and visited with Dr. Dennis M. Kratz, dean of the School of Arts and Humanities.

"*The Phantom Tollbooth* is by any reasonable definition a classic—a wondrous story filled with adventure and humor and wonder, not to mention a goodly number of outrageous puns," said Kratz. "Mr. Juster has the same qualities. It was a delightful conversation."

-CL



Adapted from original art with permission by Norton Juster



The 1997 women's soccer team: Front Row-Gina Habash, Cindy Martinez, Jennifer Ancheta; Middle Row-Christine Betron, Wendi Shanahan, Alison Mentzer, Brigid McKennirey, Trish Balog, Jennifer Rosee, Shalini Mall; Back Row-Coach John Antonisse, Courtney Peese, Desiree Squire, Holly Holt, Sarah Adams, Natalie Raber, Sherrita Herschbach, Mary-Ann Iskander, Heather Ramsey.

TWO COACHES, TWO TEAMS

ONE SUCCESSFUL SOCCER PROGRAM

by Bruce Unrue

As the Comets women's soccer coach John Antonisse watched his team cap yet another successful season last fall during the NCAA Division III National Championship Tournament, he couldn't help but reflect on how far his program had come.

"I literally was hired two weeks before we played our first game," said Antonisse, who began his UTD career in 1997. "I walked in, they handed me a roster of a few girls they had signed up, and told me to get to work."

At the time, Antonisse wondered if he had made the right choice after leaving a career in sales to try coaching. But he quickly found himself back in sales—literally selling his program across campus.

"I took every opportunity I could to find players," Antonisse said. "I put flyers all over campus. I would talk to anyone who walked up at those student activity fairs. I'd even look around the tables at the Comet Cafe every day during lunch, trying to find any student who looked like she might have athletic experience of any kind."

Antonisse was the first full-time soccer coach the women's team had ever had. Before his arrival, little time had been spent on recruiting and only a handful of games had been played.

"It was more like a club sport," Antonisse said.

Jack Peel, who arrived a year later in 1998 to head the men's program, found the same situation.

The men's team, established in the early 1990s, played as a club team and had a limited schedule, a part-time coach and very few rules.

"The first thing I did when I got here was to get the program organized and establish some rules," Peel said. "Simple things, really, like you had to be eligible to play, and you had to come to practice. For some of those guys, that was a big change."

Those were the days before the fledgling athletic program had a chance to get serious about what could be accomplished. It all began to change when UT Dallas became part of the NCAA Division III American Southwest Conference in 1998, and both programs started racking up victories and bringing home championship hardware.

From those humble beginnings, the men's and women's soccer programs have put together a remarkable 27 consecutive winning seasons combined through 2011. They have each established themselves as one of the dominant forces in the ASC, winning a

combined 293 of 343 conference games. The Comets have become regular fixtures at the ASC Championship Tournament, each winning a pair of ASC titles in the last 10 seasons. Both teams have twice been invited to participate in the NCAA Division III National Championship Tournament.

"I knew we were in a great situation," said Peel, who had coached several years at the high school level and at Baylor University before becoming the Comets' first men's coach. "The Richardson/North Dallas area was practically the birthplace of the youth soccer boom back in the early 1980s. In fact, the UTD campus was right in the middle of all that. Just like today, there were youth club teams and kids all over the fields at UTD every day of the week. So, a lot of kids were familiar with the University. We just had to let them know that we had a competitive college athletic program, and we wanted them to come play for us."

Both Peel and Antonisse were heavily involved—and still are—in the local youth soccer scene, which gives them exposure to a broad selection of quality prospects.

"It wasn't unusual for me to be with one of my club teams at a tournament in Houston and wander over between matches to watch

some player I was trying to recruit to UTD,” Antonisse said. “That part never changes. No matter how long you’ve been around or how successful you are, you are always in recruiting mode.”

The recruiting effort helped turn the corner for both teams back in the early 2000s, and helped establish a tradition of excellence.

Early on, Peel had several Division I-quality student-athletes he had known from club soccer who transferred back to UTD and helped build a run of top-notch teams from 2002 to 2004. Antonisse attributes a strong freshman recruiting class in 2000 as setting the stage for a championship run in 2002. “It was like we turned the corner overnight,” he said.

Just as recruiting is key to establishing a top-tier program, so is having athletic facilities to match that new level of play. When Antonisse and Peel arrived, the Activity Center had not yet been built. There were no locker rooms. The game field was in disrepair.

“We didn’t even have an athletic trainer; so every practice, we’d have to fill up a couple of water jugs and cart them out to the field,” Peel said.

A handful of spectators watched games from a set of dilapidated bleachers that eventually were condemned for safety reasons. Players sat on a pair of warped, weathered wooden benches that were falling apart. The grass suffered from almost constant use by youth and intramural teams in addition to the University soccer teams.

“The first thing we did was re-establish the grass on the playing surface,” Peel said. “Then we started to work on the rest of the facility. Fortunately, the timing was just right.”

Three local amateur soccer organizations (including the Lake Highlands Girls Classic League, which still uses the fields) were looking to build a facility. UTD had plenty of land, so the groups submitted a proposal to fund an upgrade to existing facilities and build new fields to be shared with UTD.

When the Activity Center opened in 1999, excess funding was redirected to outdoor athletic facilities.

“I already had a wish list, and that funding allowed us to build the new bleachers, fencing and the covered team area we now have,” Peel said.

Today, the UT Dallas soccer facility ranks as one of the best in the ASC, and the campus fields continue to be used by thousands of local youth soccer players. The Lake High-

lands group recently entered into a new long-term agreement with the University and is building four lighted soccer fields on the southwest corner of the campus.

“We haven’t accomplished all we’ve wanted to yet. There are still championships to be won, but I am proud of what we’ve established,” Antonisse said. “Our programs are competitive year in and year out. And, we’ve gotten to work with hundreds of quality young men and women who might not have ever considered UT Dallas had it not been for athletics. That’s what makes coaching such a gratifying vocation.”



The 1999 men’s soccer team: Front Row-Chris Ortega, Jason Ellison, Ngol Vo, Don Nguyen, Henry Nguyen, Chad Lehman, Yi Cheng, Doug Mercer; Middle Row- Wiley Gilliam, Tim Lilly, Chris Blackford, Glen Wardlaw; Back Row-Jeremy Morse, Trent Abbott, Josh Harms, Jamie Ayers, Eric Van Horn, Chris Nelson, Adam Allgood, Hector Ramirez, Amory Van Winkle, Bryan Michael, Eric Shirmer, Amir Sarrafzadeh, Jaime Dohm, Scott Turner, Coach Jack Peel.

Right: The women's soccer program, under the direction of John Antonisse, has captured two American Southwest Conference championships in the last 10 seasons. Along with the men's teams, the Comets have won a combined 293 of 343 conference games.

Far Right: Jack Peel, who directs the men's soccer program, has been involved with local soccer since the 1970s, including a coaching stint at R.L. Turner High School in Carrollton. Since taking the helm full time at UTD, Peel's teams are perennial in the conference championships, bringing the trophy home twice.



COACHING PROFILES

Soccer coaches John Antonisse and Jack Peel are two of the longest-tenured in UTD's intercollegiate athletics program, having spent nearly three decades combined with the Comets.

But the coaches were part of the North Dallas soccer community long before they joined the University.

Antonisse grew up just a few blocks from UTD and played soccer for Richardson's J.J. Pearce High School in the late 1970s.

"As a little kid, I was part of that North Texas soccer boom that started when the (professional) Dallas Tornado team was in town," he explained. "They would send players to the schools to meet the kids, and soccer just took off in this region. There were soccer games going on everywhere, even on the UTD campus."

After high school, Antonisse continued his soccer career for three years at the University of Tulsa, then played recreationally after beginning his professional life as a sales representative.

After seven years in the business world, Antonisse made a life-changing decision.

"I wanted to do something I loved," he said. "And that was soccer."

Antonisse volunteered as an assistant men's soccer coach under UTD coach Gerald Mungioli in the mid-90s. The part-time coaching experience at UTD led to his first full-time coaching job at nearby University of Dallas in 1996.

A year later, Antonisse was on the UTD campus conducting a practice for one of his youth teams when he noticed a gathering of dignitaries holding a groundbreaking ceremony for the Activity Center.

"I was talking with some people I knew from my days as a volunteer coach, and found out they were about to hire a full-time women's soccer coach," Antonisse said. "I applied and didn't hesitate about coming back when they offered me the job."

Peel's history with local soccer also dates to the 1970s. A native of Wichita Falls, he played at Midwestern State University and then took a

coaching job locally at R.L. Turner High School in Carrollton.

Peel left coaching briefly during the housing boom of the mid-1980s to enter the construction business but returned to soccer soon after. He was later an assistant coach for one of the first women's soccer teams at Baylor University when they joined the Big 12 Conference in 1996.

"I returned to the Dallas area a few years later," said Peel, who had been involved with youth soccer throughout his career. "A friend of mine was building a new indoor facility called The Soccer Spectrum, and he wanted me to help him."

That friend was Mungioli, who happened to be working part time as the head coach for the brand new men's and women's soccer teams at UT Dallas. When Mungioli decided to move on, Peel was at the UTD doorstep, ready to take over in 1998.



John Antonisse, women's soccer coach



Jack Peel, men's soccer coach



In the 1990s, the UTD soccer teams had limited schedules and part-time coaches. Today the teams are led by full-time coaches and have racked up 27 consecutive winning seasons combined.



comets™

SOCCKER AND VOLLEYBALL HOME GAME SCHEDULE

August-November 2012

DAY	DATE	SPORT	OPPONENT	TIME
Fri	08/31	Soccer (W)	Huston-Tillotson University	7:00 pm
Sat	09/01	Volleyball	Hendrix University	2:00 pm
		Volleyball	Centenary College	7:00 pm
Sun	09/02	Volleyball	Texas Wesleyan University	5:30 pm
Fri	09/07	Soccer (W)	Southwestern University	7:00 pm
Sun	09/09	Soccer (W)	Trinity University	1:00 pm
Thu	09/20	Soccer (W)	Schreiner University	5:00 pm
		Soccer (M)	Schreiner University	7:00 pm
Sat	09/22	Soccer (W)	Texas Lutheran University	2:00 pm
		Soccer (M)	Texas Lutheran University	4:00 pm
Tue	09/25	Volleyball	LeTourneau University	7:00 pm
Tue	10/02	Volleyball	University of Texas-Tyler	7:00 pm
Thu	10/04	Soccer (W)	LeTourneau University	5:00 pm
		Soccer (M)	LeTourneau University	7:00 pm
Fri	10/05	Volleyball	Concordia University	7:30 pm
Sat	10/06	Volleyball	Hardin-Simmons University	12:30 pm
		Volleyball	Schreiner University	5:30 pm
Sun	10/07	Soccer (W)	University of Texas-Tyler	3:00 pm
		Soccer (M)	University of Texas-Tyler	5:00 pm
Sat	10/13	Volleyball	University of Mary Hardin-Baylor	2:00 pm
Tue	10/16	Volleyball	Austin College	7:00 pm
Fri	10/19	Volleyball	Mississippi College	7:00 pm
Sat	10/20	Volleyball	East Texas Baptist University	2:00 pm
Thu	10/25	Soccer (W)	Louisiana College	5:00 pm
		Soccer (M)	Louisiana College	7:00 pm
Sat	10/27	Soccer (W)	Mississippi College	1:00 pm
		Soccer (M)	Mississippi College	3:00 pm
Thu-Sun	11/1-4	Volleyball/Soccer	ASC Tournaments (to be determined)	

cometsports.utdallas.edu



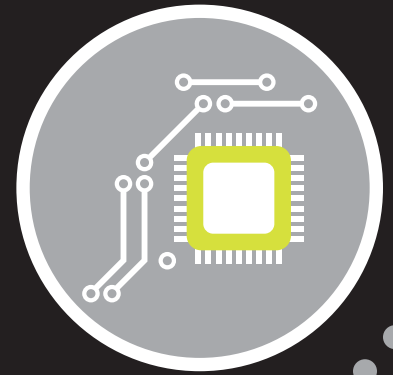


ECS25

A RETROSPECTIVE

BY LAKISHA LADSON

*The Erik Jonsson School,
officially 25 this year,
has a soul decades older.*



The concept for a world-class school for advanced training of engineers and scientists in the North Dallas area began in the 1950s following the establishment of Texas Instruments. TI founders Erik Jonsson, Eugene McDermott and Cecil Green eventually helped establish UT Dallas in 1969, but faced opposition to the creation of an engineering school.

Some naysayers expressed misgivings for cultural reasons: A high-technology research center in the middle of an open prairie seemed farfetched. Newspaper reports cited politics and rivalry as other factors for opposition—the Dallas/Fort Worth area already had two engineering schools.

But proponents, many from the growing ranks of nearby technology companies, doggedly pursued establishing an engineering school at the University. Formal task forces of civic, political and industry leaders produced reports that echoed the sentiment of UT Dallas' founders—the continuing education of employees was crucial to the economic vitality of the region and the state. Further, the combined number of electrical engineering graduates in the state could not meet demand even in just the Dallas area.

When statistics and reports were met with skepticism, campus and industry leaders took to the skies, offering helicopter tours showing the University's proximity to technology companies contrasted with the long commute to other universities. It made sense, they argued, for an engineering school to exist in the heart of Richardson's Telecom Corridor.

In 1985, state leaders agreed and granted approval of an engineering program. But in order to be recognized as a school, \$52 million had to be raised by 1991; enrollment had to exceed 700 students; and plans had to be developed for an engineering facility.

A year later, most of the conditions were met. Leaders raised \$49.5 million, enrollment stood at 745, and construction of a building was about to begin. UTD was finally home to the state's first new engineering school in 36 years.

Since then, the school has continued to exceed expectations. Its founding programs—electrical engineering and computer science—are among the top degree-granting programs in the country. The Jonsson School was the first in the nation to offer an accredited bachelor's degree in telecommunications engineering and one of the first to offer a bachelor's degree in software engineering.

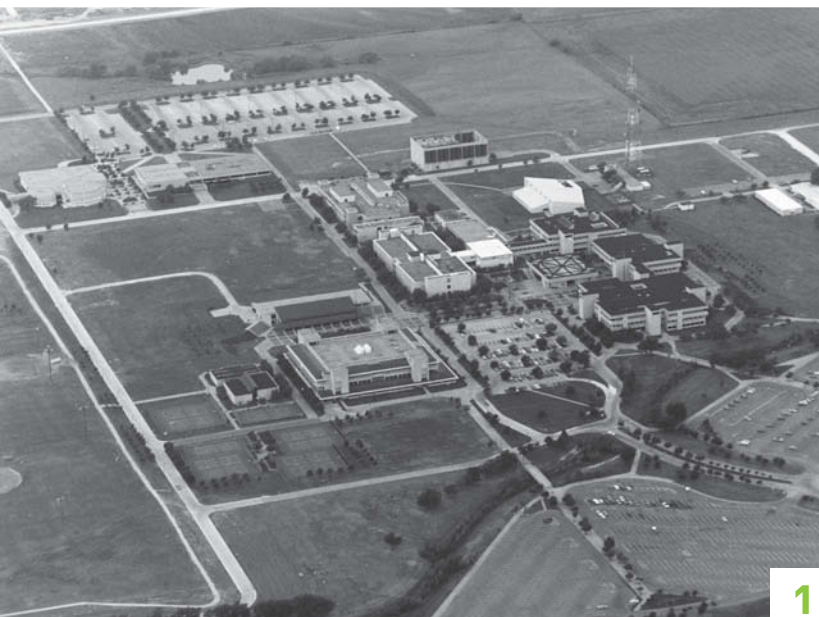
Today, the school has 3,600 students, 120 tenure-track faculty members (one-fifth of whom hold endowed chairs and professorships) and one of the largest voluntary internship and cooperative programs in the United States. It ranks fourth among graduate engineering programs in Texas. Research funding in 2011 topped \$47 million.

Public-private partnerships have proven key to raising the reputation of the school and attracting talented faculty members who inspire the next generation of innovators.

An economic development agreement called "Project Emmitt"—a collaborative effort between Texas Instruments, the State of Texas and The University of Texas System—provided \$300 million to expand and improve the Jonsson School. Improvements included construction of the state-of-the-art Natural Science and Engineering Research Laboratory, which rivals museums in aesthetics and leading universities and industry labs in research equipment capabilities; attraction of top doctoral students; and recruitment and retention of faculty members from some of the best universities and research institutes in the world.

"The unwavering commitment and support of visionaries and community and industry leaders willed the Jonsson School into existence," said Dean Mark W. Spong, holder of the Lars Magnus Ericsson Chair in Electrical Engineering and the Excellence in Education Chair. "That same spirit continues to propel us as we become one of the great engineering schools not just in Texas or the country, but the world."





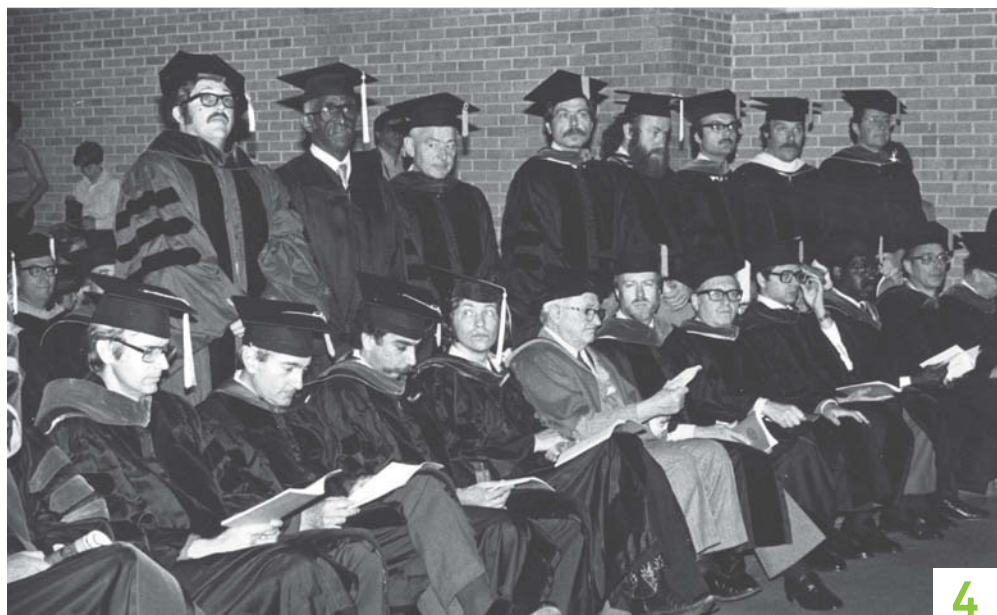
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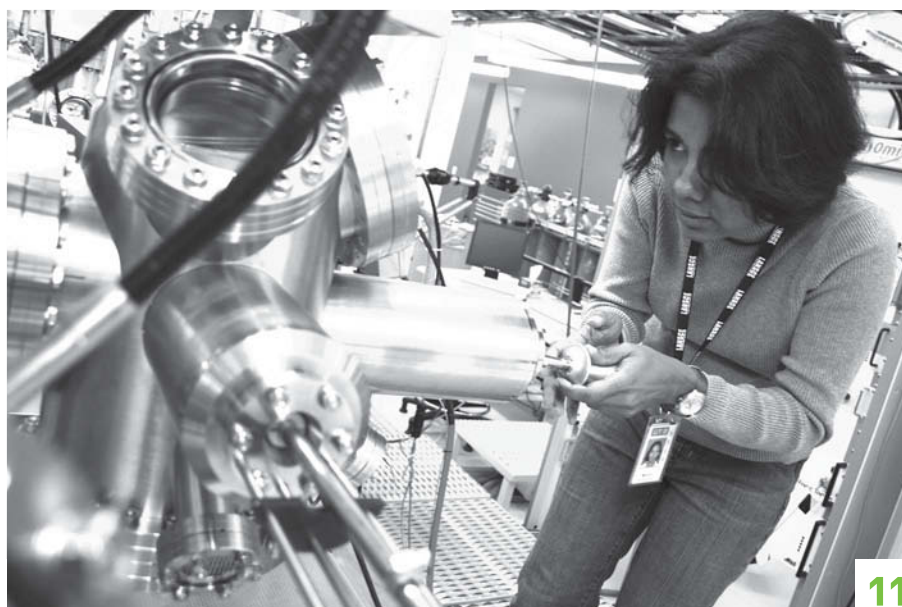


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- 1 In October 1989, the Multipurpose and Engineering Start-up Facility was dedicated on the northern part of campus. Shown here is an aerial view of the campus at the time.
- 2 Former Dallas mayor, Erik Jonsson, Dr. Robert Rutford and Cecil Green (left to right) at the groundbreaking of the Multipurpose and Engineering Start-up Facility. Jonsson and Green were two of the founders of Texas Instruments and UT Dallas. Rutford, president of UT Dallas from 1982 to 1994, was instrumental in getting the engineering school established.

- 3 The joint efforts of business, community and educational leaders made the long-held dream of engineering education a reality in 1986. At the groundbreaking for the Multipurpose and Engineering Start-Up Facility, those celebrating the accomplishment included, from left, Executive Vice Chancellor for Academic Affairs James P. Duncan, Rockwell Electronics Chief Operating Officer Kent Black, Dallas Mayor A. Starke Taylor, and UT Dallas founders Erik Jonsson and Cecil Green.
- 4 Shown is one of the first graduating classes in the Jonsson School. The school started with two departments: computer science, which moved from the School of Natural Sciences and Mathematics, and electrical engineering. It quickly built a reputation for concentrations in telecommunications and microelectronics.





5 In January 1989, Andrew Jones (right) and Thomas West became the first graduates to receive master's degrees in electrical engineering from UT Dallas.

6 Dr. Blake Cherrington was the first dean of the Erik Jonsson School of Engineering and Computer Science. He served until 1995.

7 North building, the first structure of the engineering and computer science complex, still houses engineering faculty members and labs. Dedicated in 1992, the 152,000-square-foot building was funded in part by a \$12 million gift from the Excellence in Education Foundation established by Jonsson, Eugene McDermott and Green.

8 The 8,000-square-foot clean room in the north building was hailed as the best in Texas. It was 100 times more dust free than the city's best hospital operating room, permitting construction of high-technology microelectronic devices. The research conducted in the clean room required temperature fluctuations of no more than two degrees Fahrenheit and a constant humidity of 40 to 45 percent.

9 Dr. William "Bill" P. Osborne (left), dean of the Jonsson School from 1995 to 2002, and Jack Kilby, former TI engineer and inventor of the integrated circuit, which laid the foundation for the field of modern microelectronics and earned him a Nobel Prize.





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10 Skywalks were built connecting the north and south sections of the complex. The south building, which opened in 2002, doubled the school's capacity to approximately 6,000 students. The \$40 million facility was funded by \$30 million from The UT System Board of Regents and gifts from the TI Foundation, Mrs. Margaret McDermott, Zyvex, Alcatel, Ericsson, Fujitsu and The Meadows Foundation. The three-story structure matches the north building and contains the Texas Instruments Auditorium, classrooms and offices.

11 Postdoctoral student Manori Nadesalingam loads a sample into a surface analysis system designed by Professor Robert "Bob" Wallace. Delivered to UT Dallas in 2005, it was originally housed in the north building then moved to the Natural Science and Engineering Research Laboratory (NSERL). The ultrahigh vacuum system allows surfaces being studied to stay atomically clean during experiments. This allows researchers to study how layers deposited onto surfaces such as silicon, germanium, graphene or gallium arsenide react and how to make better electronic films for future device applications like transistors.

12 NSERL was dedicated in June 2007. The four-story, 192,000-square-foot research facility is home to faculty and scientists from such disparate fields as electrical engineering, materials science and engineering, chemistry, biology, and behavioral and brain sciences. Laboratories within NSERL provide space for scientists and engineers ranging from synthetic chemists who require significant fume hood space to electrical engineers who need open labs for large equipment.

13 Former and current leaders of the Erik Jonsson School gathered for a 25th anniversary celebration in fall 2011. From left, Dr. Robert "Bob" Helms, dean from 2003 to 2008; Dr. Cy Cantrell, founding professor in the Jonsson School and current senior associate dean for academic affairs; Dr. Blake Cherrington, dean from 1986 to 1995; and Dr. Mark W. Spong, dean since 2008.



Reinventing the Arts



By Gaile Robinson

What do you put an animator,



Dr. Dennis Kratz, dean of the
School of Arts and Humanities.

Don't anticipate a punch line; there isn't one. Not yet.

"The answer will come in the future," said Dr. Dennis Kratz, dean of the School of Arts and Humanities. "In a place designed to create pathways among people, projects and ideas."

As dean, Kratz has developed an interdisciplinary curriculum that fosters collaboration at the intersection of arts and humanities, science and engineering.

"There is a statistical correlation between Nobel Prize winners and art," Kratz said. "It enables them to see from a different viewpoint."

Kratz's viewpoint, a broadminded administration, and a creative faculty eager to transform the traditions of a typical liberal arts program, have redefined how the arts and humanities are viewed and taught at UT Dallas.

"This isn't about putting art in a science-based university. It's about reconstructing the way we educate people to bring science, art and humanities together," Kratz said. "We want to suffuse everything."

"Our goal is, first of all, to put art and humanities right smack in the center of this place."

you get when a physicist and a painter together?



For years, the focus at UT Dallas has been on the disciplines that brought its founders together to form Texas Instruments—science, technology, engineering and math, a combo of pursuits so often associated that they are referred to by the education intelligencia as STEM. The School of Arts and Humanities wasn't a headlining act in this educational revue, and didn't receive much attention. The course work the school offered was necessary to fulfill the degree requirements of the

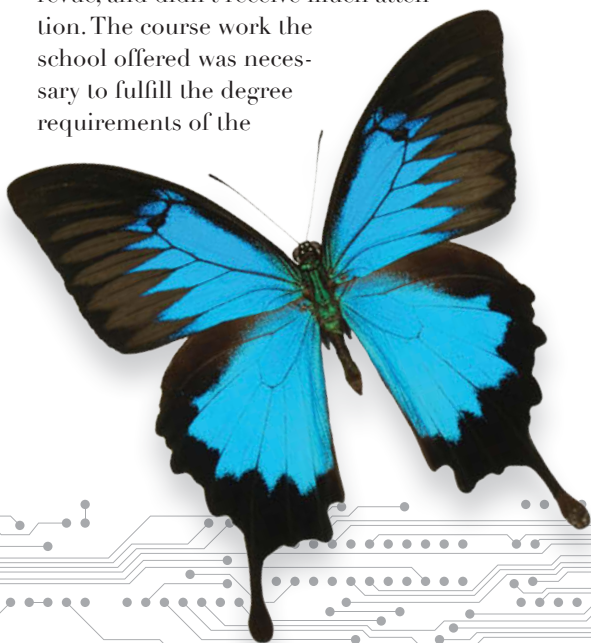
lab coat set and, as long as that minimum was met, the A&H program was allowed to proceed on a self-determined trajectory.

What no one outside the school expected was for UTD's arts and humanities program to become enticing. But it did, and with its growing popularity, began attracting students who had enrolled with science intentions. Word got out and the school began attracting a larger than expected number of incoming students. Soon arts and humanities had become a contender for money, staff, real estate, the brightest students and scholarships.

The transformation is due in large part to Kratz and his bold move to fuse the University's long-held strengths in science and technology with the creativity of the arts and humanities.

Kratz's manifest destiny—geographically and cognitively—is recognized by way of the Arts and Technology Program, Texas's first degree that combines computer science and engineering with arts and humanities. ATEC is a contemporary hybrid, a joint creation of the Erik Jonsson School of Engineering and Computer Science and the School of Arts and Humanities.

"Half of our students are studying this," said Kratz of his A&H flock. "If you want to be an innovator you have to study the arts. What is happening in the humanities is the intersection of arts and science. What is happening in the arts that is exciting, is the intersection of arts and advanced technology." ATEC encourages cross-disciplinary studies, creativity with technology, theory with practice, and learning with research.





Dr. David Parry, assistant professor of arts and technology and emerging media and communication.

Not everyone on campus understands the collaboration or the attraction. “I think there is a sense of ‘What do they do? Study and major in Facebook?’” said Dr. David Parry, assistant professor of ATEC and emerging media and communication. EMAC is another one of Kratz’s future-looking programs.

“Our president and provost, God love them, get it,” said Kratz of Dr. David E. Daniel and

Dr. Hobson Wildenthal. “How do you think that building is getting built?”

Kratz is speaking of UTD’s new ATEC building going up next to the campus library and across from the newly renovated mall and reflecting pools. It is as close to “right smack in the center” as Kratz could hope for and that construction would allow.

“It is one of the largest buildings on campus and the only new building with the word ‘Art’ on it at a major university in this country,” said Dr. Richard Brettell, the Margaret M. McDermott Distinguished Chair of Art and Aesthetic Studies. “That’s a big thing. It’s right on the center of campus. This is prominent real estate. This tells you about the University’s own priorities.”

The 155,000-square-foot, \$60 million project is scheduled for its ribbon cutting in 2013. It will provide 2,150 new classroom seats and 50 offices, as well as a lecture hall that will seat 1,200. The building was designed by Studios

Architecture, the same firm that designed the Googleplex, Google’s headquarters in Mountain View, Calif.

One of the aspects of the new ATEC space that Kratz is

most excited about is the forced interaction. All of the building’s services will be in the central core and the perimeter will be used for exhibition space. Office dwellers will be forced to walk past project spaces anytime they wish to leave, use the restrooms or visit a colleague. It will be impossible for people to duck in a side door, slip into their offices and slip out again.

“The building is designed to create interaction, rather than isolation,” Kratz said.

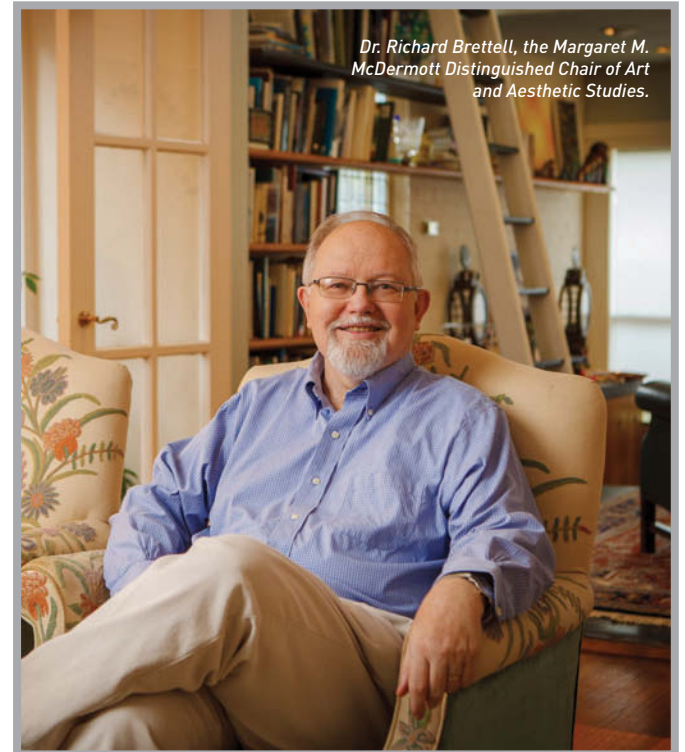
Kratz’s floor plan for future “Eureka!” moments is similar to Google’s, whose founders Larry Page and Sergey Brin understand the necessity for engineers to talk to designers.

Steve Jobs understood it too. On more than one occasion he opened a speech with, “It’s in Apple’s DNA that technology alone is not enough—it’s technology married with liberal arts, married with the humanities, that yields us the results that make our heart sing.”

One of the last times Jobs used that line was in March 2011, the same month there was a large gathering of arts and humanities scholars at the University of Michigan for a three-day retreat that examined the roles of the arts and the sciences in the university



Slated for completion in 2013, the Arts and Technology Building is near the center of campus. It will showcase the visual arts and serve as a technology hub for the ATEC program.



Dr. Richard Brettell, the Margaret M. McDermott Distinguished Chair of Art and Aesthetic Studies.

ART IN THE DIGITAL AGE

by Chaz Lilly

After dark, when no one was around, John Pomara returned to the Visual Arts Building to use the copy machine. It was 1998 and he was a newly-hired professor who didn't want anyone to see what he was working on.

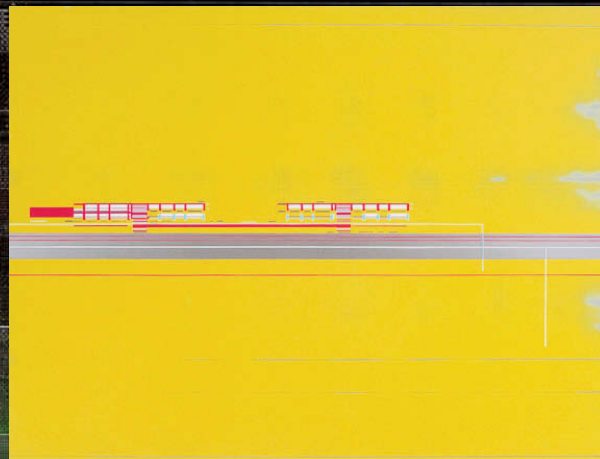
For months, Pomara photocopied paint drips patterned to resemble microbiology photographs of cell structures.

"I collected dozens of biology books, anything that had any kind of microphotography or DNA gene scan," Pomara recalled. "I wanted to make these images into six-foot hand painted images – I wanted to make six-foot photocopies."

Pomara's late night project led to an exhibition of large scale paintings and six foot photographs that appeared as photocopies at the Dallas Museum of Art, and to a deeper investigation of how art, technology and science interact.

Today, Pomara is lauded for his ability to blend technology and traditional art. Some call him a "new media artist."

The University's arts and technology program is a good fit for him, he said, because his interactions with students who use video, digital photography and painting make him approach art differently. And his collaborations with faculty sometimes force him to re-examine his work.



Mis-aligned, 2009

"My work explores the tension between mechanical detachment and personal engagement," Pomara said. "I'm investigating the link between abstract paintings and photography, printing and digital imaging."

Pomara's artwork currently involves making computer stencils of magnified digital images, which he then paints by hand, pulling industrial

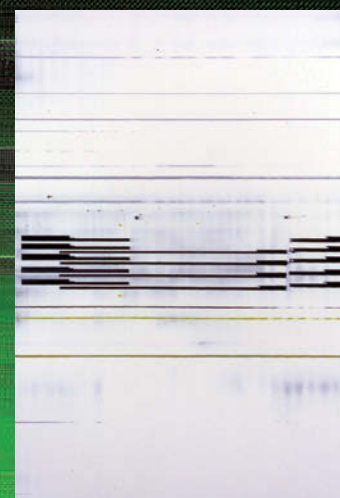


enamel across aluminum surfaces. The finished paintings look like an electronic screen, with a cool reflective surface, blurred as if the forms are moving rapidly or hovering like a photographic ghost.

"The work is a visual dialogue about the intimacy of touch and how it's evolving in an ever-increasingly faster world of electronic imaging," Pomara said. "Maybe I'm just a new media artist that keeps on painting."

In some of his most recent work, Pomara manipulates technology to produce art. He calls it "capturing glitches" and he learned this new medium quite serendipitously. In a design class, a printer malfunctioned on one of the professor's students. Instead of throwing the print away, Pomara scanned the image back into the computer and started working with it.

"I magnified, distorted and remade the glitch. And, I realized I could even glitch the images myself, intentionally," Pomara said. "I've broken a few printers."



Nose Job, 2008

In digital-d14, 2012, John Pomara manipulates technology to "capture glitches" and create art.

union. The gathering was titled “The Role of Art-Making and the Arts in the Research University.”

One of the keynote addresses was delivered by Dr. Don M. Randel, president of the Andrew W. Mellon Foundation. He is the go-to guy when the humanities need a champion, because he will bring a speech that includes, “Far from believing that science is one culture and the humanities and the arts a very different culture, we need to understand today especially that scientists and humanists and artists are fundamentally engaged in the same enterprise. This enterprise is at the heart of what the university is about across all of its research and teaching in all of its disciplines.”

Randel said one of the questions university leaders

must consider is how to ensure that the arts are a crucial part of the intellectual fabric of their institutions.

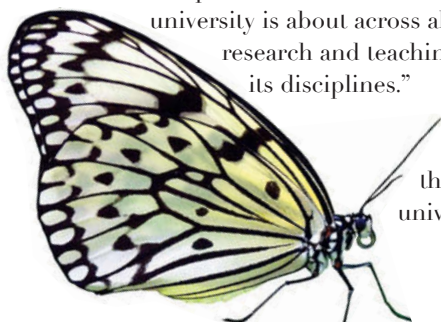
“This is not about the value proposition of the university what kind of a job will you get if you study here and how much more will you make over your lifetime in consequence of your degree,” Randel said. “This is about the values proposition of the university what truly matters in life and what makes it worth living. This is, of course, what the arts and humanities are about.”

Dr. Shirley M. Tilghman, president of Princeton and a molecular biologist, agreed. Tilghman, who also spoke at the conference, noted the recent move toward developing the artistic awareness and talents of all students at Princeton, not just those of future professional artists, saying, “if we are to provide our students with the well-rounded education they deserve ... then we must do everything

we can to make our campuses artistic crucibles.”

This is not easy to do. The university model was crafted centuries ago. Moving the arts and humanities into the educational fast lane while towing the canon of the centuries is a Herculean task.

And there are those in the university culture, at UT Dallas and elsewhere, who question the validity of humanities education and its application to a dynamic career beyond the university. To them, Randel quotes John W. Rowe, chairman and chief executive officer of Exelon, one of the nation’s largest electric utilities, who said, “If anyone thinks that reading Samuel Pepys or Geoffrey Chaucer has nothing to do with running a large politically involved public utility, that would simply prove that they have never read an inch of Chaucer or run a public utility.”



SCIENCE INFORMS ART ON THE SCREEN

Michael Howell BA’12 uses science to make art.

A recent graduate who majored in arts and technology and minored in computer science, Howell described himself as a technical artist.

“I’m using game design to make statistical models something that you can actually touch and play with,” Howell said. “I’ll take information from white papers on physics and use computer graphics to make the images visually pop. It’s science and art—a bit of both.”

“I am taking statistical models from retail consumer data or information from a paper on physics to illustrate findings,” Howell said.

Howell, who has been drawing and taking art classes since he was a young boy, keeps a sketchpad nearby for those moments when “traditional art” inspires his computerized creations.

“One of the key lessons I’ve learned during my college experience is the importance of having a good understanding of the fundamentals of art,” Howell said.

Recently, Howell went back to the basics. He studied form and perspective—as artists have done for centuries—in order to improve the visual look of what he portrays on a computer screen.

“I am still an artist,” Howell said. “I am producing art using a computer, which allows for interaction and wider distribution.” —CL



Michael Howell graduated in May with a degree in arts and technology.



Howell creates illustrations to relay statistical information.

This focus on remuneration for degree earned is a fairly new phenomenon. It's just been in the past 25 years that people say you come to college to get a job, said Kratz. To that end, "we need innovative thinkers, people who can communicate across cultural differences and collaborate," he said. "We need people who can write."

To which Debra Humphreys, spokesperson for the Association of American Colleges and Universities, pointed out that data from the U.S. Department of Education shows that while the starting salary of an engineer is much higher, those with a liberal arts degree often catch up and sometimes surpass an engineer's salary in 10 to 15 years.

Kratz, a medievalist who translates classical and medieval literature with a side of science fiction, was able to move an entire school from the musty academic strictures of a millennia under one giant

umbrella because there was little hierarchy. There are no little fiefdoms, just huge sweeping schools—Arts and Humanities, Behavioral and Brain Sciences, Economic, Political and Policy Sciences, the Erik Jonsson School of Engineering and Computer Science, Interdisciplinary Studies, the Naveen Jindal School of Management, and the School of Natural Sciences and Mathematics. Period. That's the total.

The degrees offered also are all-encompassing. In arts and humanities, it is possible to obtain a master's and a doctorate in history of ideas; in behavioral and brain sciences, a doctorate in cognition and neuroscience. In the School of Economic, Political and Policy Sciences, geospatial information science degrees can be obtained at bachelor's, master's and doctorate levels.

"This mode of organization is the educational model for the future," said

Dr. Frederick Turner, Founders Professor of literature and creative writing. He has so many interests it would take a bifold business card to list them all—poet, cultural critic, playwright, philosopher, interdisciplinary scholar, aesthete, essayist and translator. He can teach any of these, and does, depending on his interests at the time and those of the students. "We have an incredibly open and interesting curriculum. You can go where your mind and research is taking you. You are not stuck doing the same course all the time," Turner said.

Once his choice for any given semester is on the course list, it is still flexible. "The course will take the direction that is the most interesting," he said. That is determined by the interests of the students in the class, and they come from many of the University's schools with a mixture of backgrounds, ages and life experiences. Turner relishes the variety.

SOCRATES AND MRI'S, WHY NOT?

Amanda Preston holds a bachelor's degree in literary studies (2008) and a master's in humanities (2011). She studied German philosophy and poetry as a grad student. After graduation, Preston took the next logical step in her academic career: She enrolled in the master's program in applied cognition and neuroscience.

At least it seemed logical to her.

"I think academic disciplines have closed themselves off, and we need to open them up to each other," Preston said. "The new philosophers of mind should be able to read Socrates and MRI's."

Preston has joined an avant-garde movement in academia called neuroaesthetics, which uses neuroscience to explain and understand art, music and literature at a neurological level. The new discipline is gaining attention from scholars, neuroscientists, artists and psychologists alike.

"The humanities taught me to think, to interpret," she said. "Science gives me the means to apply those skills to a physical world." —CL



Amanda Preston is seeking a master's in applied cognition and neuroscience.

“The liveliest ideas happen at the border or between disciplines,” he said.

The overlap between the humanities and sciences is Kratz’s interest too. He uses a Venn diagram to illustrate the interlocking models of history and literature, science and art, and it was from these intersections he designed the cobbled ATEC and EMAC programs.

“We keep our names as vague as possible; that’s why we have ‘arts and technology’ because we know we are about interaction and creative thinking of arts through technology. We don’t call it a games or animation program or sound design though that is part of what we offer but we want to keep the vision on the grand canvas. We are part of one interconnected family that is the University. It’s hard to do, but that’s the philosophy.”

Kratz says on occasion a faculty member from A&H has asserted that he’s “ruined this school.”

“That’s ridiculous,” said Mark W. Spong dean of the University’s Jonsson School of Engineering and Computer Science, where he holds both the Lars Magnus Ericsson Chair in Electrical Engineering and the Excellence in Education Chair and one of ATEC’s campus champions. “I’m a big fan of liberal arts and I work closely with ATEC. It’s a tremendous program.”

Combining the factions in a classroom setting is not difficult. “It’s not a hard sell to students; it is a hard sell to other departments,” said Parry, who teaches issues of media copyright and privacy. He said it is imperative that he have students from both humanities and engineering in his classes to understand the hardware of the network and why it is built the way it is. “Humanities students often have no understanding why the Internet is fundamentally different from other forms of communication. The computer science students get it. But the humanities students understand the

critical issues and why it matters on a cultural level. When you get them together it’s more productive.”

Parry believes there is an absolute necessity to be digitally literate. “In the future, the people who have power power in a good way, power over their own lives will be digitally literate,” he said. “There will be people who understand how to make, use, manipulate, critique and engage with social media in all its forms and there will be people who will just consume.” Parry sees his job as moving the consumers into the group of producers.

For this there is EMAC, the program that is drawing students who were traditionally found in classes with old-school labels such as communications, media studies, journalism, web design, documentary filmmaking and community management.



Lye-Ching Wong, a May graduate, is headed to medical school at the University of Virginia.

DANCER SPINS INTO MED SCHOOL

Lye-Ching Wong’s BS’12 accomplishments looked impressive on her medical school application: Biochemistry major, McDermott Scholar, a member of Student Government and a Peer Led Team Learning leader for calculus with the GEMS Center in the Office of Student Success and Assessment.

But what set Wong apart was her minor in art and performance.

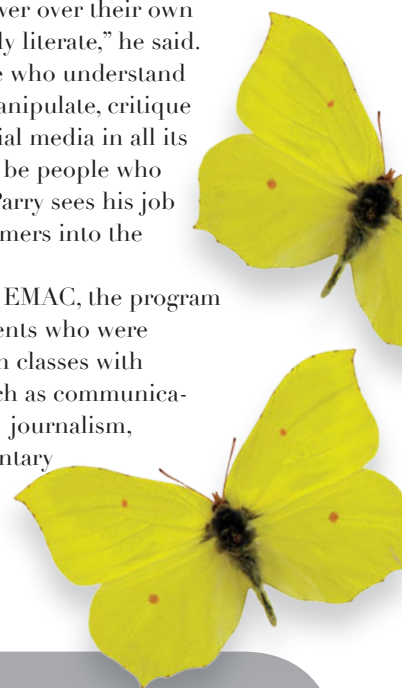
“Dance gave me a creative outlet and nurtured my passion for studying human anatomy, health and nutrition,” Wong said. “The arts and humanities have allowed me to study how humans behave and interact on a larger scale.”

Wong’s affection for the arts led her to Spain where she studied Spanish dance. The semester abroad landed her an Undergraduate Research Scholar Award, funding her investigation into the relationship between traditional Spanish dance and Spanish identity.

Her research culminated with a final honors thesis that examined ballet techniques from an anatomical and cultural perspective.

In her last week as a UT Dallas student, Wong performed with her Ballett II class in the Spring Arts Festival.

“Art and dance helped me better understand the human condition,” she said. -CL



EMAC was originally a subset of arts and technology but so many students and faculty were interested that it became its own program. Kratz is particularly proud of the nebulous title as it entitles him to all new technology. He said, "Anything that emerges, we get. It's so neat."

"Here at EMAC we do a great job of teaching our students and they learn a lot," said Parry. "We are doing the work that needs to be done in education. If we don't, they will be left behind in 30 years."

Some well-established faculty here who came from other universities were attracted by the organizational freedom. It was the carrot that brought on professors such as Brettell, Turner and most recently Dr. Roger Malina.

Malina is a physicist, astronomer and executive editor of the Leonardo publications at MIT Press. With dual appointments as a distinguished professor of arts and technology in the School of Arts and Humanities and a professor of physics in the School of Natural Sciences and Mathematics, he focuses on connections among the natural sciences and arts, design and humanities.

Over the last 25 years, Malina has worked to create "situations" in which artists and scientists can collaborate. At the University of California, Berkeley, where he was the principal investigator for the NASA Extreme Ultraviolet Explorer satellite, he helped launch an artist in residence program. Recently, he created a similar program as a member of the Mediterranean Institute for Advanced Study (Institut Méditerranéen de Recherches Avancées, IMERA), an institute he helped to organize in France.

"These programs allow artists to spend six months to a year collaborating with scientists," Malina said. "In the best cases it leads to better science, as well as really good art."

Malina said one of the things that attracted him to UT Dallas is its push to create innovative connections among different disciplines.

"In my career, I've had the scientific strand and the art and technology strand. This is an opportunity to combine both," Malina said. "There are not many places in the U.S. or internationally that are doing what we're trying to accomplish here—merge arts and humanities with science and engineering at a deep level and with the resources to support it."

The world, Malina said, in referencing corporate and political realms, is not organized the same way as universities. It is problem-driven and requires people with different skills and expertise from a variety of disciplines to come together to solve those problems.

Brettell echoes Malina. "UTD is so new we don't think in terms of fields, but in problems," he said. "Sometimes the junior faculty yearn for the world from which they come; a lot of the senior faculty don't miss the intellectual bureaucracy."

While they may miss the stratified organizational cubbyholes of a traditional department, there are young faculty members who recognize the trade-off.

In more established institutions of higher learning, Dr. Venus Opal Reese, who teaches everything from identity theory to hip-hop dance, knows that taking her solo performance show on the road would be viewed with disapproval.

"I would have been penalized, not rewarded," said Reese, associate professor of aesthetic studies. When schools post a job for an artist and a scholar, she said, most want a performer or a scholar to teach traditional theater history.



Dr. Venus Opal Reese, associate professor of aesthetic studies.

continued on page 42



Derrick Morgan's interest in politics took him from Dallas to Washington, D.C., where he served as a member of Vice President Dick Cheney's staff.



BY DERRICK MORGAN BA'99

Few things in life follow you more doggedly than where, or even whether, you went to college. From employment applications to introductory conversations, your alma mater serves as a credential. It helps if the university is well respected, affordable and in a good location. UT Dallas fits all these criteria. I believe, however, that what you learn and experience in college matters even more because it prepares you for what lies ahead, just as getting a government and politics degree at UTD has prepared me for my career and life.

It was at UTD that I learned to write. Today I sometimes hear the voice of Dr. Judy Bundy, one of my government professors, saying, "If you can say it in six words, why use eight?" "Make it shorter." "Say what you mean." "Be direct!" I use her advice daily.

One of the first times that I remember being particularly grateful for my training was the once-in-a-lifetime opportunity to clerk for the well-respected judge Sidney A. Fitzwater, now the chief judge in the Northern District of Texas. Law clerks spend their time reading case law and briefs and writing



memos and draft opinions. In addition to pushing me to read and write, Dr. Bundy introduced me to the classics that I had not read in depth in high school: Plato, Aristotle and Locke (among others). Had I been at another university, I might have spent entire semesters reading modern critical scholars rather than those towering giants of philosophy and government. Learning the classics laid an important foundation for my time in law school at the Georgetown University Law Center. My UTD professors' Socratic method of teaching also was the major pedagogical style at Georgetown. That teaching philosophy focused my thinking by forcing me to anticipate questions; over time it helped me to be able to think more quickly and thoroughly. The undergraduate education at UTD set me up well for law school, my clerkship and my career today.

In addition to the wonderful education that I received at UTD, my time there greatly spurred my already serious interest in politics. I led the College Republicans and dedicated a summer to Phil Gramm's campaign for re-election to the Senate. Booking political figures to come to campus, participating in the byzantine world of College Republicans at the state level, and helping to do research for a statewide campaign were important and crucial experiences in leadership training, practical campaign experience and comfort with public figures.

My interest and involvement in politics eventually led to the White House, where I worked for Vice President Dick Cheney, a generous and principled man who himself made efforts to support the University by meeting with groups of students from our school on several occasions. It was truly a dream come true to be able to serve my country and make memories that, I trust, will last a lifetime.

Cruising on a boat in Sydney Harbor with a handful of colleagues, Australian Prime Minister John Howard and Vice President Cheney was one of the most surreal moments in my four years of working at the White House. A flotilla of police boats and security vessels followed us as the prime minister gave us a tour of one of the most spectacular places on earth. Another time, I found myself flying over Chesapeake Bay in Marine Two with the vice president and Defense Secretary Donald Rumsfeld. It occurred to me that I had not been born when Rumsfeld asked Cheney to be his deputy chief of staff in the White House in the mid-1970s. Without the experience I gained at UT Dallas, I may never have had the opportunity to serve my country in such a fun and prestigious way; I certainly would not have been so well prepared.

UTD trained me to speak my mind and stand my ground. It was there where I realized the importance of having the confidence to stand up for what I believe. My professors were fair, even as they challenged my viewpoints. It was a bit daunting at the time to challenge an accomplished professor in a packed

lecture hall, but it was good practice for life. Good and humble leaders will tell you—as several have told me—"yes men" do not serve their principal well. That is true in politics, business and in many other fields.

I learned at the White House that by standing forthrightly for what you believe, your point of view and experience can shape recommendations to the president or vice president. And if I did not speak up, I was abdicating my responsibility to give the best advice I could. And of course sometimes I needed to push back and say, "I think you are wrong."

Another memorable moment during my time in the White House was when my wife, Alyssa, and I were posing for a photo with President and Mrs. George W. Bush at the White House Christmas party. The president and first lady, both down-to-earth and friendly Texans, asked Alyssa, who was noticeably pregnant, when the baby was going to arrive. "George is a nice name," the president said, as he lobbied us. While we opted to name our son Nathan, we still like to tell that story. On a separate occasion, the president jokingly told my son William it was "nice to have a seven-year-old in the Oval Office." "I'm only four!" William protested. The same son once responded to the vice president's question of "Who do we have here?" with, "It's me, William!"



Morgan currently works in the nation's capital as chief of staff for the president of The Heritage Foundation, a nonprofit public policy organization.



["What, you've never heard of me?" he must have thought.] I suppose speaking our minds is a family trait. Kidding and family stories aside, I am thankful that I got plenty of practice standing my ground at UT Dallas.

Today, I continue to be bold for my beliefs by working as chief of staff to President Ed Feulner of The Heritage Foundation, where our vision is to see freedom, opportunity, prosperity and civil society flourish. That last part—civil society—is something that Dr. Feulner emphasizes regularly, in addition to living it out himself. We can, and should, speak our minds, but we must do so respectfully, he says. I learned that lesson well at UTD, too. I especially remember helping a classmate run for student government. After my friend Matt Hill lost, I remember his magnanimous approach to working with his opponents to achieve his goals. I learned that if you work hard and deal in a humble and winsome way, over time you will accomplish more.

In addition to helping me prepare for my career, UT Dallas was also important in my own spiritual journey. UTD has myriad student groups and a growing on-campus community. That is

important because college is also time to think about the big issues in life and interact with others. During my time at UTD, I became a Christian, helped along the way by a college ministry. My conversion and Christian experience have helped me be a better husband and father. We center our lives on the truth I learned outside the classroom during my time at UT Dallas.

I appreciated attending UTD, where there is an incredibly diverse student body. Some of my friends and co-workers at my on-campus job were from India or of Vietnamese descent. Other students had children of their own. I wish that I had gotten to know more of those classmates. I highly recommend students avoid "tunnel vision" of thinking only of school and career. There is a lot more to life. Get to know and interact with those who are not exactly like you, and think about the big questions in life. Make the most of your time at UT Dallas. It is good practice for what lies ahead. And if you are a graduate like me, take a moment to remember how your time at UTD enabled you to get where you are today. I am so thankful that I did. We can all take pride in being a part of a fantastic institution that delivers a first-rate education.



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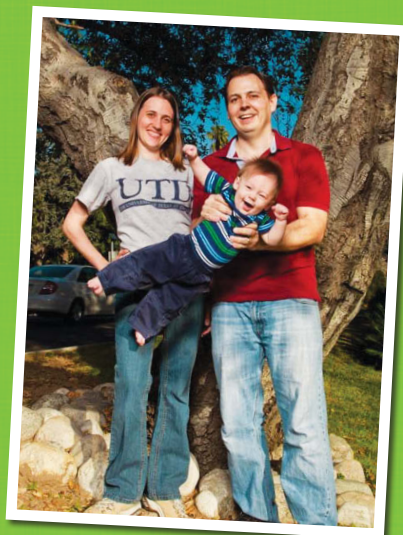
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realize the **VISION**

The Campaign for Tier One & Beyond

University Celebrates First Campaign



Guests enjoyed a sunset reception on Chess Plaza.

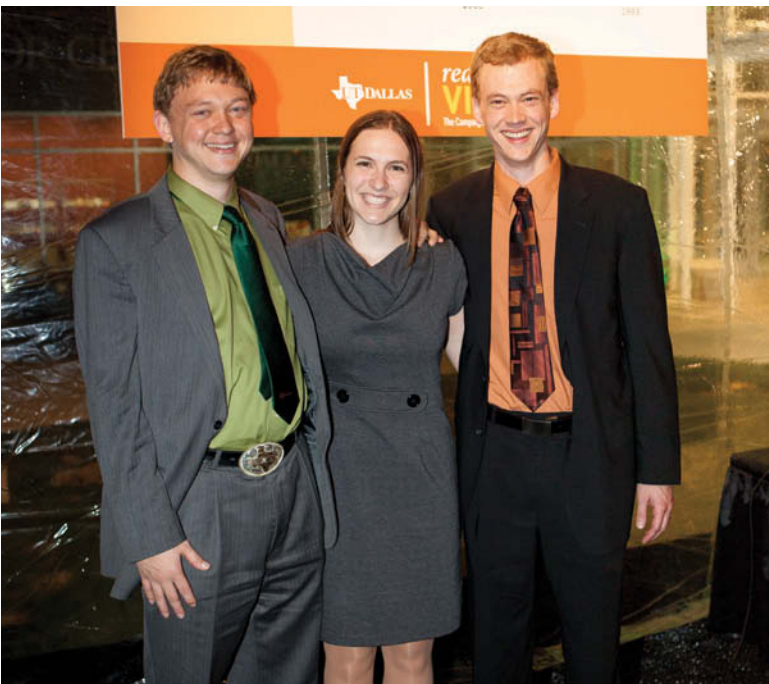
An elegant kickoff for UT Dallas' first comprehensive campaign drew hundreds of the University's most loyal supporters to campus on March 29. Realize the Vision: The Campaign for Tier One & Beyond is a \$200 million, five-year initiative to bolster innovation, build the endowment and enhance excellence in academics and research. Along the way, UT Dallas will continue its pursuit of becoming the first national research university in North Texas.

Calming reflecting pools, shading magnolias and a 2,000-square-foot tent helped mark the University's 40-year transformation from a collection of research stations in a cotton field to a center of educational excellence for almost 20,000 students.

Since the campaign's silent phase began in September 2009, more than \$110 million has been received in generous gifts from alumni and friends. For more photos and information, visit utdallas.edu/campaign.



Donors and friends contributed more than \$110 million in gifts and pledges during the campaign's quiet phase.



Former McDermott Scholar Dr. Walter Voit BS'05, MS'06 (left) visits with his sister-in-law, Jessica Harpham Voit BS'09, and his brother, Benedict Voit BA'08. Jessica and Benedict also are McDermott Scholar alumni.



Claudia Tatum is a parking and transportation specialist at UT Dallas. One of the magnolia trees on campus bears her name, thanks to her commitment to the Campus Enhancement Fund.

Sara Martineau, member and past president of the Foundation for the Callier Center and University Campaign Council member, and David Martineau.



Entertainment was provided by the Texas Instruments Jazz Band.

Leadership

The University Campaign Council is a volunteer leadership team of longtime donors, advocates and friends of UT Dallas. The council's role is to help build awareness of the University and to promote the vision of becoming a Tier One research university.

Honorary Co-Chairs

- Jess Hay
UT System Board of Regents, 1977-1989
- Philip Jonsson
Philip R. Jonsson Foundation
- Margaret McDermott
Civic leader
- Peter O'Donnell
O'Donnell Foundation

Council Co-Chairs

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Civic leader
- James Huffines
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- H. Ronald Nash MS'79
InterWest Partners
- Rich Templeton
Texas Instruments

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Skanska
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- Charles "Chuck" Davidson MS'80
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- Nancy Davidson BS'80
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- Franklyn Jenifer
UT Dallas President, 1994-2005
- Bryce Jordan
UT Dallas President, 1971-1981
- Melendy Lovett MS'82
Texas Instruments
- Steve Lyle
Texas Instruments
- Sara T. Martineau
Civic leader
- Phil Ritter
Dallas/Fort Worth International Airport
- Jeff Robinson
Civic leader
- Robert Rutford
UT Dallas President, 1982-1994
- Jim Von Ehr MS'81
Zyvx Labs



New Benefits for Our Loyal Alumni and Friends

To celebrate and thank the 3,000 donors who generously support the University, new recognition societies have been created with membership benefits that include exclusive invitations, special recognition and private events. Each society name commemorates an aspect or tradition of the University. To see a current membership list of all societies, visit utdallas.edu/development/donors.



The Love Jack Society

Margaret McDermott gave the 10-foot-tall steel “Jack”—created by American modernist sculptor Jim Love—to UT Dallas in 1976. Nestled in University Theatre Plaza, “Jack” was immediately dubbed “Love Jack” by admiring students, and the name has endured.

Members are alumni or friends who gave \$1,000 or more last year.



The Comet Whoosh Society

Some people “Hook ‘em.” Some people “Gig ‘em.” Comets “Whoosh!” UT Dallas began teaching the Comet “whoosh” at new student orientation in 2005 and it’s now embraced as the symbolic gesture for students and alumni.

Members are alumni who give consecutively, at any gift level.



UT Dallas Laureates & Founders Society

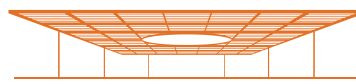
This society shows appreciation for cumulative lifetime giving. Lifetime giving includes the total of all cash gifts made and the value of any gifts-in-kind, such as donated equipment or software.

Founders Society membership is for donors who have given at least \$100,000. Laureates Society begins at \$1 million.

The Legacy Society

Planned gifts provide donors with the satisfaction of knowing their support will make a difference even after they are gone. These gifts also give UT Dallas the opportunity to plan for future growth, knowing these philanthropic commitments will be realized in the years to come.

Members have made a planned gift commitment.

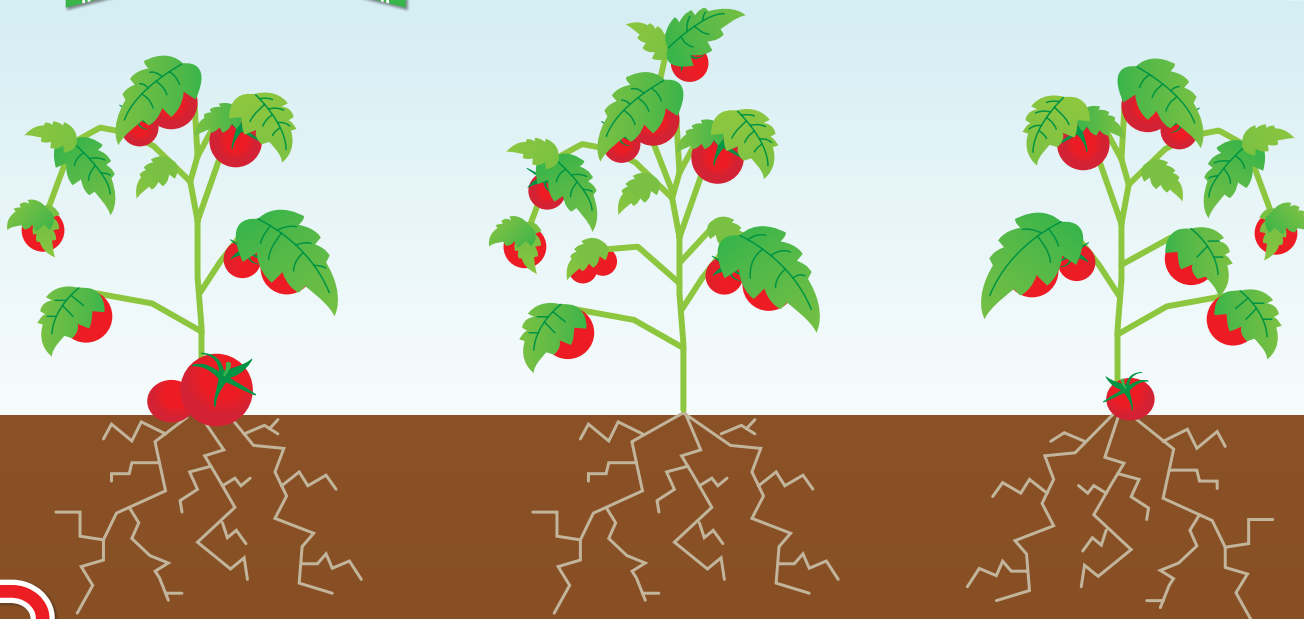


The Trellis Society

A beautiful, massive steel trellis is a key feature among the new Campus Enhancement Project’s 5,000 trees, five reflecting pools and many walkways. Adjacent to the Eugene McDermott Library, the trellis is 165 feet wide, 146 feet long and 25 feet tall, and the plaza it defines now serves as an anchor and central element of our campus.

Membership is for faculty and staff who make a gift to any UT Dallas school, center or program, including gifts made to the University through the State Employee Charitable Campaign.

BRYANT AMBELANG BA'90 *by sara mancuso*



Bryant Ambelang BA'90 keeps a container full of cherubs at his work desk—not the angels, but the shiny, bite-sized tomatoes that are sweet and firm and easy to pop in your mouth.

As president and CEO of San Antonio-based NatureSweet, he says it's important to eat one of the company's tomatoes each and every day.

For Ambelang the transition from college to corporate foodie happened quite serendipitously. At 19, he was busy playing college football at another university. To earn pocket money, he took an internship with Kellogg's that opened an unexpected door to UT Dallas and would later lead to a successful career running one of the largest tomato producers in the country.

Kellogg's wanted Ambelang for the rough and oftentimes dirty job of beautifying the cereal aisles of grocery stores. "I spent most of my time scraping gum off the bottom of the shelves," he remembered. But the money? That's what made it worth it. With his new salary, Ambelang was able to transfer to UT Dallas.

Though he was sad to leave his football scholarship behind, Ambelang was glad to get back to the Metroplex and closer to his Garland roots. "At the time it tore my heart out to leave football behind. It was a pragmatic decision."

Ambelang said his personality fit perfectly with the culture of the University at the time. UT Dallas had yet to admit freshmen or sophomores, so "my classmates were very serious about school. And the professors were very serious about teaching," he said. With no time for extracurricular fun, Ambelang spent his days working at local grocery stores for Kellogg's and his nights in the classroom.

With his sights set on law school, he feasted on the political science classes in the School of Economic, Political and Policy Sciences. But like many students, there was a moment in class that altered the career path he decided to take.

While sitting in a political economy class, discussing the writings of economist Friedrich August Hayek, discussion turned to the "power of free enterprise to transform society," Ambelang recalled. Something clicked. "The discussion intensified my belief in the power of individual freedom. I realized that for me, free enterprise provided the best avenue to unleash the power of people." And so Ambelang altered his path, striking out in a new direction.

Graduation from UT Dallas came just a few months after a wedding to his fiancée. Shortly after they tied the knot, Kellogg's sent the couple to Colorado and then to Michigan. During that time, Ambelang held positions in sales and brand management, focusing on



new product development for brands like Rice Krispies Treats and Honey Crunch Corn Flakes. “The experience taught me how to launch new brands into the marketplace, which proved to be very useful for the future.”

Eventually, another major food manufacturer came knocking on his door. Campbell Soup Company had just bought San Antonio-based Pace Foods, which is known for its salsas. “Campbell’s had purchased the company, but no one in their headquarters knew anything about hot sauce. They needed someone who knew what a picante sauce was supposed to taste like,” said the proud Texan. So the Ambelang family, which currently includes five kids ages 8 to 20, headed back to the Lone Star State.

Ambelang’s time in the new position was short-lived; he was soon recruited away by a group of former Pace executives who had started

a private equity group and wanted his help investing in high-potential small food companies. One of their finds proved career-changing. “We found this small company that was selling greenhouses,” Ambelang said. “But what was more interesting were the great-tasting tomatoes inside those greenhouses.”

It struck him that this company—NatureSweet—was special. But why? “From the beginning, I realized that this business had the opportunity to transform agriculture and the lives of the people who work inside the industry.” The company has built more than 1,000 acres of greenhouses and employs over 5,000 people. “We looked for areas where the temperature and light would allow us to grow tomatoes year-round. Because we grow tomatoes throughout the year, we do not use migrant labor. These full-time employees enjoy health benefits and training.”

Whether Ambelang is in Israel researching new tomato seeds or in Mexico surveying the company’s greenhouses, he acknowledges that sunlight and plant disease present constant challenges to the agriculture business. “We like to say that we wake up each day and wrestle with God to grow the best-tasting tomatoes in the world.”

In his approach to life and business, Ambelang still looks to great authors for inspiration. “Steve Jobs’ biography talks about how he created Apple to be at the intersection of liberal arts and technology, very similar to how UT Dallas is viewed today,” he said. “My experience at UT Dallas taught me to value the humanities and examine the values of history, what motivates us and what threatens us—all of this impacts how I run the company today.”



Above left: Ambelang is proud of NatureSweet’s success in providing health benefits and training to its full-time employees.

Above right: Dr. James Marquart, dean of the School of Economic, Political and Policy Sciences, with Ambelang.

Right: Ambelang, president and CEO of San Antonio-based NatureSweet, oversees a company that employs more than 5,000 people and operates more than 1,000 acres of greenhouses.



ALUMNI NOTES

Rich Williams BA'05, MBA'10 (far right) plays bass for Gallery Cat, a hip-hop band that played to a full house during a campus concert sponsored by Radio UTD in March. Rich, who works to improve the University's online presence as a web developer, is known to friends and fans of the band as "Filthy Rich." Gallery Cat has twice been nominated for hip-hop act of the year by the *Dallas Observer*, which also placed the group's New Year's Eve party first on a list of top destinations for the holiday. Shown with Rich are keyboardist Johnny Mack and drummer John Solis.



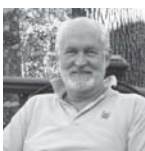
1970s ▶

William O. Holston Jr. BA'78 has been named executive director of The Human Rights Initiative of North Texas (HRI). Since 1987, Bill has provided pro bono legal representation for political and religious asylum applicants from 18 countries in immigration court, volunteering for HRI for the past 10 years. In 2005, Bill was awarded the Angel of Freedom Award by HRI. Before joining HRI, Bill was a partner in the firm Sullivan & Holston. Bill is a teacher and lay minister at Fellowship Bible Church Arapaho, serves on the board of Art Conspiracy Inc., is a frequent commentator on KERA-FM (90.1) in Dallas and contributes pieces on local hiking excursions to *D Magazine's* Front-Burner blog.

1980s ▶



Julie Rushin BS'80, deputy chief information officer for operations support at the Internal Revenue Service (IRS) in Atlanta, was named a 2011 finalist for the Citizen Services Medal, one of the Samuel J. Heyman Service to America Medals awarded by the Partnership for Public Service to celebrate excellence in federal civil service. She was recognized for developing a way for prospective college students and their parents to import tax data into their online federal loan applications.



Patrick Williams, MD, MS'80 has written *Hope for the Caveman: Becoming New Men for Today's World*, a book about gender differences in the human brain.

Steven Bellah BA'82 joined Clear Thinking Group in 2011 to lead the firm's new office in Dallas. Before joining Clear Thinking, Steven served as a senior associate with a consulting firm, a director of Silver Spring Securities, a registered broker-dealer, senior vice president/business development officer at Wells Fargo Retail Finance, and division manager at Wells Fargo Business Credit. He also was managing director and region manager for GE Capital's Commercial Finance division and served as vice president and region manager for The CIT Group/Business Credit.

Joyce Lehe MS'82 was honored with the 2011 Excellence in Teaching Award from Eastfield College in Dallas. She teaches developmental reading and has worked at Eastfield for three years.

Cindy Welch BS'86 was re-elected to the position of director of Region II for 2011-2012 for the National Federation of Paralegal Associations. Cindy is in her 10th year as an adjunct professor, including five spent teaching in the paralegal department of El Centro College, Dallas.

Alan Haase MBA'88 is president and CEO of Acorn Growth Company Composites Group. Previously, Alan was the president and CEO of TMC Aerospace.

1990s ▶

Daniel Parry BS'93, MBA'97 is executive vice president and chief credit officer of Exeter Finance Corp., a company that he cofounded in 2006. The company was acquired by the Blackstone investment firm in 2011.

Allen Pusey BA'94 has been named editor and publisher of the *ABA Journal*, the flagship publication of the American Bar Association (ABA) and one of the world's most widely circulated legal periodicals. In addition to overseeing the editorial and business operations of the magazine, he will oversee the *Journal's* email publications and website. Before joining the ABA, Allen worked 26 years for *The Dallas Morning News* as an investigative reporter, feature writer, special projects editor and U.S. Supreme Court correspondent. His work has appeared in *Time*, *Texas Monthly*, *The Texas Observer*, the *New York Times Magazine* and *Maclean's*.

Karen Sledge MBA'94, vice president and controller in the Broadcast Communications Systems business of Harris Corp., has been featured in *Profiles in Diversity Journal's* 10th annual list of Women Worth Watching®. She is one of 131 business representatives whose names were submitted for the recognition by their employers. She currently is responsible for overseeing strategic planning, financial reporting and forecasting for the Harris Broadcast Communications Systems business. Prior to joining Harris, Karen was vice president of finance at Avaya and spent more than 20 years at Nortel Networks.

ALUMNI NOTES



Tamara Warner Minton BA'96 recently received her certification for administering the Myers-Briggs Type Indicator test. She is an independent college admissions consultant and career counselor in Dallas.

Christopher Sloan BS'96 was named district manager for one of the Atlanta offices of Insperity Inc. Prior to joining Insperity, Christopher was regional sales manager for Allstate Benefits in Mississippi and director of business development at Worksite Connect in Alpharetta, Ga.

2000S ▶

Frank Villa-Abrille BS'00 recently accepted a director-level position as front-end architect at Amplifi Commerce.

Sarrah Carroll BA'02 recently joined the Florida Sheriffs Association as assistant executive director of operations. Sarrah previously lobbied for the Florida Association of Counties and worked as press secretary at the Florida Department of Children and Families.

Ilker Aslan BS'03 obtained his MSc in EU business and law from Aarhus University in Aarhus, Denmark, in 2006. He has been working as a financial analyst in Zurich, Switzerland, at SIX Securities Services since 2010 and is also in the process of earning his doctorate in political economy at the University of Fribourg, Switzerland.

Melvin Chu BS'03 crossed the finish line in Central Park three hours, 39 minutes and six seconds after starting his first ING New York City Marathon in November 2011. It was Melvin's personal best time since he took up running marathons a few years

ago. His blog, Runners Drink Beer, can be found at Runnersdrinkbeer.com; he also has a Facebook group with the same name. Melvin regularly hosts group runs and social gatherings for Metroplex runners.



Erin Dougherty BA'03, MPA'07 and **Ray Mitchel BA'03** are pleased to announce the birth of their daughter, Anika. The future member of the class of '33 was born in August 2011.

Carter Pate MS'03 was appointed chief executive officer of MV Transportation Inc. last year. In addition, Carter serves as CEO of all the company's subsidiaries and is a member of its board of directors. He is a co-author of *The Phoenix Effect: 9 Revitalizing Strategies No Business Can Do Without*.



Christine Therese Bumanglag BS'04 and **Justin Lee Gardner BS'06** were married in August 2011 in Houston.

Doug Thompson Jr. MBA'04 was recently named director of product management at Interop Technologies. Prior to joining Interop, Doug served as senior manager of product management and marketing at Huawei Technologies. He also spent 13 years at Nortel Networks, where he was a product line manager and service introduction leader.



Dr. Derrick Chen BA'06, MS'06 received the Vernie A. Stembridge, M.D., Scholarship Award in Pathology and the Vanatta, Hesser, Schmalstieg Excellence in Tutoring Award in 2011 while a student at UT Southwestern.

Kathryn Lynn Barker BA'09 and **James Matthew Gaughan BS'07** were married on April 30, 2011, at the Genesee Theatre in Waukegan, Ill. The wedding party included alumni from Kathryn's Delta Delta Delta sorority and James' Kappa Sigma fraternity. The wedding was featured on an episode of TLC's "Four Weddings" that aired on August 26, 2011. The couple now resides in Chicago.

He is currently a pathology resident at the Cleveland Clinic.

Zane Phillip Finch II BA'06 and Courtney Shea Masquat were married last year at The Silo Event Center in Tulsa, Okla.

Sabrina Martinez BA'06 is working as a fiscal specialist at Washington State University.

Dr. Brian McCall PhD'06 was appointed in 2011 to fill a newly created position on the board of directors of ViewPoint Financial Group Inc., the holding company for ViewPoint Bank. Brian's term will expire at the annual meeting of shareholders in 2014. He has served as a member of the board of directors of ViewPoint Bank, the company's wholly owned subsidiary, since September 2009. He is chancellor of the Texas State University System and previously served in the Texas House of Representatives, to which he was elected in 1991 to represent the areas of North Dallas, Frisco, Allen and Plano.



Pam McKenzie BA'07 and **Michael Parmerlee BS'06** were married in November 2011.

Jacob A. Moldenhauer MS'07, PhD'10 recently joined the faculty at Francis Marion University in Florence, S.C., as an assistant professor of physics.

David Rubin MBA'07 has been appointed director of sales for North America for Luminus Devices Inc. David assumes the leadership role in managing sales for direct and distribution customers in the markets served by Luminus. He joins Luminus from Everlight Americas where he served as president, significantly growing sales in the LED market.

2010S ▶

Sarah Moore BA'08 has been promoted to IT systems administrator at Texas Woman's University Dallas. She also works as a remote freelance 3D modeler for ReelFX.

Julie Kangas BA'09 was selected as a recipient of the 2011 Golden Key Graduate Scholar Award, which includes a \$10,000 scholarship. She is currently attending Southern Methodist University for graduate studies.

Marissa Tavallae BS'09 was promoted in 2011 to vice president of A Child's Garden Montessori School in Carrollton, Texas.

Benjamin Farnia BA'10 was selected as a recipient of the 2011 Golden Key Council of Advisors Award, which includes a \$10,000 scholarship. He is an MD candidate at Baylor College of Medicine.



Adam Guerrero PhD'10 joined the faculty of the DeVos Graduate School of Management at Northwood University in 2011. His areas of specialization are business and economic policy, and finance.

Alexandra Ransom BS'10 currently works as a property standards specialist for the City of Plano.

Cynthia Tran BS'10 accepted a position with Texas Scottish Rite Hospital for Children as a division order analyst in June 2011.

Tracy Williams BA'10 is proud to announce the birth of her daughter, who was born in January 2011. Tracy is a career development specialist at Workforce Solutions Greater Dallas.

Mohammed Bsiso MA'11 contributed "Syria: On The Cross Roads Of Revolution – OpEd" to PalestineChronicle.com. The article was featured on Eurasiareview.com in July 2011. Mohammed also writes a blog, Islamicnewsandhistory.blogspot.com.

Pauras Z. Memon BS'11 started medical school at UT Southwestern Medical Center in fall 2011.



KEVIN TODORA BA'05

Kevin Todora BA'05 received an Otis and Velma Davis Dozier Travel Grant from the Dallas Museum of Art. With the grant, Kevin, a Dallas-based artist, attended the 2011 Venice Biennale. The Otis and Velma Davis Dozier Travel Grant honors the memory of Dallas artists Otis and Velma Dozier, who strongly believed in the enriching influence of travel on an artist's work. The grant recognizes exceptional talent in professional artists at least 30 years of age who reside in Texas.

Kevin's work was recently shown in galleries in Fort Worth and Dallas.



IN MEMORIAM

Mary Hellman BGS'77, Oct. 10, 2011, Asheville, N.C. Hellman traveled extensively and lived in Hawaii, Germany, Texas and Sweden before settling in western North Carolina. Besides travel, she enjoyed cooking and the arts, and was a voracious reader. While living in Stockholm, Sweden, she worked for the American Drama Company as a producer of plays and was active in the Swedish American Women's group.

James William Wilson, BA'78, MS'85, Oct. 24, 2011, Dallas. Wilson, a graduate of Highland Park schools, received a bachelor's degree in anthropology and a master's degree in environmental science from UT Dallas. He completed an internship in Nepal, India, and loved the Texas Hill Country.

James Alan Bailey BS'79, May 3, 2011, Fort Worth. Bailey enjoyed a 30-year career as a certified public accountant, including 20 years at the Federal Deposit Insurance Corp. He was a loyal Green Bay Packers fan and car enthusiast.

Daisy Lucille Sigler Heifner BGS'80, Nov. 14, 2011, Dallas. Heifner graduated as valedictorian from Scurry-Rosser High School in 1936. She studied at the then-Draughon's Business College and received her certificate in 1939. Heifner began her career as an executive secretary for Kroehler Manufacturing Company during World War II. She started taking college courses at night and received her degree from UT Dallas when she was 63 years old. She was an avid and published writer. Averse to computers, she relied on her IBM Selectric typewriter and snail mail. She loved working crossword puzzles and reading, but hated to cook.

James Saunders MS'82, July 5, 2011, Bartlesville, Okla. Saunders spent almost 20 years working as an accountant and auditor for MeadWestvaco in both Covington and Richmond, Va. In 2008, he went to work for ConocoPhillips in Bartlesville. He was an avid sports fan and loved biking, hiking, camping and bird watching. He enjoyed sharing his love of music and movies with his wife and children.

Milan Yancy MS'85, PhD'88, Sept. 2, 2011, Spanish Forge, Ala. Yancy was the director of environmental science at Burk-Kleinpeter Inc. He served as lector and eucharistic minister at St. Mary Catholic Church in Mobile, Ala. He was a member of the Parent and Teacher Organization at St. Mary's School and also coached the girls soccer and basketball teams. Yancy served on the school board of McGill-Toolen Catholic High School in Mobile. He was a member of Kappa Alpha Psi Fraternity Inc.

Leona Beloin BS'88, Nov. 22, 2011, The Colony, Texas. Beloin was originally from Colebrook, N.H., but moved to Texas in 1979 to escape the cold. She worked for Frito-Lay, a unit within PepsiCo, from 1996 until her passing. She was known for her great smile and fabulous laugh. She enjoyed traveling and working in her flower garden.

Randall "Randy" Merlin McTaggart BA'92, Aug. 10, 2011, Dallas. McTaggart moved to Dallas in 1967. For the past 16 years, he worked as a realtor, starting at the Henry S. Miller Company, and then moving to RE/MAX Premier Properties, where he worked until his passing.

Elizabeth "Liz" Hall Cowles MA'93, Oct. 18, 2011, Dallas. Cowles was a longtime Dallas advocate for women and children. Her community service benefited a host of organizations dealing with issues including AIDS and mental health. Her efforts included serving as executive director of LifeSpan and as the founding director of Dallas Healthy Start, both programs that assist pregnant and parenting adolescents. Cowles also was a founding board member of the Promise House youth shelter and served on the Dallas Commission of Children and Youth.

Leland Burt Dillaha MSEE'97, Dec. 6, 2011, Richardson. Dillaha graduated from Hillcrest High School and received engineering degrees from Texas A&M University and UT Dallas.

Melody Ann Williamson Webber MPA'99, Nov. 17, 2011, Richardson. Webber was a member of Pi Sigma Alpha Political Science Honor Society and Alpha Chi National College Honor Society at UT Arlington. She obtained a Bachelor of Arts in political science from UT Arlington, a Master of Public Affairs from UT Dallas, and an associate degree in nursing from Trenton Junior College. Webber was a registered nurse in the Neonatal Intensive Care Unit at Medical City Dallas Hospital.

Elizabeth Gensheimer MS'02, Aug. 16, 2011, Plano. Gensheimer was a software designer for Hewlett-Packard. She was an avid horsewoman, photographer, gardener and board gamer. Gensheimer was well known in the Renaissance Faire community and was active with her Red Hat Society group in Plano.

Nora "Sally" Mead BA'07, Teacher Certification'07, Sept. 3, 2011, Wylie, Texas. Mead was raised in Carrollton. She was a graduate of R.L. Turner High School, Richland College and UT Dallas. She enjoyed teaching at Liberty Grove Elementary School in Rowlett, Texas.



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IN MEMORIAM

Remembrances of University
Faculty, Staff and Friends

Howard L. Terry 1916-2012



Houston businessman and philanthropist Howard Terry often cited his own experience as the catalyst for creating the Terry Foundation with his wife, Nancy. He believed that his success came, in part, through an athletic scholarship that allowed him to attend UT Austin, where he earned a BBA in 1938.

Terry had been successful in a wide variety of businesses, ranging from banking to oil and gas, but he called the foundation's scholarship program his top achievement. "The Terry Foundation is the most important thing I've done in my life, because it's enabled me to help more people than I would have ever been able to help otherwise," he once said.

"UT Dallas and many other institutions will be indebted to him for his enduring dedication to the academic success of Texas students," said President David E. Daniel. "We and our alumni and students who have benefited from his vision are saddened by his passing."

The Terry Foundation has awarded more than \$100 million to 2,500-plus collegians since 1986. At UTD, 84 students have been named Terry Scholars, receiving nearly \$3.5 million from the foundation, which enabled them to graduate without debt.

Sabine Madriguera 1970-2012



Guitarist and professor Sabine Madriguera was an advocate for youth guitar education in Texas.

A lecturer at UT Dallas, she also was the director of guitar studies at Collin College and created the first Youth Division for the Texas Annual Guitar Competition at UTD in 2010.

Sabine Madriguera and her husband, Enric Madriguera, professor and director of guitar studies at UTD and holder of the Russell Cleveland Professor in Guitar Studies, formed Duo Madriguera in 1996. The couple performed in festivals in the Americas and Europe including prestigious halls such as the Sala Manuel M. Ponce at the Palace of Fine Arts in Mexico City and the concert hall of the Villa de Madrid for the Guitar Society of Spain.

Sabine Madriguera's student ensembles at Collin College were highly competitive and earned top honors at The University of Texas at Brownsville Guitar Ensemble Festival and Competition.

She earned a master's degree in guitar performance and pedagogy from Hochschule fuer Musik "Hanns Eisler" in Berlin, Germany, and she was a member of the advisory board to the Allegro Guitar Society. In 2005 she became the first director of the Guitar Orchestra for Cross Timbers Youth Orchestra.

The School of Arts and Humanities has established the Sabine Madriguera Scholarship Fund in her honor. The fund will provide scholarships so that students can pursue their music interests.

Sarah "Sallie" O'Neill Asche 1947-2012



Sallie Asche was a longtime University supporter and founding member of the advisory board for the UT Dallas Center for Vital Longevity (CVL).

Asche had an interest in neuroscience and a hope that through research, advances could be made to ease suffering from strokes, Alzheimer's disease and cognitive losses associated with aging.

In 2004, Asche and her late husband, Frederic B. "Tex" Asche, donated funds for the completion of a wing at the UT Dallas Center for BrainHealth. The Sallie and Frederic B. Asche Jr. Advanced Treatment Wing provides interventions for victims of stroke and other forms of brain injury.

The Sallie Asche Fund for Vital Aging has been established in her honor. The fund will support lectures and research at CVL.

"Sallie will forever be a part of our center and the spectacular advances we are making in understanding Alzheimer's disease and how to slow the aging of the mind," said Dr. Denise Park, CVL co-director.

Allen Krause 1924-2012



Allen Krause spent more than two decades working as a counselor at the University's Career Center.

After retiring, Krause returned to the Career Center to work part-time and later volunteered there until his early 80s. The University dedicated the Career Resource Library in his honor during a surprise ceremony several years ago.

Krause earned a master's degree in psychology from Case Western Reserve University. He was a graduate assistant to the late Dr. John Holland, a psychologist

and researcher who developed a career development theory that is still used today.

Krause also was a published poet, a children's book author, a statistician and a horse racing handicapper, although not necessarily a big gambler. He donated his collection of professional journals to the Eugene McDermott Library when he retired.

Jack Julius Lamb Jr. 1946-2011



Jack Lamb was past chair of the former UT Dallas Alumni Association and was currently serving on the UT Dallas School of Arts and Humanities Advisory Council. He

was also a mentor in the UT Dallas Cohort MBA program and he served on the UT Dallas School of Management Accounting and Information Management Executive Advisory Board. In 2002, Lamb received UT Dallas official class ring No. 1 for being the largest contributor to the Ring Award Endowment. He was a member of the Bentwood Trail Presbyterian Church, where he served as treasurer. He earned a bachelor's degree in business administration from UTD in 1990.

Lamb held various positions with the Campbell Green Neighborhood Association, the Far North Dallas area where he and his wife, Karen, lived for more than 12 years. He also was vice president of the North Dallas Neighborhood Alliance.

Sallie Head George Mackey 1933-2011



Sallie Head George Mackey received a bachelor's degree in history in 1979 and teacher certification in 1994, both from UT Dallas. She worked at UTD for two decades, retiring in 1999 after 20 years of service as assistant to the dean of the School of Human Development, now known as the School of Behavioral and Brain Sciences.

Mackey was a 40-year member of the Daughters of the American Revolution (DAR), Mary Shirley McGuire Chapter in Plano, holding the office of regent twice. She also was a member of the Dallas Area Past Regents Council of the DAR and the Daughters of the Republic of Texas.



Dr. Susan Briante, associate professor of creative writing and literature.

“When in truth, I don’t teach theater history. I do teach how people themselves perform, in terms of gender, race, sexuality and class. And I am a working performer. Taking this job afforded me the opportunity to be my whole self.”

It is a sentiment echoed by Dr. Susan Briante, assistant professor of creative writing and literature and a poet. “Odd as this might sound, creative writing is not a part of literature at other institutions. Some scholars would look at my work as a poet and see it as a hobby,” she said. “Here, both my work as a scholar and a poet are seen and valued. This was a nice fit.”

“We believe in hiring really smart people and letting them decide what they are doing and what they are teaching,” said Brettell. This semester he has a small group of undergraduate science majors who are taking Understanding Art.

“I’ve never taught that in my life,” he said.

Similar courses usually called Art Appreciation are a staple of traditional art departments. If Brettell were at one of these schools, he’d be saddled with teaching his specialty—French painting from the French revolution of 1848 to the invention of the Modern Museum of Art

in 1929—every semester to art majors.

This group of science undergraduates doesn’t even recognize the name Peter Paul Rubens, the great Flemish baroque painter.

“While it is shocking to some people that a freshman has never heard of Rubens, I dare say freshmen at Harvard and Yale have never heard of Rubens either,” he said. “You have to start somewhere.”

Brettell begins at museums and local collectors’ homes so the students can see and touch real art objects and so they know art exists in places other than on the East Coast or in the rarified air of museums.

“We get really smart students. They were raised to be smart,” said Brettell, who enjoys the global viewpoint these students bring to the class. He cited a recent outing at the home of a North Dallas collector where the class had gone to talk about religious art, “not so much in style and authorship but how the works had been used in their societies and what it told us about those societies.” One of his students of Indian descent began explaining the significance of an Asian work with monkeys and multi-hued gods. “The students were stunned that this young woman who is a scientist could completely get lost in the world of Moghul miniatures of the 17th and 18th centuries because she knows the cultural traditions,” he said.

Another student, a Korean, riffed on Chinese history by way of Chinese archeological objects. Brettell said, “This guy had a sense of the way works of art embody certain things that he liked and didn’t like about that history. So it’s been



fascinating. It’s not a very structured class, a lot like UTD in general.”

Brettell can get structured when the need arises. Although he doesn’t mention it as one of his recent accomplishments, he was the force behind establishing CentralTrak, an arts residency program that gives eight artists living/studio spaces in a building off campus near downtown Dallas. Four are UTD graduate students and four are visiting artists that come from all over the world. “No other university in Texas has an art residency program,” said Heyd Fontenot, the current director. “It’s a beautiful live-work space. It’s the nicest facility I’ve experienced, as an artist and resident.”

CentralTrak is the most visible art entity UTD has. It is recognized for its groundbreaking exhibits such as last year’s “Gun and Knife Show” and for its largess in incubating young talent.

The current stable of residents includes an artist who makes digital files and sends them to China to be reproduced and a 28-year-old dancer seeking her doctorate in aesthetic studies, video and performance. “So it is very interdisciplinary from artist to artist,” said Fontenot, who had a printmaker, a sculptor and a filmmaker move in over the course of the spring semester.

He points out the de-emphasis on traditional studio practices, saying there are few painters in the mix. “We are looking into the next century and practical applications for art,” he said.

The traditional career paths are often referred to as “legacy” at UTD. For

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Heyd Fontenot is the director of CentralTrak, a Deep Ellum artist residency and gallery that is part of UTD.

example: “I moved on from legacy media,” said Gary Hardee, who is in his mid-50s. Translation: Hardee held various positions in print business for 30 years, the last as a newspaper editor. He’s back in school, looking for the next iteration of his career, which he describes as “narrative in the digital world as it relates to journalism in the virtual world.”

He finished his master’s in 2011 and is now a doctoral student. He’s in the ATEC program, but since he’s been on campus, professes to have “not taken a single class within the old arts and humanities structure.”

Hardee recognizes the thunderous shift change from when he first went to college and what is offered now. There are differences in the course lists, the classroom structure and the way students navigate learning. “I do believe that ATEC is exploring areas that so many other places haven’t thought of, in very collaborative ways. We work with subject matter in so many fields. It’s unique and I like that.”

Taking 18-year-old freshmen and turning them into confident, imaginative thinkers is an enormous challenge. “A lot

of them come from a high school system where they are learning to the test,” said Parry. “We spend the first several weeks in class telling them, ‘No. No, there is no correct answer.’”

Fortunately UTD has its pick of the most intelligent applicants, with the main competition for the best and brightest in the state coming from Rice University in Houston.

The incoming talent pool is promising, but, said Reese, “at first they don’t trust themselves. Smart people are the worst to teach because they don’t know how to fail. They are really driven.”

Often they are first-generation students. “They think education really matters and they need the certification to move up,” Parry said.

Some universities do not have sizable numbers of first-generation students. These institutions have upper middle-class and above students whose life choices have already been made. The majority know they will succeed in the world. Education is just the next thing to do.

Being first generation is vastly different. For many of UTD’s students, education is what they have to do to improve their life chances. “It makes them hungry. The transformation they undergo from learning to the test and learning to explore is exciting,” said Parry.

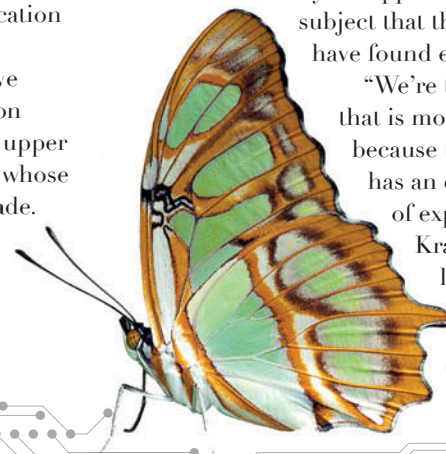
Brettell remembers the first seminar he taught at UTD because the students were so different from the ones he taught at Yale (between the ages of 21 and 23 and fundamentally “all the same”). His first seminar at UTD was a graduate level course. “I remember the age range was 17 to 81. At one end, was an Egyptian-born Jew with a world view and at the other a brilliant 17-year-old in graduate school; in the middle was a mom whose kids had left home.

“We have a real global and age range population that makes the job of teaching much more rewarding and stimulating than in a traditional university,” said Brettell.

The differences from the type of student to the type of organizational structure are good things, as Kratz needs to fill nine new positions in anticipation of the growing school and opening of the new building. He will find them by looking beyond the borders of their dissertations, he said, looking for people who have accomplished one thing and are on to the next.

“People are happiest here who have academic Attention Deficit Disorder,” Kratz said, fully expecting his staff to be as inquisitive as his graduates, moving on to another field of interest or finding new ways of approaching their subject that they wouldn’t have found elsewhere.

“We’re telling a story that is moving forward because this school has an environment of experimentation,” Kratz said. “A lot of places are just hanging on.”



Outside the entrance to a lecture hall in Founders North hangs a picture of its namesake—Dr. Polykarp Kusch, who was the Eugene McDermott Professor of Physics. The Nobel laureate in physics spearheaded the conversion of a campus movie theater to a 2,535-square-foot, 185-seat lecture hall complete with laboratory bench and lectern. It provided the main stage from which Kusch made physics come alive for his students.



Hindsight: Margie Renfrow on Polykarp Kusch

In April, retired UTD staffer Margie Renfrow attended The Polykarp Kusch Lecture Series: *Concerns of the Lively Mind*, just as she has for 28 years. The series was established in 1982 to honor Kusch, a Regental Professor and the Eugene McDermott Chair in Physics.

Renfrow, whose 38-year career at UTD began when Kusch hired her as a temporary office worker in 1973, recently reminisced about working for the University's first Nobel laureate.

"Kusch said he came down here [to Texas from Columbia University in New York] with the idea that he could help build a university that was perhaps different than the ones that were currently in existence.

"Here, he created a course for non-scientists called Phenomena of Nature. It was a showpiece.

"Kusch was better than Mr. Wizard. He would put ice bombs in the corner of the room so they'd go off about halfway through the lecture. He believed in things being dramatic. One time he said he needed some fur.

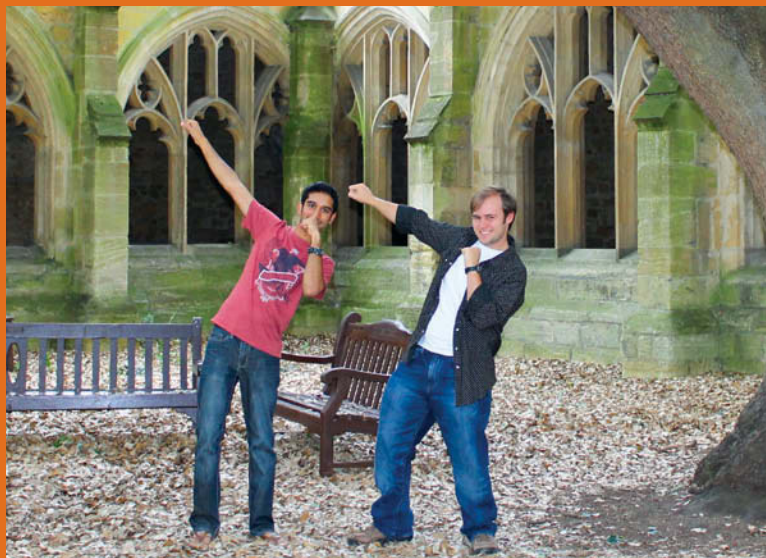
And I had some sandals with a little bit of mink on them, so I took it off my sandals and brought it to him. He used it to show static electricity. We improvised a lot.

"He once said, 'I describe myself as an adequate scientist, but I am a superb teacher.'"

Kusch shared the 1955 Nobel Prize in physics with Willis Lamb. At an address during the award ceremony, Kusch said, "Science is the greatest creative impulse of our time. It dominates the intellectual scene and forms our lives, not only in the material things which it has given us, but also in that it guides our spirit. Science shows us truth and beauty and fills each day with a fresh wonder of the exquisite order which governs our world."

Kusch's Phenomena of Nature is still taught today. Equipment has been updated or replaced over the years and the two-semester format is now condensed into one, but the essence of the course, the experiments that demonstrate the principles of physics, remains unchanged.

A Whoosh Heard 'round the World



Sachin Shah and Josh Brumett do the Comet Whoosh from the cloisters of New College at Oxford University, England. (Fans might recognize the site as the location where Mad-Eye Moody turned Draco Malfoy into a ferret in *Harry Potter and the Goblet of Fire*.) Both juniors, Shah is a biology major and Brumett is a literary studies major. They were at Oxford as part of the Eugene McDermott Scholars Program, which in 11 years has sent nearly 200 distinguished scholars to study abroad in more than 50 countries. The McDermott Scholars award covers all expenses for four years of education along with an array of extracurricular experiences that include internships, cultural enrichment and travel.

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