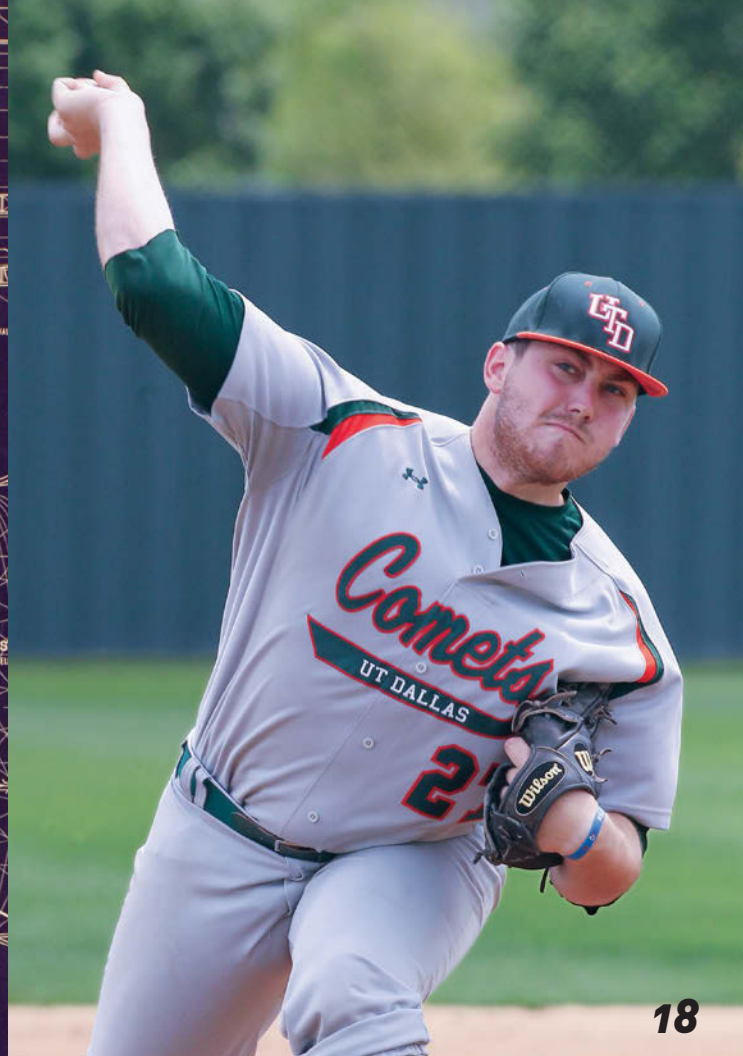
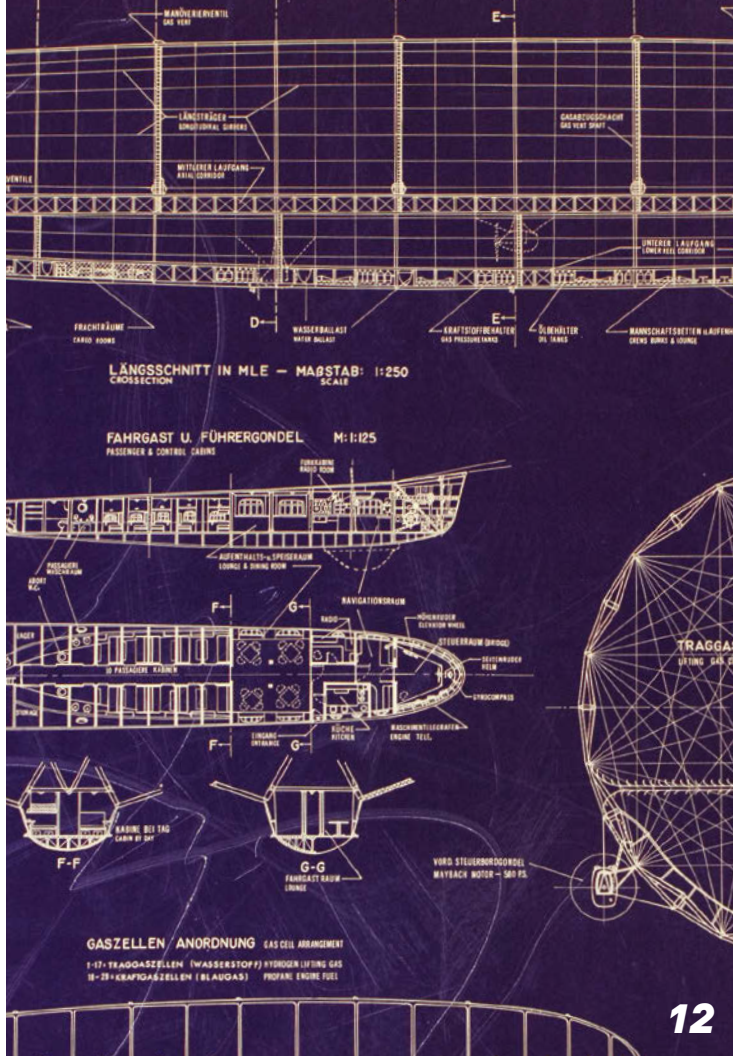


UT DALLAS

M A G A Z I N E





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UT DALLAS

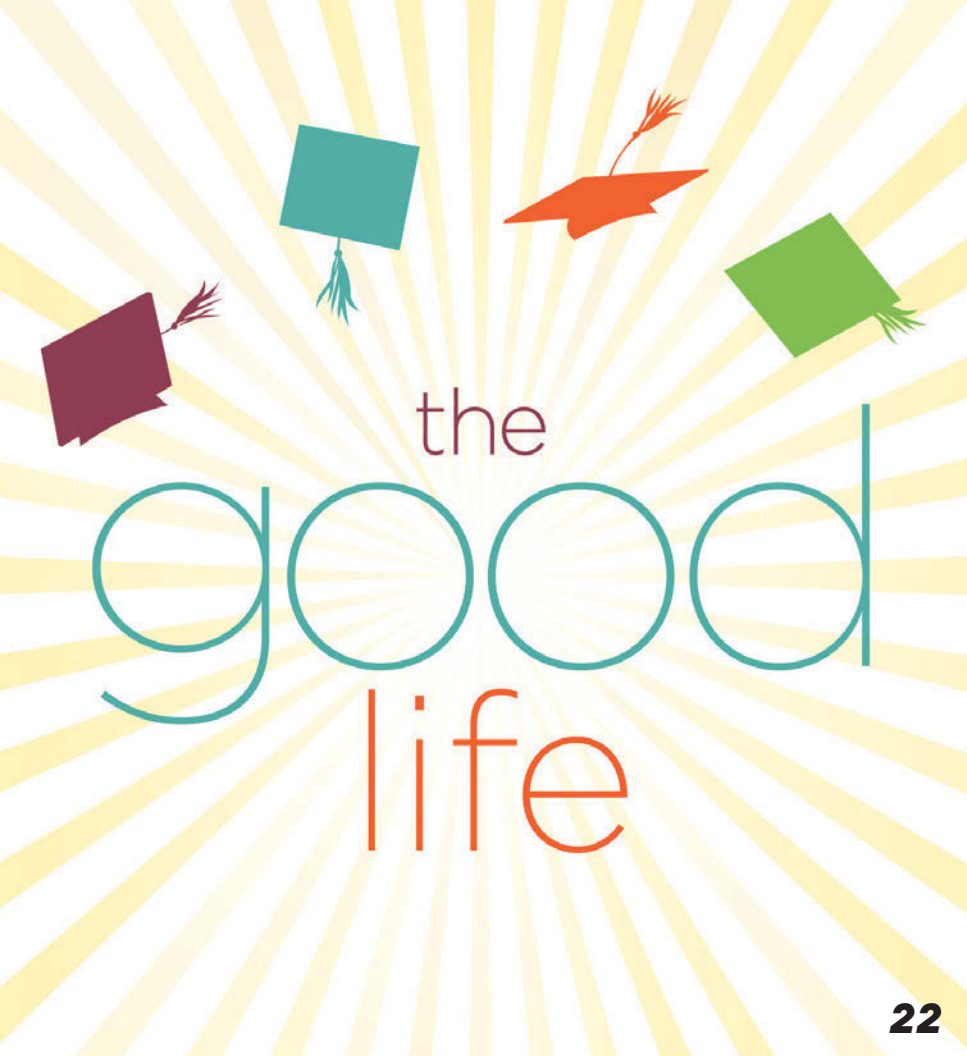
M A G A Z I N E

Volume 5, Issue 1
Fall 2014

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 We offer glimpses of some of the rare or historically significant items that can be found in the Eugene McDermott Library, safeguarded within the Special Collections and Archives Division. This issue highlights the Lighter-Than-Air Collection and the General James "Jimmy" H. Doolittle Archives.

CLASSROOM ALL-STARS 18
 For the almost 100 University student-athletes named to the Academic All-Conference list, striving for good grades provides another outlet for their competitive drive. Some of these classroom all-stars provide insight into what it takes to balance academics and athletics.

THE GOOD LIFE 22
 After graduating with no student debt, Andrew Seguin BS'09 spent six months traveling around the country before snagging a position first at Amazon and then at Google's corporate headquarters in California. Employers are looking for well-rounded alumni like Andrew, who not only earn degrees in high-demand fields but also possess critical thinking skills and willingness to help in their communities.

ALUMNI PROFILE:
ANGELA SHOUP BS'89, MS'92, PHD'94 35
 Dr. Angela Shoup credits her education at UT Dallas and the Callier Center for preparing her to be director of the division of communicative and vestibular disorders at UT Southwestern. It's an important position, one in which she provides patient care, teaches students, conducts research and leads a team of 28 clinicians.



LETTERS TO THE EDITORS

In response to the Spring Issue ...

Collegiate chess at the elite level is representative of the global battle for talent that exists in today's world. I am gratified that the UT Dallas Chess Program continues to demonstrate that our University can attract intellectually gifted students from the Americas, Europe and Asia to study in North Texas.

Rodney Thomas
Dallas, Texas

"The Politely Ruthless Race for the Top in Collegiate Chess" (Spring 2014) prompted this conversation on the University's Facebook page in May:

"Now if only a football team was added."
Christian Romero

"Attracting academically inclined students is what will get us to Tier One. A football team may increase student life, but it will crush our dreams if it means giving up on merit scholarships, which are the underpinning of our current success. And for most schools, football scholarships and academic scholarships are zero-sum. We don't have to be most schools, of course."

Lindsay Bernsen BA'12

"Wow! I was in undergrad when [chess] started. Seems like so long ago." **Crystal White BS'02, MBA'11**

"So why do we have a 'still undefeated' football T-shirt at the bookstore, but no chess team apparel?" **Doug Weiss BS'00**

"Now we just need a couple of us to represent UTD on the world stage, recognized as world leaders!!" **Ryan Lee**

Join the conversation!

Send letters to the editor to utdallasmagazine@utdallas.edu or UT Dallas Magazine, AD14, 800 W. Campbell Road, Richardson, TX 75080-3021. All submissions may be edited for clarity or length. Please include contact information such as phone number, email address and/or mailing address.

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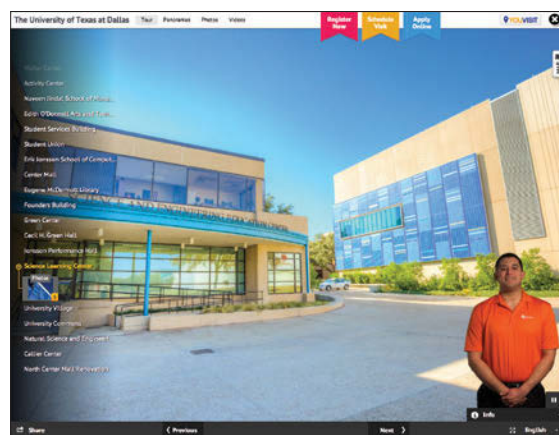
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LOOK WHAT WE'VE DONE WITH THE PLACE

If it's been a while since you've been on campus, take a virtual tour at utdallas.edu/virtualtour.

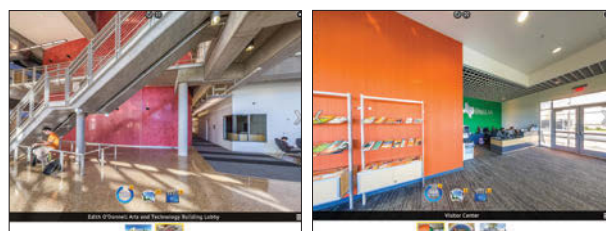
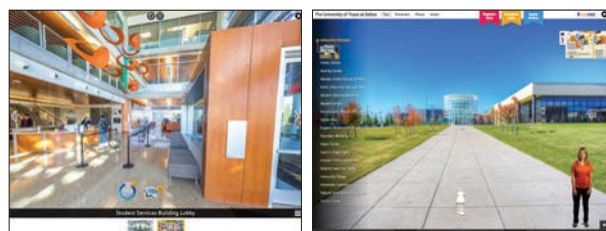


"This is a great idea! Kudos to the person who came up with the idea." - *Kassiopia Jackson*



"I am a little bit jealous of the development of the campus since I attended in '97. Such an amazing campus to enhance a great school!" - *Andrew R. Deignan*

"Love this! As an employee who doesn't get out on campus too much it was really great to watch and learn about each building." - *Patrice Morman Holt*



CONTRIBUTORS



Sophia Dembling BA'04

Sophia Dembling is a writer and editor who graduated summa cum laude from UT Dallas with a degree in psychology. She regularly blogs for PsychologyToday.com and PsychCentral.com. Sophia is author of several books, including *The Introvert's Way: Living a Quiet Life in a Noisy World* and its follow-up, *Introverts in Love* (2015). She has co-authored, with Audette Rackley of the Center for BrainHealth, *I Can Still Laugh: Stories of Inspiration and Hope from Individuals Living with Alzheimer's*.



Laurie Fox

Laurie Fox wrote news and feature stories on a wide array of subjects including business, education and government during 20 years of daily journalism experience as a staff writer with *The Dallas Morning News*. Now a full-time freelance writer, she contributes to *The Dallas Morning News*, Reuters news service and various local publications and websites. She earned a Bachelor of Arts degree in journalism from The University of Texas at Arlington.



Misty Hawley MA'13

Misty Hawley, who earned a master's degree in emerging media and communications in 2013, is the communications manager for the Eugene McDermott Library. She previously spent three years as assistant director of student media at UT Dallas and 12 years as a television news producer. As an undergraduate at the University of North Texas, she majored in journalism and political science.



Kristi Shewmaker

Kristi Shewmaker is the assistant director of development communications at the Callier Center for Communication Disorders. Before coming to UT Dallas, she worked at Monroe Carell Jr. Children's Hospital at Vanderbilt in Nashville, Tennessee, while pursuing her passion as an independent singer/songwriter and poet.

ON CAMPUS



Patty Miller MS'96 and David Miller support the Center for Children and Families, which offers programs like *Juega Conmigo*, a free, weekly parent-child playful learning program taught by bilingual instructors.

Program Growth Helps More Families, Children

Juega Conmigo (Play with Me)—a parent-child playful learning program offered through the University's Center for Children and Families—served more than 400 children in its first three years in the Bachman Lake area. The bilingual program recently expanded to Vickery Meadow and Pleasant Grove, which are about 10 miles and 25 miles south of campus, respectively.

Weekly classes also are now held at St. Vincent de Paul Thrift Store in Plano.

"The goal of *Juega* is to promote positive

parent-child relationships, parenting knowledge and playful learning to support school readiness starting in the earliest years," said Adriana Villa Baird, the *Juega* program manager.

The center, housed in the School of Behavioral and Brain Sciences, promotes optimal child development through research, practice and outreach programs. Developmental screenings in Spanish and English assess young children's motor skills and cognitive, language and social-emotional abilities. **-Rachel Berglund**

New Graduate Program Tackles Demand for Data Analysts

Big data keeps getting bigger—and companies need more people who can make sense of it.

The Naveen Jindal School of Management introduced a Master of Science degree in business analytics this fall to meet a growing need for employees who can analyze data in a range of industries.

The 36-credit hour program prepares students for careers in analyzing the increasing volumes of data that businesses collect through website traffic, social media and electronic health care records. Data analysts use the information to help companies improve efficiency, make better decisions about future sales and identify their most likely customers.

"This degree is about managing big data," said Dr. Srinivasan Raghunathan, professor of information systems. "There's a huge demand for people with these skills."



Dr. Srinivasan Raghunathan

The U.S. Bureau of Labor Statistics estimates that the demand for market research analysts will grow 32 percent from 2012 to 2022. Jobs for analysts who specialize in operations research, which aims to help businesses and organizations become more efficient and cost effective, are expected to grow 27 percent during that same time period. The median pay for operations research analysts is \$72,100.

The program includes a fast-track incentive that allows undergraduates to take graduate courses for dual credit and tuition savings. Students also can earn both a master's in business analytics and an MBA in 63 credit hours rather than the typical 89 required for both degrees. **-Kim Horner**

WHOOSH!

Conrad Holt, a senior physics major and a chess Grandmaster, recently won the **U.S. Open Chess Championship** in Orlando, Florida, by defeating International Master Michael Mulyar in a game that lasted only five minutes.

A team from the University's **Renewable Energy and Vehicular Technology Laboratory** was one of five research groups selected to demonstrate its work in a Department of Energy roundtable discussion on climate change with lawmakers in Washington, D.C. **Dr. Babak Fahimi**, director of the laboratory, has received \$2.8 million through a Department of Energy program seeking to reduce the use of rare earth metals.

KeeShaun Coffey received the **2013 Congressional Veteran Commendation** from U.S. Rep. Sam Johnson of Plano for his service in the U.S. Navy and for providing support and services to fellow student-veterans.

Senior Design Project Adds Tech Touch to Commencement

Three seconds. After four years earning a degree, three seconds is about the amount of time a graduating student spends on the commencement stage.

"What would be terrible is during that three seconds your parents wouldn't even be able to recognize you," said electrical engineering graduate **Johanán Rodriguez BS'14**.

Rodriguez and classmates **Timothy McGuire**, **Julian Torres** and **Jasmine Singh** developed a technical solution as part of the senior design program in the Erik Jonsson School of Engineering and Computer Science to ensure that family members and friends watching the ceremony in person and on the Web stream knew exactly when their loved ones walked across the stage.

The students' radio frequency identification (RFID) system, which was piloted during the second ceremony for the Jonsson School during spring commencement, allowed a graduate's name, degree and major to be displayed on a video screen just as a camera caught them crossing the stage and shaking the hand of the school's dean, **Dr. Mark W. Spang**.

Part of developing the system included determining how the system would work. Early ideas included having graduates step on a floor mat that would start the process to display their information. The team decided on RFID technology because it did not interfere with the ceremony or add to the orator's duties of reading the names.



From left: **Timothy McGuire**, **Julian Torres**, **Johanán Rodriguez** and **Jasmine Singh** make final adjustments to their senior design project, which was piloted during a Jonsson School commencement ceremony.

For the ceremony, each student's information was assigned a unique identification number and embedded onto a chip or sticker. That sticker was put on a card, read and scanned by an orator at the podium. The scan sent a signal that was wirelessly transmitted to a computer system that projected the student's information on the ceremony's on-stage video screen.

The graduation display was developed through the senior design program, in which seniors design a capstone project using the knowledge they have acquired in traditional classroom settings and outside the classroom.

University President **David E. Daniel** mentioned the project and the students during his commencement address.

"This project is just one small example of the innovation our graduates are already doing and will continue to do as they head off to the next phase of their careers," he said.

While commercialization of the system has been discussed, the students said the project is more about legacy: They hope other teams will build onto the system and that it will be used for all UT Dallas graduation ceremonies, not just the engineering and computer science commencements.

"I think that'd be pretty cool," said **Torres**, who graduates in December. **-LaKisha Ladson**

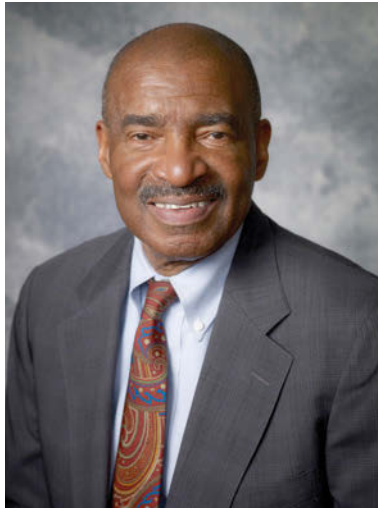


As computer science graduate student **Mathew Gray** walks across the stage at the Jonsson School's commencement ceremony, his name and degree are projected on the video screen. A group of students developed the feature for its senior design project.

Fair Appointed to Lead Diversity and Community Engagement Efforts

Public education advocate Dr. George Fair, who has served as dean of the School of Interdisciplinary Studies since 1994, has been appointed to the position of vice president for diversity and community engagement at UT Dallas.

In addition to continuing his role as dean, Fair will oversee the Office of Diversity and Community Engagement. The mission of the office is to embrace, enhance and celebrate diversity at all levels of the University and the community through the efforts



Dr. George Fair

of faculty, staff, students, the executive leadership and community partnerships.

"I am enthusiastic about the opportunity to assist UT Dallas in becoming a world-class institution that is committed to diversity and inclusion for all persons," Fair said. "I believe that by increasing diversity and community engagement, the campus will be enriched for all students, faculty and staff."

Fair, who began his education career as a public school mathematics teacher in Pittsburgh, joined the UT Dallas faculty as an assistant professor in 1975 after earning his PhD in special education and educational research from the University of Pittsburgh. He has taught in the School of Interdisciplinary Studies since 1989.

As dean, Fair oversees the four bachelor's degrees, one master's degree and five minors offered in the school, as well as the Teacher Development Center. He currently teaches the capstone seminar course and oversees the research projects for the Master of Arts degree in interdisciplinary studies.

Fair has a deep-seated passion for helping students attain a quality education regardless of their backgrounds or socioeconomic status. An expert on the McKinney-Vento Homeless Assistance Act, which later was made a part of the No Child Left Behind Act, Fair works with North Texas school districts to obtain and apply grant funds to educate homeless children.

He has led several UT Dallas programs that reflect his devotion to education, including the Academic Bridge Program, the College Readiness Initiative and Jump-start Dallas. Under Fair's direction, the School of Interdisciplinary Studies has for nearly 20 years sponsored Kids' University, a two-week day camp for homeless children.

Fair is a member of the National Council of Teachers of Mathematics and the Texas Association of Colleges for Teacher Education. **-Brittany Hoover**



UT Dallas Ranks 15th Among the World's Young Universities

For the second consecutive year, UT Dallas is ranked 15th in the world among universities founded less than 50 years ago, according to the latest "100 Under 50" report from the *Times Higher Education*.

The *Times Higher Education* magazine considers 13 performance indicators when comparing schools to form its list, with emphases on research, knowledge transfer, teaching, diversity, international collaboration and innovation. UT Dallas is ranked fourth among schools from the United States, following the University of California, Irvine; the University of California, Santa Cruz; and the University of Illinois at Chicago.

"Being a young, successful university means being innovative and dynamic, and not limited by legacy practices. As we grow and evolve, we will continue to exhibit the characteristics that make young universities interesting and creative," said President David E. Daniel.

UT Dallas continues to rank in top college value surveys from *Kiplinger's Personal Finance* and *The Princeton Review*. **-Brittany Hoover**

Engineering, Management Rise in U.S. News Rankings

The Erik Jonsson School of Engineering and Computer Science graduate engineering program rose five spots, to 71st from 76th, in the national *U.S. News & World Report* rankings of graduate school programs.

The Jonsson School's computer science program also climbed to 70th from 79th.

The Naveen Jindal School of Management also showed improvement, with its Professional MBA program moving to 22nd from 38th and the Full-Time MBA program tied at 37th with Texas A&M University and the University of Rochester. The online graduate business programs were ranked fourth in the nation and the MBA specialty of information systems was ranked 20th.

The physics program in the School of Natural Sciences and Mathematics reached the top 100 again this year, listed at 95th

Two other graduate programs continue to be ranked among the nation's top 20, as previously surveyed by *U.S. News* in 2012—audiology tied for third and the communication disorders master's program tied for 11th.

The criminology program remained at 27th this year, and the political science program stayed at 76th. *U.S. News* did not offer new rankings for these categories in 2014.

The annual *U.S. News* list evaluates the quality of more than 1,250 U.S. graduate programs based on statistical indicators and assessments by university administrators and faculty. **-Chaz Lilly**

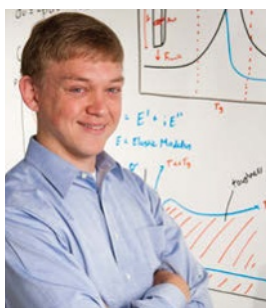
FROM THE LAB

Biologically adaptive, flexible transistors created by UT Dallas and University of Tokyo researchers may prove useful in medical procedures.

New Implanted Devices May Reshape Medicine

Researchers from UT Dallas and the University of Tokyo have created electronic devices that become soft when implanted inside the body and can deploy to grip 3-D objects, such as large tissues, nerves and blood vessels.

These biologically adaptive, flexible transistors might one day help doctors learn more about what is happening inside the body and stimulate the body for treatments.



Dr. Walter Voit

The research, which was published in the online and print editions of *Advanced Materials*, is one of the first

demonstrations of transistors that can change shape and maintain their electronic properties after they are implanted in the body, said Jonathan Reeder BS'12, a materials science and engineering graduate student and lead author of the work.

One of the problems scientists and physicians face when putting electronics in the body is the compatibility of the devices with biological tissue. Common electronics are often too stiff, Reeder said. The device must be firm at room temperature so a surgeon can implant it, but also flexible enough to wrap around 3-D objects once inside the body.

Shape memory polymers developed by Dr. Walter Voit BS'05, MS'06, assistant professor of



Graduate student Jonathan Reeder

materials science and engineering and mechanical engineering and an author of the paper, are key to enabling the technology. The polymers respond to the body's environment and become less rigid when they're implanted.

The Voit and Reeder team from the Advanced Polymer Research Lab in the Erik Jonsson School of

Engineering and Computer Science fabricated the devices with an organic semiconductor but used adapted techniques normally applied to create silicon electronics that could reduce the cost of the devices.

University researchers and materials engineers Taylor Ware, David Arreaga-Salas and Adrian Avendano-Bolivar were also involved in the study. **-LaKisha Ladson**

WHOOSH!

Bhaskaran Nair BS'13 is the first UT Dallas recipient of the **Gates Cambridge Scholarship** for students outside the United Kingdom to pursue postgraduate degrees at the University of Cambridge.

Addison Larson, Adam Mendonca and Roxanne Lee BS'14 were among about 550 U.S. students to be offered a U.S. Department of State **Critical Language Scholarship** to study languages vital to diplomacy. Since 2008, nine UT Dallas students have received the scholarships.

Dr. Mustapha Ishak-Boushaki, an associate professor of physics, co-authored a paper with graduate students **Austin Peel BS'08, MS'12** and **Dr. Michael Troxel MS'11, PhD'14** that was published in the journal *Physical Review Letters*. The paper eliminated a theory for cosmic acceleration, allowing scientists to focus on other possible causes for the speeding up of the universe's expansion.

Dependence Alters the Brain's Response to Pot Paraphernalia

Drug paraphernalia triggers the reward areas of the brain differently depending on the type of marijuana user, according to recent research from the Center for BrainHealth.

The study, published July 1 in *Drug and Alcohol Dependence*, demonstrated that different areas of the brain were activated when dependent and non-dependent



"We found that the reward network is actually being driven by other areas unrelated to reward, like the areas in memory and attention or emotion," said Dr. Francesca Filbey, lead author of the study.

users were exposed to drug-related cues.

Researchers knew that people find it difficult to refrain from using the drug because of visual cues that trigger a strong desire for it, said Dr. Francesca Filbey, lead author of the study and professor at the Center for BrainHealth. What wasn't known was the driving force behind the phenomenon.

To find this effect, Filbey and colleagues conducted brain-imaging scans on 71

participants who regularly used marijuana. Just more than half of those were classified as dependent users. While being scanned, the participants were given either a used marijuana pipe or a pencil of approximately the same size that they could see and feel.

A comparison of the images revealed that the nucleus accumbens, the reward region in the brain, was activated in all users in response to the pipe. Dependent and non-dependent users differed in the strength of connections in other areas. Non-dependent users showed greater activations in the orbital frontal cortex and hippocampus, suggesting that memory and attention were connected to the activation of the reward network. Dependent users had greater activations in the amygdala and anterior cingulate gyrus, suggesting a more emotional connection.

Dr. Joseph Dunlop, researcher at UT Dallas, also worked on the study. Research was conducted in part at the Mind Research Network and was funded by a grant from the National Institute on Drug Abuse.

-Ben Porter and Shelly Kirkland

When is the Price Right? Professor Finds Clues in Shoppers' Behavior

Should you buy that new pair of shoes today at full price? Or wait for a sale and run the risk of missing out on the item?

It's a common dilemma for shoppers. And it's one that holds increasingly valuable information for retailers in determining effective pricing policies that are beneficial to both retailers and consumers.

Pricing expert Dr. Özalp Özer, the Ashbel Smith Professor of Operations Management in the Naveen Jindal School of Management and visiting professor at the MIT Sloan School of Management, and his colleague Dr. Karen Zheng, of MIT Sloan, identified two behavioral issues that influenced consumers' decisions: regret about choosing one action over another and the misunderstanding about the likelihood that a product would be available during the markdown period.

Their study, "Markdown or Everyday Low Price? The Role of Behavioral Motives," which is available online at the Social Science Research Network, makes a case for markdowns over everyday low prices for products that carry a high emotional attachment, such as a stylish pair of shoes. Other products, such as undershirts, they found, lack the same attachment that would motivate a customer to purchase them on the spot to avoid missing out.

The research identifies consumers' key behavioral motives in purchasing a product, depending on the characteristics of a product line. Özer then provides an algorithm to determine the optimal markdown or the everyday low price.

-Kris Imherr and Kim Horner



Dr. Özalp Özer

Professors Delve into Mysteries Behind Chronic Pain, Migraines

Two new faculty members are seeking to unlock the mysteries surrounding migraine headaches—a condition affecting nearly 15 percent of the world's population.

Drs. Gregory Dussor and Theodore Price have collaborated for the last 14 years to better understand the exact mechanisms behind migraines and chronic pain.

Dussor researches ion channels in nociceptive receptors, or the pain sensors, in the tissue surrounding the brain, called the dura. Using electrophysiological and behavioral methods, he examines how changes outside of the cell affect pain signaling to the brain.

Price, a 1997 UT Dallas graduate in neuroscience, uses a variety of techniques to research chronic pain, including molecular, biochemical, genetics and pharmacology. He focuses on how the brain's pain sensors change after the body is injured, as well as how the brain changes after receiving persistent pain signals. **-Ben Porter**



Dr. Gregory Dussor



Dr. Theodore Price

An 11-member team from the **Naveen Jindal School of Management** reached the semifinals at the **2014 Enactus United States National Exposition** in Cincinnati, Ohio, placing in the top 20 out of 202 teams.

A **Naveen Jindal School of Management** student team was one of six winners at the **Global Connected Car Contest 2013**. The team placed first in the convenience and safety category for its concept of an in-car app capable of diagnosing problems and finding the nearest service stations and businesses.

Maria Burbano became the ninth UT Dallas student since 2005 to earn a **Barry M. Goldwater Scholarship** given to students pursuing careers in science, mathematics and engineering. **Melanie Maurer** and **Michael Lau** received honorable mentions.



Shelley Hayden was one of the study participants who spent an average of more than 15 hours a week using an iPad. After 10 weeks of tablet use, the participants were tested on their mental agility, including how quickly they could compare lists of numbers.

Tablet Computer Use May Help Keep Older Adults' Minds Sharp

A Center for Vital Longevity study affirms that challenging older adults with certain never-before-tried activities—such as tablet computing—might enhance cognitive vitality and ultimately help ward off or delay age-related dementia.

The study's findings by graduate student Micaela Chan were published online in June in *The Gerontologist*. The research builds on earlier work from the lab of Dr. Denise Park, the founder and co-director of the center, whose Synapse Project found that adults who engaged in cognitively demanding activities, such as learning skills in digital photography and quilting, improved memory and speed in processing information.

The scientists looked for three months at 54 adults ages 60 to 90. One-third of the participants, an iPad group, were

trained in using the tablet for various tasks and projects, spending an average of more than 15 hours a week on an iPad. The remaining two-thirds of participants were placed in one of two control groups that either completed low-cognitive demanding activities, such as watching movies, or socialized for 15 or more hours a week.

Before and after 10 weeks of activities, all three groups took the same cognitive tests, which included standardized measures designed to gauge mental agility.

A comparison of scores found significant improvements in the iPad group in episodic memory—recalling events and personal experiences—and processing speed—how quickly a person is able to carry out simple or automatic cognitive tasks under a time limit that focuses his or her attention.

—Alex Lyda

Brain Recovery Occurs Months, Years After Youths' Injuries

New research from the Center for BrainHealth shows that targeted brain training can significantly improve the cognitive performance of adolescents months and even years after an injury.

"The aftereffects of concussions and more severe brain injuries can be very different and more detrimental to a developing child or adolescent brain than an adult brain," said Dr. Lori Cook, study author and director of the center's pediatric brain injury programs.



Dr. Lori Cook

The study, which appears online in the open-access journal *Frontiers in Neurology*, involved 20 adolescents who experienced a traumatic brain injury at least six months prior to participating in the research. The participants, who were demonstrating gist-reasoning deficits, or the inability to get the essence from dense information, were randomized into two cognitive training groups—strategy-based gist-reasoning training and fact-based memory training.

Participants completed eight 45-minute sessions during a one-month period. Researchers compared the effects of the two forms of training on the ability to abstract meaning and recall facts. Testing included pre- and post-training assessments.

After training, only the gist-reasoning group showed significant improvement in the ability to abstract meanings. Additionally, the gist-reasoning group showed significant generalized gains to untrained areas including executive functions of working memory (e.g., performing mental addition or subtraction) and inhibition (e.g., filtering out irrelevant information). —Shelly Kirkland

Negative Reputation of No Child Left Behind Undeserved



Dr. James R. Harrington

The public perception that the No Child Left Behind Act (NCLB) has increased burnout and lowered job satisfaction among teachers is unfounded, according to a recent study co-authored by University researcher Dr. James R. Harrington.

The study, which was published online in *Educational Evaluation and Policy Analysis*, a peer-reviewed journal of the American Educational Research Association, found that the accountability pressures of the act did not have much of an impact on teachers' job satisfaction or commitment to the profession.

The research team sampled 140,000 teachers from the National Center for Education Statistics' Schools and Staffing Survey from 1994 to 2008. While documenting overall trends in teacher attitudes, the impact of the NCLB on teachers' job demands, perceived autonomy and administrator support were considered.

Harrington said researchers were surprised to find that NCLB did not negatively affect satisfaction or commitment. In fact, the percentage of teachers who said they intended to remain in the profession until retirement increased to 77 percent in 2008 from 65 percent in 1994.

"As we're going through the reauthorization of the NCLB and having policy debates on how accountability should work, policymakers should take into account the full information on how accountability programs have affected job attitudes and work environments, and retool the NCLB to be even more effective than it has been," he said. —Brittany Hoover

ARTS AND CULTURE

\$17 Million Contribution Creates Edith O'Donnell Institute of Art History

Edith O'Donnell has contributed \$17 million to create the Edith O'Donnell Institute of Art History that launched this fall. The gift endows several faculty positions and fellowships within the institute, as well as funds research and programs.

"UT Dallas excels in science and engineering. The moment is right to build a program of the same quality and rigor in art history," O'Donnell said. "There is a natural affinity between science and the arts. UT Dallas founders Erik Jonsson, Eugene McDermott and Cecil Green actively supported the arts. Now, I look forward to seeing what the future holds for art history, UTD-style."

President David E. Daniel said, "The University extends its sincerest thanks and grateful appreciation to Edith O'Donnell. Her dedication to preserving and expanding the knowledge of art throughout the world inspires the creation of this institute."

Dr. Richard R. Brettell leads the stand-alone institute as the first director and Edith O'Donnell Distinguished Chair. A professor of art and aesthetic studies who also holds the Margaret M. McDermott Distinguished Chair of Art and Aesthetic Studies, Brettell serves as a vice provost, reporting to Dr. Hobson Wildenthal, executive vice president and provost.



Edith O'Donnell

"Mrs. O'Donnell has made it clear that what interested her about funding art history at UT Dallas was our strength in the sciences, technology and management, thus creating the conditions that could foster a wholly new kind of art history," Brettell said.

"With art historians on campus who study the intersections between art and cartography, art and biology, and art history in the context of big data, UT Dallas has demonstrated a willingness to think about art and about history in new ways."

Existing programs that will be affiliated with the institute include the Center for the Interdisciplinary Study of Museums, the Conservation Science Initiatives in partnership with the Dallas Museum of Art and the Amon Carter Museum of American Art, the DFW Art History Network and the Texas Fund for Curatorial Research.

Other affiliated museums and projects include the Census of French Sculpture in American Collections, the Crow Collection of Asian Art, Gauguin Catalogue Raisonné, James Magee: The Hill, the DMA, the Kimbell Art Museum, the Modern Art Museum of Fort Worth, the Nasher Sculpture Center, the Perot Museum of Nature and Science, and the Yale Series of Books on the History and Theory of Art Museums. **-Chaz Lilly**



Paintings from the Dallas Museum of Art, such as Paolini's *Bacchic Concert* (1625), from the Karl and Esther Hoblitzelle Collection, are being studied as part of a conservation science effort to preserve colors.

Art Projects and Collaborations

UT Dallas collaborates with the Dallas Museum of Art and the Amon Carter Museum on conservation science projects that are now part of the work at the new institute. The projects include:

Ultramarine Disease

Dr. Ken Balkus, professor of chemistry in the School of Natural Sciences and Mathematics, and his team are hoping to solve the mystery behind ultramarine disease with the help of the DMA. The disease causes ultramarine blue areas in Old Master paintings to turn gray or flat. The team's goals are identifying the phenomenon's causes and determining whether it can be reversed.

Pigment and Medium Analysis of "Pandanus"

Dr. Amy Walker, associate professor in the Erik Jonsson School of Engineering and Computer Science, has been working with DMA curators to determine the potential of secondary ion mass spectrometry as a tool in analyzing Paul Gauguin's painting materials and techniques.

Kodak Dye Transfer Process

Dr. Jie Zheng, associate professor of chemistry in the School of Natural Sciences and Mathematics, is helping the Amon Carter Museum learn more about the evolution of the Kodak Dye Transfer Process, one of the most successful early forms of color photography. Zheng is using his Raman microscopic system to find changes in the chemical makeup of the process over the years.

WHOOSH!

The University's **Institute of Electrical and Electronics Engineers** chapter received the **IEEE Region 5 Outstanding Large Student Branch Award** for a second consecutive year.

The **Chemistry Student Association** has been presented an Outstanding Chapter award for an eighth consecutive year by the **American Chemical Society**. The chapter also was recognized for a second consecutive year for its participation in environmentally friendly projects.

Rohit Tyagi MBA'14 and MBA student **Jane Slusher** teamed up with students from UT Arlington and UT Southwestern Medical School to claim first place over teams from around the world at the **International Emory Global Health Case Competition**.

SEASON EVENTS 2014–2015

TO SEE A FULL LIST, VISIT AH.UTDALLAS.EDU/EVENTS

CLASSICAL

Musica Nova	Dec. 5, 8 p.m.	Jonsson Performance Hall	Free
Lin/Castro-Balbi Duo	Jan. 31, 8 p.m.	Jonsson Performance Hall	\$15
Amernet String Quartet	April 18, 8 p.m.	Jonsson Performance Hall	\$15
Musica Nova	April 24, 8 p.m.	Jonsson Performance Hall	Free

JAZZ

Jim Riggs and The Official Texas Jazz Orchestra	Jan. 23, 8 p.m.	Alexander Clark Center	\$20
Butch Miles & Ray Sasaki	April 17, 8 p.m.	Jonsson Performance Hall	\$15

GUITAR

Chad Ibison	Feb. 6, 8 p.m.	Jonsson Performance Hall	\$15
14th Annual Texas Guitar Competition and Festival	March 5-7, 8 p.m.	Alexander Clark Center	Prices vary

VOCAL

A Tribute to the Beatles	March 27-28, 8 p.m.	Jonsson Performance Hall	Free
Annual Choral Concert	May 2, 8 p.m.	Jonsson Performance Hall	Free

THEATER

Doom McCoy and the Death Nugget	Feb. 19-28, 8 p.m.	University Theatre	\$15*
Les Liaisons Dangereuses	April 9-18, 8 p.m.	University Theatre	\$15*

*Thursday nights are free for everyone.

DANCE

UT Dallas Dance Showcase	Feb. 7, 6 p.m.	Eisemann Center	Free
Paul Taylor Dance Company	Feb. 7, 8 p.m.	Eisemann Center	Prices vary
Spring Into Dance	April 30-May 2, 8 p.m.	University Theatre	Free

ART EXHIBITIONS

Behind Closed Doors	Through Dec. 12, 9 a.m.-9 p.m.	Edith O'Donnell Arts and Technology Building	Free
Value Added... Let Them Eat Cake	Jan. 23-Feb. 20, 9 a.m.-9 p.m.	Edith O'Donnell Arts and Technology Building	Free
Love Us for Good	Feb. 27-March 13, 9 a.m.-9 p.m.	Edith O'Donnell Arts and Technology Building	Free
Comer Collection: Of Nature	March 27-April 24, 8 p.m.	Edith O'Donnell Arts and Technology Building	Free
Art @ CENTRALTRAK	Saturdays, 12-5 p.m.	800 Exposition Ave., Dallas, TX 75226	Free

See centraltrak.org for details and updates.

FILM

Cinematheque	Feb. 4, March 4, April 1, 7:30 p.m.	Jonsson Performance Hall	Free
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TRADITIONS AND FESTIVALS

38th Annual Holiday Sing: Holidays Around the World	Dec. 6, 8 p.m.	Edith O'Donnell Arts and Technology Building	Free
Student Art Festivals	Dec. 2-6, April 28-May 2	Times and venues vary	Free

CREATIVE WRITING

Walter Ned Hollandsworth	Feb. 25, 7:30 p.m.	Jonsson Performance Hall	Free
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CENTER FOR VALUES IN MEDICINE, SCIENCE AND TECHNOLOGY

Lecture series featuring speakers on a variety of topics on gender	Jan. 28-April 9	Various venues	Free
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See values.utdallas.edu for details.

CONFUCIUS INSTITUTE

Chinese New Year Celebration	Feb. 21, 7 p.m.	Alexander Clark Center	Free
Dr. Michael Puett – Why Classical Chinese Philosophy Still Matters in the Age of Globalization	Feb. 26, 7:30 p.m.	Jonsson Performance Hall	Free

Model of the USS Akron (ZRS-4), a helium-filled rigid airship of the U.S. Navy that served as a flying aircraft carrier. It crashed in 1933 off the coast of New Jersey, resulting in the largest loss of life in an airship.



TREASURES ON THE THIRD FLOOR

Imagine safeguarding the correspondence, photos and artifacts of notables and avid collectors. That's just a daily routine for staff at the Eugene McDermott Library, where rare, unique and historical treasures make up the Special Collections and Archives Division.

Established more than 40 years ago to showcase one-of-a-kind books, and later charged with preserving the University's history, the division now manages eight collections.

Here *UT Dallas Magazine* highlights the General James "Jimmy" H. Doolittle Archives and the Lighter-Than-Air Collection—both from the History of Aviation Collection—as the first in a series showcasing the library's treasures.

Watch for future articles on the Wineburgh Philatelic Research Library collection, unique book collections, the Louise B. Belsterling Botanical Library collection and the University Archives.



Left: The Medal of Honor awarded to Gen. James H. Doolittle by President Franklin D. Roosevelt for leading the Doolittle Tokyo Raid. It is currently on loan to the Gerald R. Ford Presidential Library in Ann Arbor, Michigan.

Below: With B-25 crewmembers aboard the USS Hornet looking on, Capt. Marc Mitscher, right, presents Doolittle with medals given to Navy personnel by the Japanese during peacetime.





History of Aviation Collection

The History of Aviation Collection is a world-class aeronautical archive and library. Comprised of eight special areas focused on the history of flight, the collection's holdings include materials related to some of the nation's most prestigious airline operations and historically prominent figures.

An American flag that flew on the USS Los Angeles during a scouting mission with the U.S. fleet in 1931. It was the first use of a rigid airship as a scout in fleet maneuvers.



Author Marc Wortman gives a lecture on his book at the Clark Center.



Jalonick Lecture Showcases Aviation History, University Collections

by Misty Hawley MA'13

A talk by Marc Wortman, author of *The Millionaires' Unit: The Aristocratic Flyboys Who Fought the Great War and Invented American Air Power*, brought a full house to the University's 500-seat Clark Center auditorium. Wortman chronicled the story of privileged students from a Yale University flying club who became the nucleus of the U.S. Naval Air Reserve in World War I.

Wortman discussed his book during the 2014 George W. Jalonick III and Dorothy Cockrell Jalonick Memorial Distinguished Lecture in July.

The annual series honors a Dallas couple known for their civic and philanthropic leadership. George Jalonick III, co-owner and board chairman for Southwest Airmotive Company, found great commercial success with the Love Field aviation supply, repair and refueling enterprise that grew into one of the nation's largest fixed-base operators.

Established by the Jalonicks' children, the series has experienced growing attendance since its first lecture in 1992 and has brought more attention to the University's aviation collection.

"I never thought [the series] would grow to the magnitude it has today. In the beginning it was small. All of a sudden it just bloomed," said the Jalonicks' daughter Sally Ann Hudnall, during the reception following Wortman's lecture.

Hudnall's sister-in-law, Mary Jalonick, said that her late husband, George Jalonick IV, envisioned the lecture series as a way to commemorate his parents while also supporting the UT Dallas aviation collection. "The collection was so impressive but not many people were aware of it. So by having a lecture series surrounding the history of aviation, the collection would attract more visitors," Mary Jalonick said.

"I take special pride that the series not only honors my mother and father for what they stood for and contributed to aviation, but it also preserves history," added Hudnall.



From left: Mary Jalonick, author Marc Wortman and Sally Ann Hudnall.

Visit utdallas.edu/library/specialcollections/jalonick/ to learn more about the series.

Bronze bust of Doolittle by sculptor John E. Lajba, commissioned by George E. Haddaway, aviation journalist and founder of the History of Aviation Collection.



Left: A Doolittle Raider B-25 prepares to take off from the aircraft carrier USS Hornet.

Below: Flight crew No. 1 of the Doolittle Raid. From left: Lt. Henry A. Potter, navigator; Lt. Col. James H. Doolittle, pilot; Staff Sgt. Fred A. Braemer, bombardier; Lt. Richard E. Cole, co-pilot; and S. Sgt. Paul J. Leonard, engineer/gunner.





Doolittle on the float of a Curtiss R3C in which he won the 1925 Schneider Cup.

General James “Jimmy” H. Doolittle Archives

Gen. Jimmy Doolittle made lasting contributions to aviation. One of the most famous pilots between World War I and World War II, he realized the importance of a pilot controlling the aircraft in flight, from takeoff run to landing rollout, regardless of the range of vision from the cockpit. In 1929, he made history by “flying blind.” Doolittle became the first pilot to take off, fly and land an airplane using instruments alone. His speed records at 296 mph in both land and seaplane races boosted his influence as an advocate for using a higher octane grade of gasoline to increase aircraft performance.

In April 1942, he led a daring aircraft carrier-launched bombing attack on the Japanese Home Islands known as the Doolittle Raid. He received the Medal of Honor for planning and leading the raid. Away from the world of aviation, Doolittle was a prolific speaker, as well as a game hunter and humanitarian.

Important memorabilia of Doolittle’s life are on display in the Special Collections and Archives Division. His desk can be found there, along with his Medal of Honor. Personal papers, speeches and photographs spanning Doolittle’s life both pre- and post-World War II are in the collection, as well as Doolittle Raiders Association records. Three of the Doolittle Tokyo Raiders—William L. Birch, Richard Cole and Joseph Manske—have also donated items that commemorate the raid.

The volunteer who curates for the James H. Doolittle Archives is Carroll V. Glines (USAF Ret.), Doolittle’s biographer and official historian of the Doolittle Raiders.



Doolittle was presented a medal by the Chinese government following his raid on Japan.



A model of a Granville Brothers Gee Bee R-1 in which Doolittle won the Thompson Trophy (right) at the National Air Races in 1932.



Vice Admiral Charles E. Rosendahl Lighter-Than-Air Collection

Another notable collection is the Vice Admiral Charles E. Rosendahl Lighter-Than-Air Collection, which focuses on aircraft that gain lift through buoyant gas. Rosendahl was a decorated officer in the U.S. Navy known for his successful missions on sea and air in the early to mid-1900s. He was one of the most experienced U.S. airship aviators and championed lighter-than-air aviation for military and commercial use. The collection not only gives viewers a glimpse into the career of the man who eventually led the Navy's airship fleet, but also provides early documentation of the program.

Despite a distinguished career as a naval officer and airshipman, Rosendahl is perhaps best remembered by the public as the commanding officer of the Naval Air Station at Lakehurst, New Jersey, at the time of the Hindenburg disaster on May 6, 1937. After more than 30 years of passenger travel between Europe and North America without a single injury, the era of the transcontinental passenger zeppelin came to a fiery end that day. The Hindenburg crashed, killing 13 of the 36 passengers, 22 of the 61 crew and a civilian member of the ground handling team.

At the outbreak of World War II, Rosendahl served on several battleships and in the Office of the Secretary of the Navy and Office of the Chief of Naval Operations.



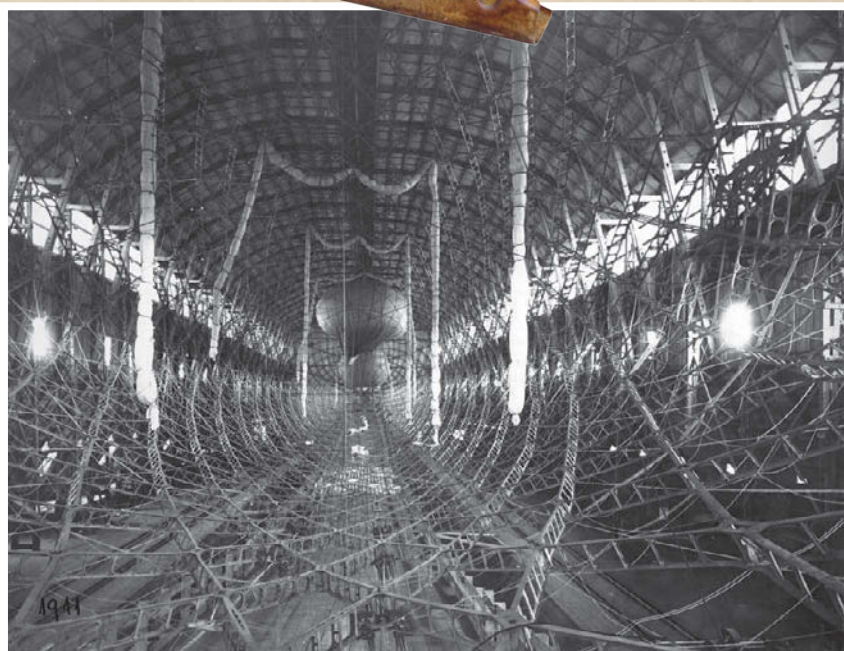
Rosendahl stands in the control car of the airship USS Akron with his Norwegian Elkhound, Bello av Elglia.



Bust of Vice Adm. Charles E. Rosendahl.



Part of the structure from the airship USS Akron.

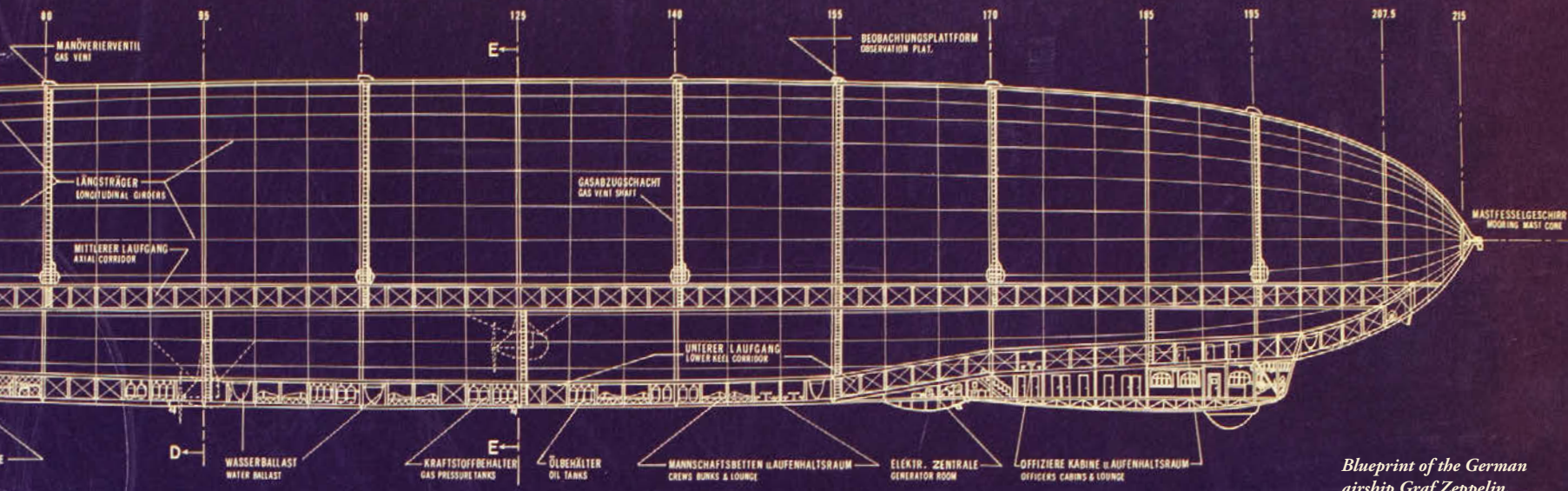


Interior view of an airship.

China specially designed for use on the German airship Hindenburg.



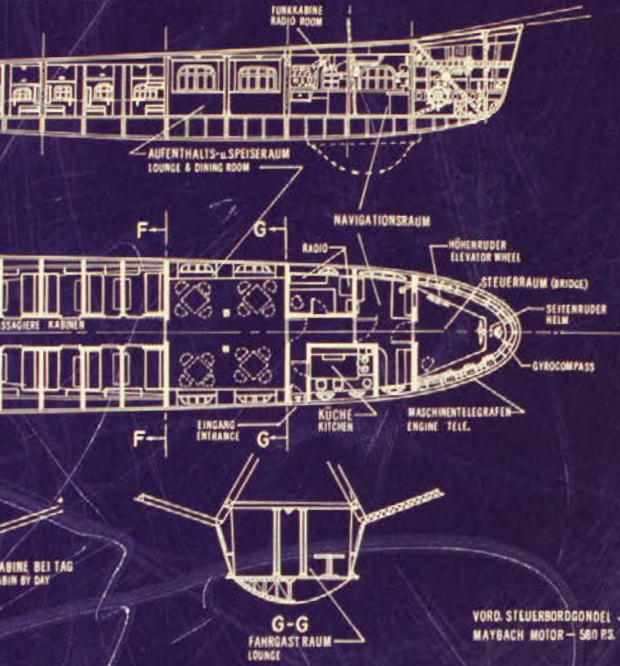
A belt buckle picturing the Hindenburg.



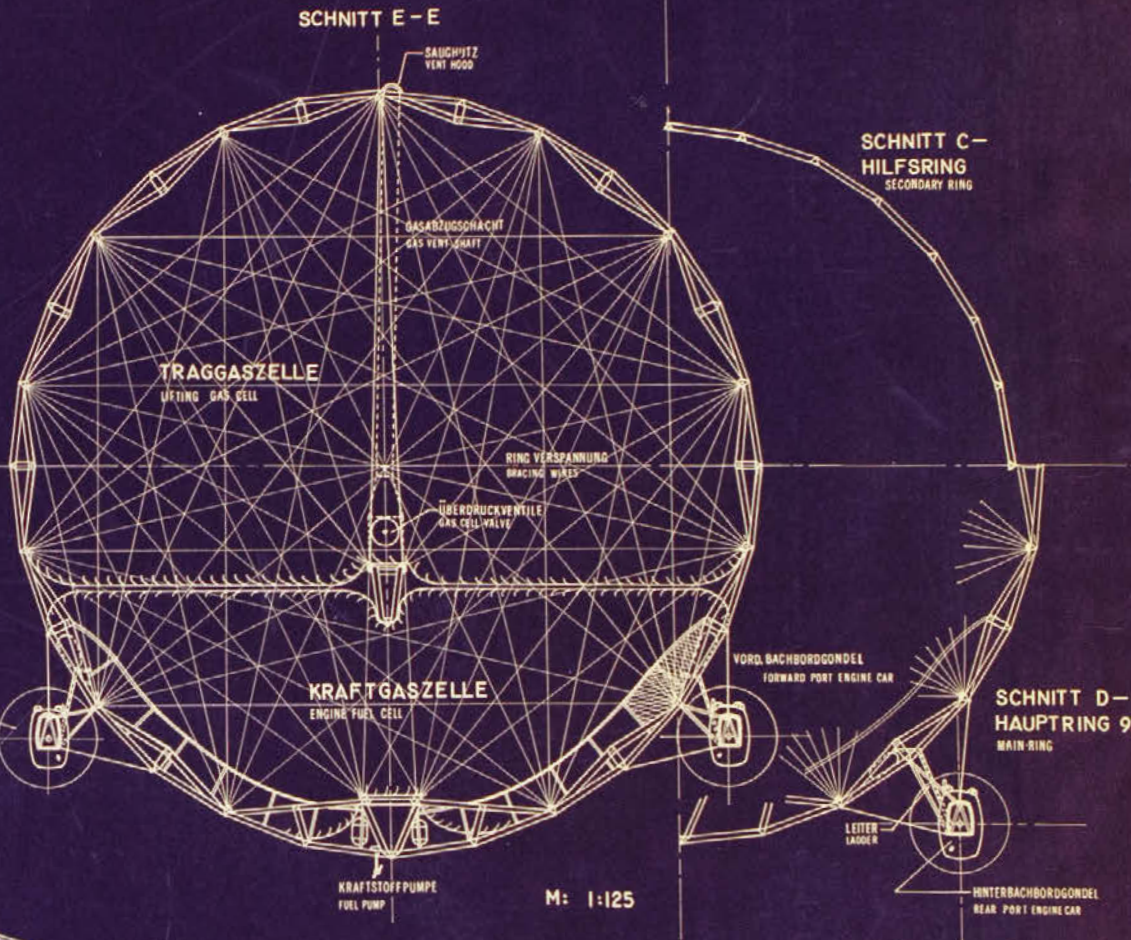
Blueprint of the German airship Graf Zeppelin.

LÄNGSSCHNITT IN MLE — MAßSTAB: 1:250
 SECTION SCALE

PILOTENKABINE U. FÜHRERKABINE M: 1:125
 PILOT & CONTROL CABINS



GAZELLE ANORDNUNG GAS CELL ARRANGEMENT
 TRAGGASZELLEN (WASSERSTOFF) HYDROGEN LIFTING GAS
 KRAFTGASZELLEN (BLAUGAS) PROPANE ENGINE FUEL



Interested in seeing some of these treasures firsthand? Visit the McDermott Library's Special Collections and Archives Division, open Monday through Friday from 9 a.m. to 6 p.m. and 9 a.m. to 1 p.m. on the second Saturday of the month. Also, many of the items have been digitized and can be viewed online at utdallas.edu/treasures.

To donate materials, call 972-883-2570 or email libspco@utdallas.edu.



CLASS ROOM



ALL STARS



Micah Easterling

by Bruce Unrue

Soccer player **Elizabeth Sohns**—who graduated in 2014 with a perfect 4.0 cumulative grade-point average—never took anything resembling the idiomatic easy class.

Hardly a surprise, since academically focused institutions like UT Dallas aren't known for basket-weaving or other less-than-challenging courses that students sometimes use to boost their GPAs. For athletes like Sohns, that's exactly why they chose demanding schools.

The fact that Sohns, who earned an honors degree in global business, made it through her entire academic career with an unscathed GPA is remarkable enough. Coupled with the fact that she accomplished all of this while also playing four years of soccer—as well as participating in other on-campus activities—borders on superhuman.

The demands any student-athlete faces in pursuing a sport while also managing an academic load can be rigorous. There are classes to attend, projects and papers to complete, and preparation for exams, all in addition to the in-season time commitment of three-hour practices five or six times a week, physical training and days spent away from campus for road games.

To manage all of this—and compile a perfect grade-point average as Sohns did—takes a special person. But she is not the only Comet who is a star in the classroom.

IN 2013-14, ALMOST 100 OF THE UNIVERSITY'S VARSITY STUDENT- ATHLETES WERE HONORED AS ACADEMIC ALL-CONFERENCE PLAYERS BY THE AMERICAN SOUTHWEST CONFERENCE.



Bethany Werner

In 2013-14, almost 100 of the University's varsity student-athletes were honored as Academic All-Conference players by the American Southwest Conference.

Thirty-nine (including nearly the entire women's cross country roster) were named last year to the UT Dallas Dean's List in their respective schools, which recognizes the top 10 percent of students across campus.

For these Comets, academic success is more than simply meeting eligibility requirements. It provides another outlet for their competitive drive.

"Student-athletes are, by nature, competitive people," said **Bethany Werner**, a senior volleyball player who, as part of an accelerated pre-med program, will graduate after just three years of study. "I always want to strive to be the best, to learn and push myself to do better and be smarter. On the court, it's competing against another team. In the classroom, it's competing with myself. I want to get as high a grade as possible. I don't want to settle. There's always the opportunity to push yourself to be better."

Sohns said that her competitive spirit kicked in once she realized she had a chance to complete a perfect 4.0 college career.

"There was a time when I would secretly wish I could make a B in a class just to get that first one out of the way," she said. "But then I got to the point where I thought, 'I've made it this far. I HAVE to finish this out.' If I got a low A on a test, I'd get mad at myself. It drove all my friends crazy."

Forget the stereotypical college lifestyle for these student-athletes. They regularly limit distractions that would prevent them from winning both on the field and in the classroom.

"I realized that between baseball, school and work, there wasn't going to be a lot of down time,"



Elizabeth Sohns BS'14



Bill Petitt

UNIVERSITY SELECTS BILL PETITT TO LEAD ATHLETIC DEPARTMENT

Bill Petitt, who has been the University's associate athletic director of external affairs since January 2008, became the new athletic director in July. Petitt had served as the interim director since the retirement of director Chris Gage in February. As the University's primary athletic development officer, Petitt oversaw a 400 percent growth in external revenue since 2008 and ensured that athletics reached its goal as part of the University's \$200 million *Realize the Vision: The Campaign for Tier One & Beyond* campaign. During Petitt's tenure, corporate sponsorships have tripled and the University has seen more than \$3 million in athletic facility improvements in the past five years.

said **Micah Easterling**, a senior pitcher on the Comets baseball team who has also earned Dean's List recognition as a psychology major. "I had to learn time management and how to prioritize. It forced me to invest quality time in my studies and in athletics, and to compartmentalize different aspects of my college experience.

"I don't want to imply that I'm better [than the typical student] because I have to do these things," he continued. "But I realize it has been good for me because I've learned how to handle extreme situations. I think it's brought out the best in me."

It's not unusual for a student-athlete to spend more time doing schoolwork than socializing with friends when the team is on the road. It's very common to see about half the team buried in textbooks or laptops on the bus. Some student-athletes even make arrangements to take tests while on the road.

"There are times the team has watched a movie I'd really enjoy, or grabbed a few extra minutes of sleep," Werner said. "But I know I just can't afford to do that. There's not been one trip that I haven't had to bring schoolwork with me."

Sohns admitted there were times when she would go straight to class without showering after a rigorous soccer practice. "I had to make a lot of apologies," she joked.

So, why do so many take on the challenge at a school that does not give athletic scholarships?

"I don't think any of us were ready for our athletic careers to end," said Easterling, who plans to use his academic success to pursue a career in physical therapy.

"We all play our sport because we love the game," Werner added.

Sohns agreed.

"We're not tied to the sport because of scholarships or anything like that," Sohns said. "We play because we enjoy it. That makes it a special part of the total college experience. Not only are we getting to continue our athletic careers, but we're getting an exceptional education as part of the process." **UTD**



PRESIDENT DANIEL PLAYS NEW ROLE IN AMERICAN SOUTHWEST CONFERENCE

President David E. Daniel has been named a member of the 2014-15 American Southwest Conference Executive Committee. Daniel will serve as the ASC Executive Committee's vice president for the 2014-15 academic year and will take over as president of the committee in 2015-16.

The University became a part of the NCAA Division III and the American Southwest Conference in 1998.

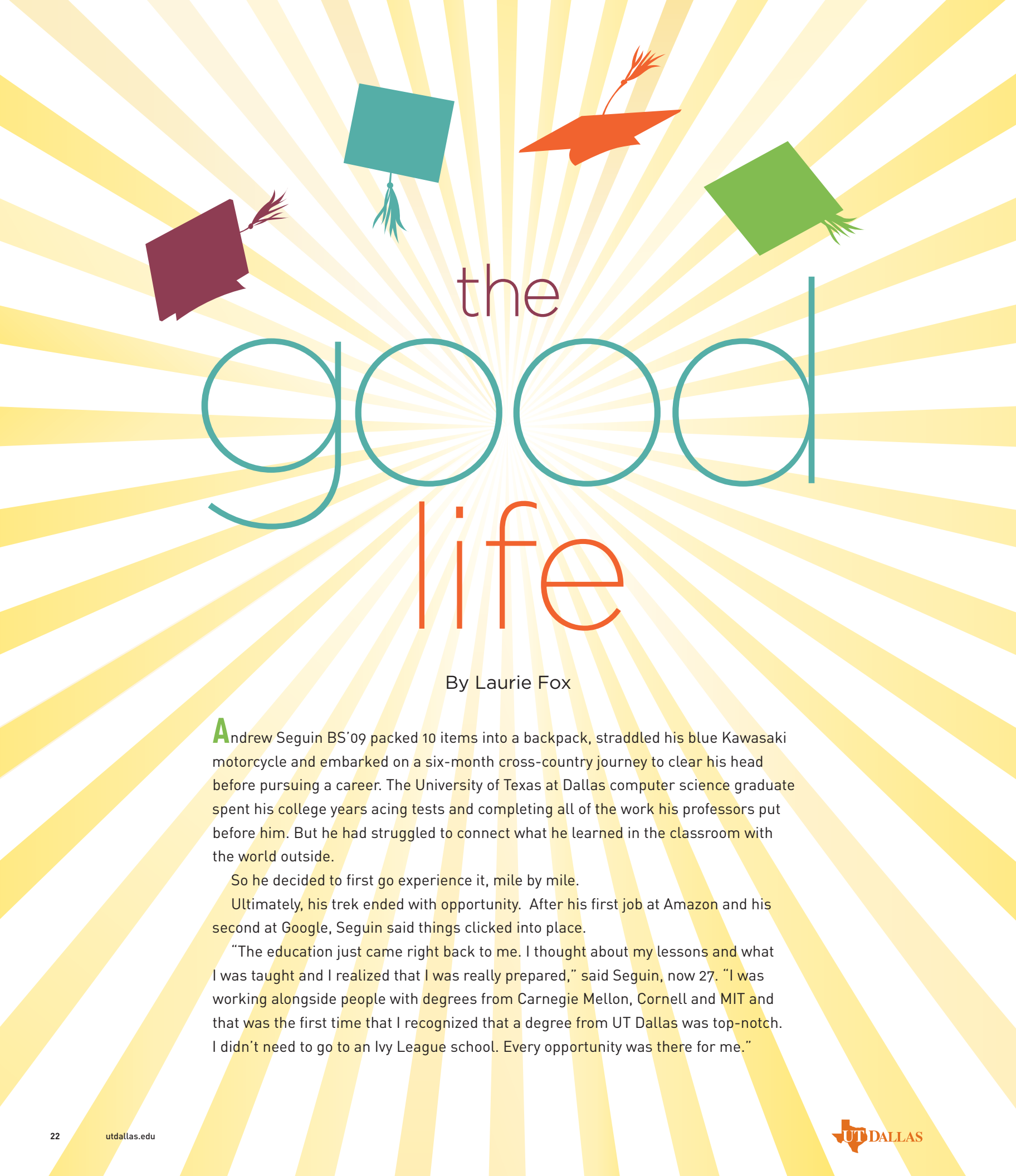
The conference consists of 12 colleges and universities in Arkansas, Louisiana, Mississippi and Texas.



UT DALLAS COMETS HOME GAME SCHEDULE

Day	Date	Time	Sport	Opponent
Friday	11/21	7 p.m.	Basketball (W)	Austin College
Saturday	11/29	1 p.m./3 p.m.	Basketball (W/M)	Hardin-Simmons
Monday	12/22	3 p.m./5 p.m.	Basketball (W/M)	Howard Payne
Saturday	1/3	3 p.m./5 p.m.	Basketball (W/M)	Trinity
Thursday	1/8	5:30 p.m./7:30 p.m.	Basketball (W/M)	East Texas Baptist
Saturday	1/10	1 p.m./3 p.m.	Basketball (W/M)	LeTourneau
Thursday	1/22	5:30 p.m./7:30 p.m.	Basketball (W/M)	UT Tyler
Saturday	1/24	1 p.m./3 p.m.	Basketball (W/M)	Ozarks
Thursday	2/5	5:30 p.m./7:30 p.m.	Basketball (W/M)	Louisiana College
Thursday	2/19	5:30 p.m./7:30 p.m.	Basketball (W/M)	Mary Hardin-Baylor
Saturday	2/21	1 p.m./3 p.m.	Basketball (W/M)	Concordia
Thurs-Sat	2/26-28	ASC Tournaments (To be determined)		
Friday	2/13	2 p.m. (DH)	Softball	Louisiana College
Saturday	2/14	1 p.m.	Softball	Louisiana College
Wednesday	2/18	4 p.m. (DH)	Softball	College of St. Joseph (VT)
Tuesday	2/24	11 a.m. (DH)	Softball	Chapman
Friday	2/27	4 p.m. (DH)	Softball	Hardin-Simmons
Saturday	2/28	Noon	Softball	Hardin-Simmons
Friday	3/13	TBD	Softball	Howard Payne
Saturday	3/14	TBD	Softball	Howard Payne
Tuesday	3/24	5 p.m. (DH)	Softball	Wisconsin-Eau Claire
Friday	3/27	TBD	Softball	East Texas Baptist
Saturday	3/28	TBD	Softball	East Texas Baptist
Saturday	4/18	6 p.m.	Softball	Concordia Texas
Sunday	4/19	Noon (DH)	Softball	Concordia Texas
Wed-Sun	4/29-5/3	ASC Tournament (To be determined)		
Friday	2/20	2 p.m.	Baseball	East Texas Baptist
Saturday	2/21	1 p.m. (DH)	Baseball	East Texas Baptist
Friday	3/6	2 p.m.	Baseball	Concordia Texas
Saturday	3/7	1 p.m. (DH)	Baseball	Concordia Texas
Friday	3/20	2 p.m.	Baseball	UT Tyler
Saturday	3/21	Noon (DH)	Baseball	UT Tyler
Thursday	4/2	2 p.m.	Baseball	Mary Hardin-Baylor
Friday	4/3	Noon (DH)	Baseball	Mary Hardin-Baylor
Friday	4/17	1 p.m.	Baseball	Louisiana College
Saturday	4/18	Noon (DH)	Baseball	Louisiana College
Saturday	4/25	1 p.m. (DH)	Baseball	McMurry
Wed-Sat	5/6-9	ASC Tournament (To be determined)		





the good life

By Laurie Fox

Andrew Seguin BS'09 packed 10 items into a backpack, straddled his blue Kawasaki motorcycle and embarked on a six-month cross-country journey to clear his head before pursuing a career. The University of Texas at Dallas computer science graduate spent his college years acing tests and completing all of the work his professors put before him. But he had struggled to connect what he learned in the classroom with the world outside.

So he decided to first go experience it, mile by mile.

Ultimately, his trek ended with opportunity. After his first job at Amazon and his second at Google, Seguin said things clicked into place.

"The education just came right back to me. I thought about my lessons and what I was taught and I realized that I was really prepared," said Seguin, now 27. "I was working alongside people with degrees from Carnegie Mellon, Cornell and MIT and that was the first time that I recognized that a degree from UT Dallas was top-notch. I didn't need to go to an Ivy League school. Every opportunity was there for me."

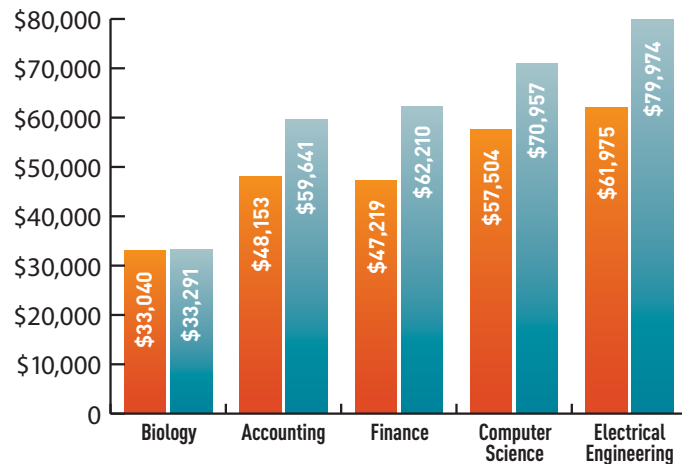
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Andrew Seguin

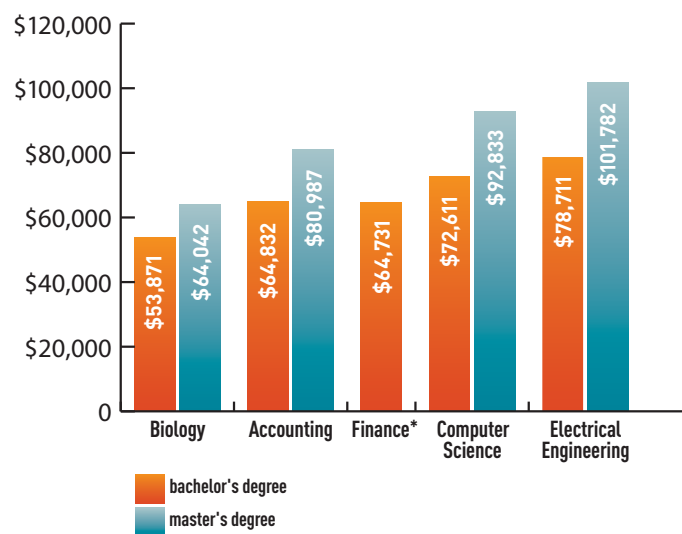
1ST YEAR SALARIES

The UT System collects data for UT Dallas alumni who are employed in Texas. Shown are the first-year salaries for graduates who earned bachelor's and master's degrees in the most popular majors at the University. Visit utsystem.edu/seekut for more information.



5TH YEAR SALARIES

Shown are the fifth-year salaries for graduates who earned bachelor's and master's degrees in the most popular majors at the University. utsystem.edu/seekut



* Graduate degree data is unavailable in finance.

Every graduate's road is different. Some know from the beginning the direct route to their careers; for others it takes time and a few detours through new experiences to find their professional paths. But for many students and their families who must shoulder a greater share of the higher education investment than in generations past, the journey begins with a more fundamental question: Is college worth it?

Call it a value proposition.

In recent years, the national conversation about higher education has focused on whether the time and money spent in college pays off in the workplace. Measureable results such as alumni employment rates, starting salaries and student indebtedness are often cited as proof.

By those criteria, UT Dallas graduates are faring well financially. Alumni who graduated with bachelor's degrees in the University's top five majors are earning between \$53,871 and \$78,711 after five years in their careers, according to statistics from The University of Texas System. University figures show 84 percent of bachelor's degree graduates either are hired right out of school or go on to seek advanced degrees. The majority of the University's graduates leave with no college debt, bucking a national trend in the other direction.

There are other results, though, that matter as much to President David E. Daniel. While pleased that UT Dallas degrees are proving to pay off in the workplace, Daniel and other campus leaders are guided by a greater philosophy: building a culture with high expectations, room for risk and innovation, and a sense of social responsibility.

In other words, providing the building blocks for a good life.

"I don't think that college should just be a training ground for a job," Daniel said. "It needs to be a balance of training for that first job but also an education for a lifetime."

The University's focus is validated by a 2014 study conducted by Gallup and Purdue University. Called "Great Jobs, Great Lives," the report found that college graduates were twice as likely to be engaged in their jobs and content in their lives if they had enjoyed a rich college experience, often marked by professors who served as mentors, involvement in months-long projects or engaging internships.

"Feeling supported and having deep learning experiences means everything when it comes to long-term outcomes for college graduates," the report concluded.

RICH EXPERIENCES EARLY

From their first days on campus, UT Dallas students are nudged to make college about more than the classroom.

At a recent welcome event for freshmen, Daniel offered the following advice: "This is a research university. Go knock on a professor's door and ask what you can do to get involved in research here."

Students are also encouraged by the University's Career Center to seek career guidance services early.

Lisa Garza, director of the Career Center, said the University is doing more than ever to emphasize to students the importance of seeking out and nurturing job connections and thinking about the future long before their senior years.

Staff members specialize in helping students explore career paths through skills assessments and counseling. The center also offers job-shadowing, internship connections and opportunities to study abroad. In 2013, more than 2,700 students attended career fairs held on campus. This fall, the University is moving toward a model that makes career consultants available to each school.

"What works for a student studying business would be very different than what would work for a student in the School of Art and Humanities," Garza said. "We know very well that one size does not fit all. We really are reaching out to meet students where they are."

Local corporations such as Texas Instruments, Ericsson, GEICO and Fujitsu Network Communications Inc. routinely look to the University when filling internships and jobs.

In 2013-14, UT Dallas students reported landing nearly 3,000 internships and employers hired more than 1,200 interns. Interns, employers report, are among the most coveted future hires because they are prepared in several ways: They typically are curious, and have a strong work ethic and good communications skills.

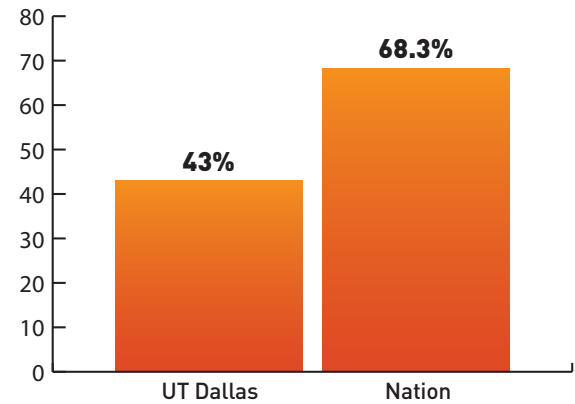
"When we look at candidates we ask, 'Are they willing to learn? Are they willing to ask questions? Are they willing to challenge the way we've been doing things?'" said Amy Hanks, a university relations specialist at Fujitsu Network Communications. "The UT Dallas students tend to have a leg up. They're more comfortable."

Garza said there has been a shift in thinking among colleges about how to successfully prepare students for

PERCENT OF STUDENTS

Who Have Debt

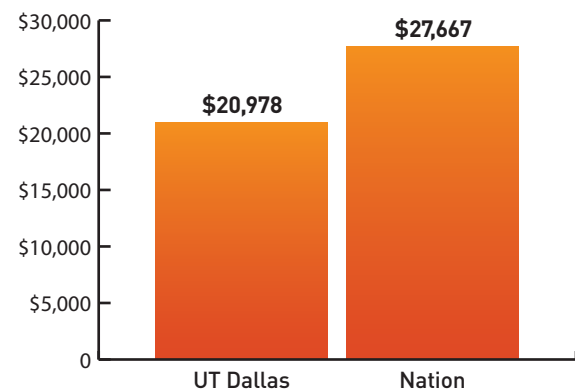
U.S. News & World Report analyzed national data for the class of 2013. Shown is the percentage of UT Dallas undergraduates leaving with debt compared to the national average.



AMOUNT OF DEBT

for Borrowers

Shown are the average amounts of debt for the class of 2013, based on information published by *U.S. News & World Report*.





Katie Pier BSEE'09, MSEE'10 is passionate about helping girls pursue careers in science and technology. She's equally committed to giving back through volunteering, a practice she learned while a UT Dallas student.

Pier, 27, mentors female high school students through the Young Women in Science and Engineering Investigators (WISE) program. Sponsored by the University's Office of Diversity and Community Engagement and the Galerstein Women's Center, the effort was created to inspire young women to pursue careers in science, technology, engineering and mathematics (STEM) through a yearlong research project and competition. This spring, Pier's team of Dallas schoolchildren won first place and scholarships to her alma mater.

"I really like encouraging young women to at least think about STEM careers," said Pier, an applications engineer at Texas Instruments. "A lot of girls don't know what an engineer does. I want them to know that, 'Hey, women can do this. And you can be really good at it.'"

A high school valedictorian who attended UT Dallas as a Eugene McDermott Scholar, Pier said she's grateful for the opportunity to share her love of learning, which didn't wane after she earned an undergraduate and fast-track master's degree. She also serves as a board member of the Eugene McDermott Scholars Alumni Association.

While a student, Pier attended job fairs and worked to make contacts. A recruiter from TI contacted her in the fall before her spring graduation.

Pier, the child of a math teacher and an electrical engineer, said because learning was part of her home life growing up, she wants younger students to experience that same sense of possibility.

"You can just see that spark that comes from first learning something," Pier said of passing on to others the knowledge of coding and circuitry. "They experience a great sense of accomplishment when they make something, the rush that comes from solving a problem."

the workforce. She said it now takes a more collaborative effort to educate students about making connections, building resources and actively participating in their lives.

"There is no 'job jar,'" Garza said. "Students' post-graduation outcomes are the business of the entire University and not just the Career Center. Students' career and professional development should be the goal of everyone at the University—a team effort of sorts."

David Gardner, the deputy commissioner of academic planning and policy at the Texas Higher Education Coordinating Board in Austin, said more schools in Texas will be following that philosophy.

"What UTD is doing is exactly right," he said. "Helping students develop practical skills and talking about their career sooner is important. You have to know what you can do. And businesses say that they want critical thinkers and those who work well with others."

FINDING A PURPOSEFUL LIFE

The value of working together is fostered intentionally throughout UT Dallas, said Dr. Andrew Blanchard, the dean of undergraduate education. He points to two important efforts—peer-led education and service to community—that are transforming the University and providing students deep learning experiences with benefits that transcend their time on campus.

It comes from helping their own, he said, and helping others as well. When 2,500 freshmen arrived on campus this fall, 700 student volunteers were on hand to aid them in getting settled.



Kwentoria Williams

Kwentoria Williams, 21, a senior health care studies major, participated in student-to-student tutoring sessions last year to deepen her knowledge and boost her history grade. She said she was so impressed with how it helped her that she's teaching others this year. Working with fellow students, she said, can help break down dense topics and provides students an opportunity to go over material that they don't understand.

"The professors are very well-versed in those subjects and some try really hard to be interactive, but it's hard to make sure that every student understands," Williams said. "It's a lot easier learning from your peers in some cases."

In addition to helping each other, hundreds of students volunteer in the community each year.



Daniel Macias

Daniel Macias BS'13, a first-generation college graduate, participated in several student organizations while working on his degree in accounting, but it was his volunteer work helping low-income families file taxes that he found most rewarding.

The Volunteer Income Tax Assistance (VITA) program provides free tax help to people who qualify. During the 2014 tax filing season, UT Dallas volunteers made up more than 80 percent of the United Way of Metropolitan Dallas' Foundation Communities volunteer corps, according to Kathy Zolton, UT Dallas' VITA coordinator.

"The VITA experience drove me to make an impact in my community by simply doing things that maybe others think are out of their reach. If I can do it, coming from my background, there are really no setbacks people can say are holding them back," said Macias, 21, who is now working toward a master's degree in accounting. "Being at this school definitely taught me how to be more well-rounded."

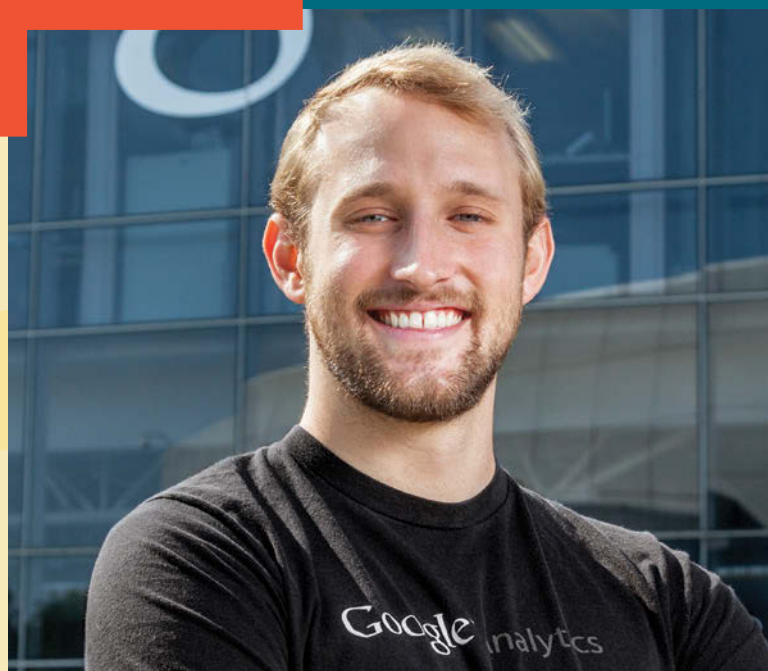
Blanchard said these experiences remind students that they are part of a bigger community and provide them with a sense of ownership in their lives.

"That culture comes with a sense of responsibility," he said, and noted the University is mindful of retaining that spirit as it grows. "We capture that and try to refine it as best we can. There's a value that we bring, a mission that we're still required to accomplish: education, not training."

RECENT RANKINGS

In recent years, UT Dallas has appeared in several rankings focused on overall value.

- For the second consecutive year, *The Princeton Review* named the University one of the best values among the nation's public colleges and among four in Texas, praising the "wealth of resources, financial aid and opportunities."
- The University was featured in *Kiplinger's Personal Finance's* list of 100 best values in public colleges in 2014. UT Dallas gained 21 spots on the 2014 list, moving up to 39th in the country.



Andrew Seguin BS '09 solves puzzles every day as a software engineer at Google. The Garland-raised Seguin, 27, graduated from UT Dallas with a computer science degree and now works at the company's global headquarters near San Francisco.

He loves his job now, but he remembers all too well the difficulty of landing one. In 2009, he competed for months against more seasoned candidates for entry-level positions during the recession that began in 2008. After concentrating his search on the West Coast where his older brother had found success, Seguin got lucky at Amazon in Seattle.

"Companies wanted two or three years of experience, but they took a chance on me," he said. Seguin worked just over two years at Amazon. At Google, he is tasked with finding the most efficient way to build things digitally. "I feel confident now. I enjoy my job and I can't believe I get paid for it."

Seguin's money may not go as far in California as it would in Texas, where his parents still live, but his full scholarship to UT Dallas allowed him to graduate debt-free, a luxury that he said many of his friends don't have. He rents a home with his 29-year-old brother, Sean BS'06, who works at Apple. The siblings spend weekends outdoors on their motorcycles.

His parents, a contractor and a teacher, are grateful for the college aid and the educational opportunities that UT Dallas afforded both of their sons. "The boys' exceptional education allowed them to compete for the most sought-after jobs in the tech industry against candidates from the most prestigious colleges throughout the world," Laurie Seguin said. "We feel that it is more than just a career that they have been prepared for. They found their purpose."



It took **Benjamin Wei BA'09** biology, BA'09 criminology, MBA'11 some time to find his path in life. But once he did, he took off.

When Wei neared college graduation five years ago, he thought he was bound for a career in law enforcement with a plan to one day work at the Federal Bureau of Investigation. But a rock-climbing injury sidelined him, dashing his hopes of passing an FBI physical. Too late to change his major, Wei opted to continue his job at a bank after graduation. Promotion opportunities were scarce, so he decided to return to UT Dallas for an MBA concentrating in finance.

"I realized that I was working in business but I didn't know as much as I should know," said Wei, 30. He had enjoyed his first stint at UT Dallas and sought out the University when it came time to pursue his master's. While earning an MBA, he was recruited by Ericsson, the communications technology company.

Wei said he was puzzled by the company's interest because he didn't have a background in communications or engineering. But his finance training, he said, turned out to be a valuable asset for the company. The position he accepted focused more on helping the company analyze which projects to invest in.

"People who come from a creative field or an engineering field don't necessarily think about, 'Is it economically feasible?'" he said.

Wei said his position at Ericsson pays a competitive salary and allows him advancement opportunities. He logs long hours, including some weekends, but he said he expects that as he works his way up. His career has afforded him a life in a Plano townhouse with access to suburban amenities without the maintenance a house would require.

"With UT Dallas, I had the best shot at working in a technology field," he said. "I just went in a big, full circle."

MAKING SENSE OF STATISTICS

This philosophy guides the University's mission, but UT Dallas is an institution birthed by science and technology pioneers and is now led by Daniel, who is also an engineering expert. It is a place that embraces data, statistics and hard evidence, and University leaders are mindful of how the campus is performing on college "measureables."

A host of college rankings, websites and consumer tools are trying to make it easier for students and parents to research universities and see how well their graduates are doing. The UT System has provided seekUT, a data-rich website that shows how students from its various institutions are doing in the work world after one, five and 10 years beyond graduation. SeekUT also offers information about debt levels and other statistics.

The purpose of the resource is to help students and parents "make intelligent choices that fit their lifestyles before they start down a pathway and find out that doesn't work for them," said UT System Vice Chancellor Stephanie Bond Huie during a panel discussion on college affordability at a Texas Tribune Festival in September.

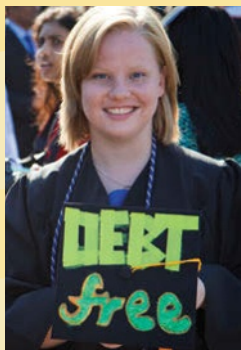
She said knowing potential salaries can inform some choices, but "it's important to have a balance."

"We talk about dollars and cents and we boil education down to what you're going to make and what your student loan debt is, but at the same time we need to be saying things like, 'You need to pursue your passion' and 'You need to balance out what's practical for you and your family, but find some way to be in a job that you can go to every day.'"

SeekUT figures show average first-year salaries for bachelor's degree graduates in UT Dallas' top five majors (computer science, accounting, biology, electrical engineering and finance) range from \$33,040 to \$61,975. Those with graduate degrees see significantly higher starting salaries as they launch their careers.

UT Dallas graduates have another head start—they owe noticeably less student debt than those at many other colleges. The undergraduate class of 2013 carried an average student loan debt of \$20,978 compared to the national average of \$27,667. The gap is wider when looking at the percentage of those who carry debt after graduation. Only 43 percent of those graduates left with any debt at all, compared to 68.3 percent nationally, according to *U.S. News & World Report*.

UT Dallas' sticker price is higher than other four-year public schools in the state. The published one-year cost of attending the University (including tuition, fees, books, supplies, room, board and other expenses) was just over \$24,000 for the 2012-13 school year. But the actual cost of attendance was far lower. Grants, scholarships and other aid provided to students put the average net price for in-state students during that same school year between \$8,800 and \$15,100, depending on family income. About 73 percent of the University's students are supported by some type of scholarship or aid.



Lauren Ann Mohrman

Lauren Ann Mohrman, who graduated with her bachelor's degree in computer science in May, proudly displayed her "debt-free" status on her mortar board with yellow duct tape and green and orange puff paint.

Mohrman chose her message after hearing in the news about students at other schools displaying on their graduation caps the amount of debt they owed; for some it was up to \$50,000. "They inspired me and I wanted to celebrate UTD," she said.

The Terry Foundation supported Mohrman's education.

continued on page 43

FOR MORE INFORMATION

THE UNIVERSITY OF TEXAS AT DALLAS

OUTCOMES

utdallas.edu/outcomes

UT Dallas' Outcomes website provides resources and data about earnings, average student loan debt and employment after graduation for UT Dallas students.



utsystem.edu/seekut

Similarly, seekUT, developed by the UT System, offers information from all of the System's institutions, making it possible to search and compare salary data for individual majors, debt levels and a host of other statistics.

KEEPING COLLEGE AFFORDABLE

The official price of attending college can be daunting, but financial aid and other options can help stretch education dollars, UT Dallas officials say.

"It is not true that a high sticker price for tuition means that a student will leave here with a large amount of debt," President David E. Daniel said.

He pointed out that the University has been able to soften the blow for 73 percent of all undergraduate students through financial aid. Other strategies such as fixed tuition policies and pathways to help students quickly complete degrees also help keep costs down.

Once largely government funded operations, the nation's universities must now depend on a new balance that relies more heavily on tuition and private giving to support their campuses.

Daniel said it's important for families to plan ahead and be realistic about how much debt they can handle.

"Do not be bullied into sending your children to a university that neither they nor you can afford," he advises parents.

If student loans are necessary, Daniel offers a formula to calculate how much debt a student (or family) can afford to take on.

It's reasonable for graduates to pay 7 percent of their first year's salary, whatever that is projected to be, he said. Based on that rate of repayment, it's recommended to take on debt that is no more than 50 percent of the first year's income.

"For instance, if the estimate for a first-year job in your field is \$40,000 a year, you don't want to borrow more than \$20,000 total while you are in school," he said.

Community colleges also offer less expensive options and the University has worked to smooth the transfer into its degree programs.

"A student can attend community college, live at home, save tens of thousands of dollars, then transfer and take the more advanced, specialized courses," Daniel said.



Christian von Schleicher

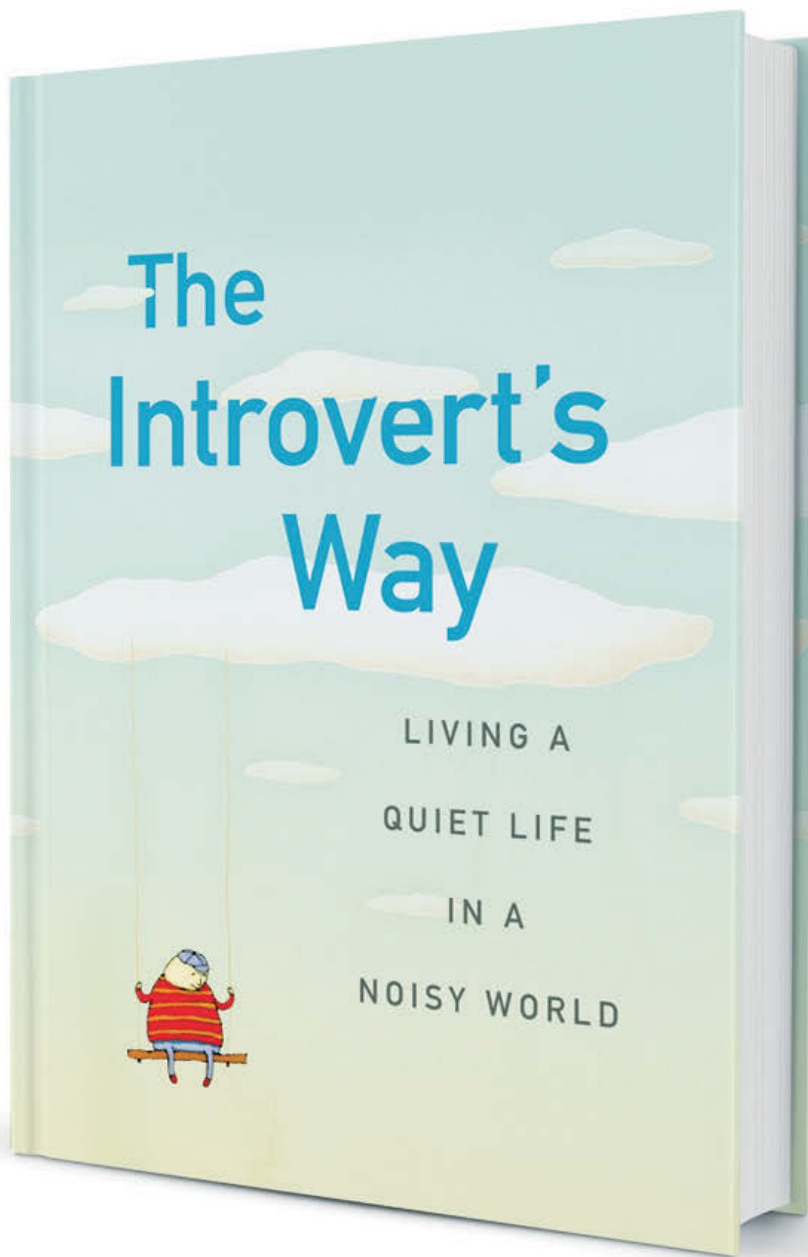
Christian von Schleicher, 26, a senior majoring in computer engineering, took the community college route.

"I waited tables to pay for classes at Brookhaven and Richland (campuses in the Dallas County Community College District). I didn't gather any debt during that time," he said.

Once he arrived at UT Dallas, he earned grants and scholarships, which at times have paid

all but 15 percent of his tuition.

Von Schleicher has continued to work—now as an information technology specialist for an insurance brokerage firm—while maintaining a full-time student status at UT Dallas.



EDITOR'S NOTE: *The Introvert's Way: Living a Quiet Life in a Noisy World* (2012 Penguin Books Ltd.) is excerpted here with permission from the author. Dembling's follow-up book, *Introverts in Love*, will be released in January 2015. The author of "The Introvert's Corner" blog for *Psychology Today*, Dembling said that her career as a professional introvert began with her psychology degree from UT Dallas. She has also written *The Yankee Chick's Survival Guide to Texas*, as well as hundreds of articles and essays for magazines, newspapers and websites.

by Sophia Dembling BA'04

INTROVERTS get mistaken for extroverts all the time because a lot of people think introversion is the same as shyness.

It's not.

Yes, both shyness and introversion relate to socializing, but shy people are scared of socializing. Introverts just aren't always interested in it. While there can be crossover, they're not mutually exclusive.

Louis A. Schmidt, a neuroscientist at McMaster University who studies shyness, gave me a whole new way to think of introversion and shyness. He defines introversion as a motivation—in this case, a weak desire to be with people. Extroverts have a yen for company, a whole lot more than introverts do.

Shyness, on the other hand, he describes as a behavior. Shy people are inhibited, tense and uncomfortable in social situations. And while introverts can be shy, so can extroverts.

Schmidt further explains, "When we look at the interaction between shyness and introversion and treat those as two unrelated dimensions, it's as though each independent measure is adding unique variants to behavior." Translated to non-neuroscientist, that means that someone who is introverted and shy behaves differently from someone who is introverted and not shy, who behaves differently from someone who is extroverted and shy, who behaves differently from someone who is extroverted and not shy.

The unhappiest combination is extroverted and shy. Those sad souls want to socialize, but fear it. They're the ones who turn up at every party and cower in the corner, or stand terrified and tongue-tied at networking events, or maybe even rely on liquor to bring out the party animal in them. (Introverts might also try this, especially when they're young and trying to fit in to a college party crowd. But they usually grow out of it. More on that later.)

I am introverted and not shy. This means that when I want to step out from inside my own head, I can do so without much trouble. But

I don't always want to. For example, my job often requires traveling and touring different areas with groups of people. Some days, I am right in the middle of things, chattering and joking and bringing my happy noise to the proceedings. Other days, I'm just not interested, so I hang back, let others have the spotlight, and enjoy my own company. Actually, this can happen hour to hour. I'm not a morning person, so I have my first cup of coffee in my hotel room, however revolting the in-room coffee is (and it's usually pretty revolting). By afternoon, I might be in the mood for a little friendly fun and chatter, but by evening I'm usually ready to shut it down again.

To a large extent, shyness can be overcome. Introversion cannot, and that's okay. Introverts who have embraced their nature don't feel like they're missing out on anything. Besides, many of us can behave like extroverts when we want to. If extreme introversion lies on one end of the continuum and extreme extroversion on the other, many of us live somewhere between the two, and the closer an introvert is to the middle, the easier extroverted behavior is. In one online discussion, a

guy described himself as a "swashbuckling introvert," for his ability to swing into a room and put on a show. Another woman called herself an "extroverted introvert." When I decide to put on the extrovert, I call it my dog and pony show.

When we want to, not-shy introverts can nut up to the task of being charming and witty. We can meet new people. We can start conversations and keep them rolling, and even draw shy people out, since we're good at not getting up in anyone's face and

we're patient listeners. We know how to ease into conversation in a way that doesn't frighten shrinking violets.

In some ways, the not-shy introvert could be considered to have superior social skills to extroverts because we can accept attention without requiring it. If I find myself in a situation where conversation needs to be perked up, I can do the perking. Introverts' listening skills serve us well in keeping conversation going because we really hear what people say, and know what to ask or add.

At the same time, if someone comes along who clearly desires the spotlight, we're equally happy to cede the stage. I accept attention, sometimes I invite it, but I don't compete for it. I can't, really. I'm not loud enough, bold enough or insistent enough. I can shut down my dog and pony show as easily as I can crank it up, and with no resentment at all—often with some relief. I'm just as happy to be in the audience while someone else takes center stage. Or, for that matter, just slip out the back door and let the show go on without me.

Introverts who are not shy are used to being told that they could not possibly be introverts. This can be irritating, but think of it as a teachable moment. Remember: We can do everything extroverts do, and do it well. The difference is that after a while, we lose interest. **UTD**



Sophia Dembling

An Introvert's Perspective

Most favorite things

- A weekend with no plans.
- Deep conversation with a close friend.
- A good book and time to read it.
- Taking breaks from a party by hiding in the bathroom.
- People watching.
- Getting absorbed in a project.

Least favorite things

- The telephone.
- Audience participation.
- The question, "Why are you so quiet?"
- Being dragged onto the dance floor.
- Team-building exercises.
- Getting cornered by a chatterbox.

2014

UT Dallas Awards Gala

HONORING EXCELLENCE AMONG ALUMNI

For over a decade, the University has been honoring excellence at the annual Awards Gala. This year, the personal and professional accomplishments of seven alumni were celebrated and an organization that has long impacted lives at the University was recognized.

GIFFORD K. JOHNSON COMMUNITY LEADERSHIP AWARD

Northwood Woman's Club

Since 1968, the Northwood Woman's Club has promoted and expanded philanthropic endeavors, and sponsored civic and community programs. The club's efforts and strategic partnerships have raised approximately \$200,000 annually, which is distributed to area organizations. Members have also provided tens of thousands of volunteer hours.

"The honor is even more special because it bears the name of the esteemed Gifford K. Johnson, himself an outstanding community leader, an advocate for higher education."

- Elizabeth Jenkins, 2013-2014 club president

GREEN AND ORANGE AWARD FOR ALUMNI SERVICE

Helen Small BS'07, MS'10

Sixty-seven years after starting college elsewhere, Small BS'07, MS'10 returned to school, this time at UT Dallas. She earned a bachelor's degree in psychology at the age of 87 and a master's degree in psychological sciences at 90, making her the second-oldest graduate in the University's history.

"The University of Texas System for 50 years has played a very important part in my life. First there were my three sons to educate. That was followed by my three daughters-in-law, then came my grandchildren and then myself."

AWARD HONOREES



President David E. Daniel with the evening's honorees. From left: Daniel, Chris Jaeb, Elizabeth Jenkins, Lynn McIntire, Dr. Michael Wehmeyer, Dr. Michelle Janssen Adams, Kevin Ryan, David Kelly and Helen Small.

Michelle Janssen Adams BA'87, MA'88, PhD'95

Industry thought leader Adams founded Marketing Brainology, a Plano consulting practice focused on translating consumer and shopper insights to marketing and corporate America.

"I am inspired by my education at UT Dallas, because what it has given me is the gift of continuous learning, the craving to learn more."

Chris Jaeb BGS'86

Jaeb is the founder of Common Ground Kauai, a 46-acre sustainable resource center and demonstration environment in Hawaii. He was the creator of AudioNet, the first company to broadcast real-time audio programming on the Internet, which later became Broadcast.com.

"UTD and the School of General Studies, at the time, gave me the ability to transfer credits ... so I didn't have to spend another eight years in college trying to get an undergraduate degree."

David Kelly MS'86

Kelly serves as president and chief executive officer of Bluefin Robotics, a Massachusetts full-service provider of marine robotics and related technology to government, commercial and academic clients worldwide.

"It really is a testament to the vision and, frankly, the ambition of this administration and prior administrations to create what is UTD today."

Lynn McIntire BA'79

A registered principal with Raymond James Financial Services Inc. and owner of independent firm Cadent Capital LLC in Dallas, McIntire provides clients with strategic and focused planning solutions.

"The University that sprouted here is exceptional and is a little piece of heaven for so many people who do come and study and grow and learn."

Kevin Ryan MBA'95

Ryan serves as chief financial officer and senior vice president at Merit Energy Co., a private firm in Dallas specializing in direct investments in oil and gas assets.

"It's been really great watching UTD explode over the years. It's a big part of the community in which my family lives and which I'm very proud to be part of for where it is and where it's going in the future."

Michael L. Wehmeyer PhD'89

Wehmeyer is a professor of special education; director, Kansas University Center on Developmental Disabilities; and senior scientist, Beach Center on Disability, all at the University of Kansas.

"What I learned in those years was how to look at problems in human behavior and human development from a number of different lenses ... and that has been a very, very important contribution to whatever success I've been able to achieve."

COMET PRIDE SHINES AT INCREASINGLY POPULAR RITUAL



On the eve of graduation, more than 100 students and alumni slipped on new UT Dallas rings during a ceremony teeming with family and friends. The UT Dallas ring ceremony tradition began in 2001 and has evolved into a rite of passage for Comets. Following the formal ring presentation, participants line a reflecting pool on the University mall to ceremonially dunk their rings in UT Dallas waters.

Most of the students use this time to publicly acknowledge those who supported them during their college journeys. Others share stories of overcoming obstacles and challenges through the process of earning their degrees.

Mario Moreno, a student who took part in the spring ring ceremony and plans to graduate with a bachelor's degree in marketing in December, said, "I have to thank the University for taking me in and making me a better person."

Raj Shah BS'13 said, "It truly is an honor and distinction to wear this ring."

In addition to current students and graduating seniors, alumni are returning to campus to take part in the ceremony. For some, such programs were not available during their time on campus, so many alumni have chosen to participate in the ritual to symbolize their Comet pride.

"The education I received 20 years ago in computer science continues to benefit me in my career goals, but the ring is a tangible, daily reminder of all that UTD has made possible for me," said Melisa Mrazik BS'93, an alumna who returned two decades later to participate in the increasingly popular ceremony.

The ring ceremony occurs twice a year, coinciding with fall and spring commencement.

About the UT Dallas Ring Design

- The shield identifies UT Dallas graduates.
- A comet encircling a star reminds graduates to look to the future and use their education to improve the world.
- The Texas flag honors the heritage, frontier spirit and entrepreneurial legacy that created a foundation for the state and University.
- The year of the wearer's graduation is included alongside The University of Texas System seal and the year of the University's founding.



Learn more about the University's official ring at utdallas.edu/ring.

Alumni Giving Helps Propel Campaign Past Goal

The number of alumni who give to UT Dallas each year has more than doubled during the *Realize the Vision* campaign, the University's first comprehensive fundraising effort that concludes Dec. 31.

Alumni and other supporters contributed a record \$78.9 million during fiscal year 2014, pushing the University beyond its \$200 million goal. The \$263 million raised through the campaign is vital to the University's Tier One

efforts. Alumni participation is a factor in many external rankings of university quality, such as those compiled by *U.S. News & World Report*.

Another increase has been in Comet Whoosh Society membership—a group of consecutive annual alumni donors that has grown by 81 percent over the past four years.

Comet Whoosh members are listed at utdallas.edu/whoosh.

Clasby Named Interim VP for Development, Alumni Relations



Dwight Clasby

Dwight Clasby, a veteran fundraiser who has been assistant vice president for the Office of Development and Alumni Relations since 2009, was appointed as the interim vice president in September, succeeding Dr. Aaron Conley.

Clasby will focus on major gifts, important development projects and strengthening alumni engagement, including the Dec. 31 completion of the University's five-year, \$200 million *Realize the Vision* fundraising campaign.

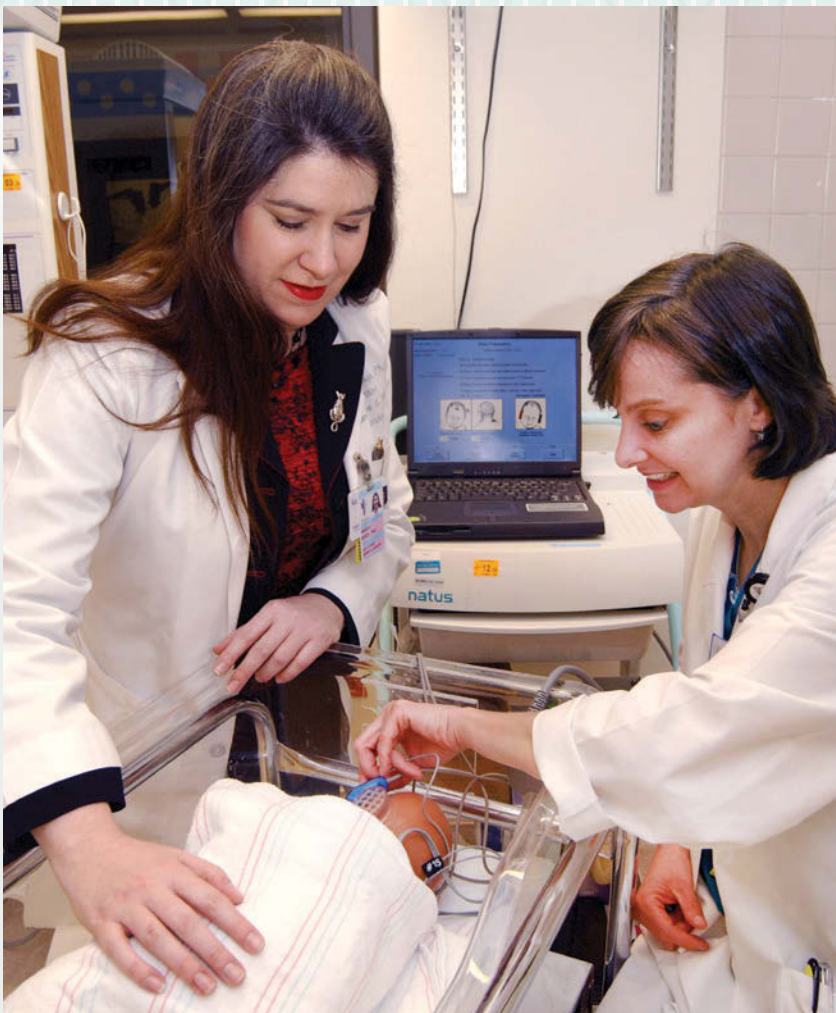
"Dwight is taking on this interim appointment with enthusiasm and insight, and I am confident that he will continue the outstanding work of the development and alumni relations office," President David E. Daniel said.

Clasby previously served as vice president for external affairs for Communities Foundation of Texas and as director of development at St. Mark's School in Dallas.

A national search is being conducted to permanently fill the vice president position.

Sound Expertise

Alumni Profile ▶ Angela Shoup BS'89, MS'92, PhD'94 ▶ by Kristi Shewmaker



WHEN IT COMES TO HELPING PEOPLE with hearing disorders, Dr. Angela Shoup has a big job—one that requires her to manage a clinical team, provide patient care, teach students and conduct research at UT Southwestern Medical Center. When asked how she does it all, Shoup adopts Helen Keller's philosophy: "Alone we can do so little; together we can do so much."

Shoup is the director of the division of communicative and vestibular disorders at UT Southwestern. She provides oversight for her team of 28 clinicians, including audiologists and speech-language pathologists, across multiple institutions, including Parkland Hospital's adult services and universal newborn hearing screening program, Children's Medical Center at Dallas, Plano and Southlake, and the newly opened Children's Specialty Clinic at the Margot Perot Center for Women and Infants. Shoup and her team work together to ensure continuous, comprehensive, evidence-based practice across all of these sites.

Shoup's interest in helping people with hearing impairments began when she was in high school. Her grandparents, and then her aunt and uncle, owned a hearing aid center in Arlington, Texas. Although the native Texan lived in east Tennessee at the time, she spent her summers working at the center. When she began researching universities, her family recommended UT Dallas due to the Callier Center's international reputation in communication sciences. "The interdisciplinary approach of the training program and collaborative atmosphere at UT Dallas gave me the opportunity to work with many different mentors, including outstanding clinicians and professors in hearing science, developmental psychology, cognitive science, speech and language, and neuroscience," Shoup said.

continued on next page ◻◻◻▶



Top: Drs. Angela Shoup and Kris Owen worked together to implement Parkland Hospital's Universal Newborn Hearing Screening Program.

At left: Dr. Angela Shoup with her daughter, Zodie, and husband, Brett Barron.



At UT Southwestern, Dr. Shoup (center) leads a team of audiologists, several of whom are graduates of UT Dallas. Front row, left to right: Bethany Baumgart, Johanna Whitson, JeanneAnne Ramacho-Talley, Teriann Scheets MS'86, Angela Shoup BS'89, MS'92, PhD'94, Laurie Kwon, Melanie Shelburg (behind Kwon), Jenna Hilgert, Aneeqa Amin and Jodi Seligman, current UT Dallas student. Back row, left to right: Kimberly Nix, Jennifer Alford AuD'13, Krystal Atkins, Karen Ford, Bill Even, Stephanie West, Paige Wahl BS'03, AuD'10 and Stephanie Ware.

Later, when Shoup came to UT Southwestern, she helped design and implement the universal newborn hearing screening program at Parkland. The goal of the program is to ensure that every baby has a hearing screening before being discharged from the hospital. For those requiring additional care, follow-up services are coordinated.

“We started the Parkland program in 1999,” said Shoup. “We are passionate about ensuring infants and children receive needed evaluations and appropriate treatment.” Shoup traveled to Austin multiple times to offer input for Texas legislation that would require all hospitals to provide newborn hearing screenings by 2000. That year, the Texas Hospital Association and the Texas House of Representatives flew

a flag over the Capitol in honor of Shoup’s outstanding service to the children of Texas.

In addition to managing her team, Shoup sees patients, both children and adults. As associate professor, she provides lectures for health care providers, including the UT Southwestern resident physicians in otolaryngology—the study of the ear, nose and throat. When time allows, she conducts research on cochlear implants, hearing aids, infant hearing and auditory electrophysiology—the study of how the brain processes sound by attaching electrodes to the head to measure brain waves in response to acoustic stimuli.

“By supporting my team members in their provision of excellent services to their patients, and by teaching the residents,

I am able to reach more patients and impact more lives,” said Shoup. “Then, when I work with a patient of my own, I have the opportunity to see firsthand how that person benefits from audiological care.” Shoup has extended her impact through professional activities, including previous service as president of the Texas Academy of Audiology and as the current chair of the American Academy of Audiology Foundation Board of Trustees.

Dallas is home for Shoup, her husband, Brett Barron, and their daughter, Zodie, whom they adopted from China. In all facets of life, Shoup believes in people helping people. “When we work together toward a common vision and support each other in a positive way, we can improve the world.” **UTD**

ALUMNI NOTES

1970s ▶

Rickey "Rick" Callahan BA'78 was elected to the Dallas City Council in June 2013. He is president of Callahan Properties.

John Wyckoff BA'79, executive director of the Ellis County Children's Advocacy Center, received the staff award at the Children's Advocacy Centers of Texas Partners in Courage awards luncheon in October 2012.

1980s ▶

Christine Karol Roberts BGS'82 was named a 2013 and 2014 "Los Angeles' Women Leaders in the Law" by ALM and Martindale-Hubbell.



Scott Mackenzie BA'84, associate professor and director of theatre at Westminster College in New Wilmington, Pennsylvania, was recently awarded the Prize for Innovative Teaching in Theatre from the Association for Theatre in Higher Education and Kennedy Center American College Theatre Festival Region II. A faculty member since 2001, he is a certified associate teacher of Fitzmaurice Voicework®, has acting experience in film, television and theatre, and has directed over 30 productions. Scott co-wrote, produced and directed *Out of the Fire: Voices of the Holocaust* for the Hoyt Institute of Fine Arts. While on active duty with the United States Army Reserve, he directed *Bigfoot Stole My Wife*, a show produced entirely by military and civilian personnel stationed in Baghdad's International Zone. In addition to his undergraduate degree from UT Dallas, Scott earned a Master of Fine Arts degree in acting from Michigan State University and a PhD from Wayne State University.

Jeffrey Skaggs BA'87 was named senior vice president of policyholder services and agency relations at Louisiana Workers' Compensation Corp. He has more than 27 years of experience in commercial insurance underwriting, marketing and management. Most recently, he was vice president of regional operations for Texas Mutual Insurance Co. in Austin.

1990s ▶

Farris Rookstool III BA'90 served as WFAA-TV Inc.'s news analyst in 2013, leading up to the 50th anniversary of the assassination of President John F. Kennedy. Farris is a JFK historian and former FBI analyst. He has worked on several books and documentaries, including consulting on *The Day Kennedy Died* by the editors of *LIFE* magazine. He was also instrumental in the 2012 dedication of a Texas Historical Commission marker honoring Dallas police officer J.D. Tippit, who was shot and killed by Lee Harvey Oswald following President Kennedy's assassination.



Mark A. Castillo BA'97 was named one of the "Best Lawyers in Dallas" by *D Magazine* in May 2014. He was also named a "Texas Rising Star" by the Super Lawyers rating service in the April 2014 edition of *Texas Monthly*.



Raj Kalyandurg BS'98 was named one of *Dallas Business Journal's* "40 Under 40" in April. He is senior vice president of investments, private wealth advisor and senior portfolio manager for the PIA Program at Merrill Lynch Private Banking and Investment Group.

2000s ▶

David L. Holmberg MBA'00 was appointed president and chief executive officer of Highmark Health in May. David has been a member of the senior executive team of Highmark Health since November 2007 and has served in a number of significant operating roles within the enterprise. He has been president of Highmark Inc.'s diversified businesses since July 2013, as well as chief executive officer of HVHC Inc. and chairman and CEO of Visionworks. Prior to joining Highmark, he was the executive vice president for operations for Jo-Ann Stores Inc. He also served as president of Cole Licensed Brands, which encompassed more than 1,200 Sears Optical, Target Optical, BJ's Wholesale Clubs, Pearle Vision Canada and Sears Optical Canada stores. He previously held several key management positions at Zales Corp. David received the distinguished alumni award from UT Dallas in 2009 and is a graduate of the Harvard Business School's Advanced Management Program.

Daniel Rathbun BS'01 received a €1.2 million grant in April from the Bundesministerium für Bildung und Forschung, a federal ministry for education and research in Germany. The grant funds a five-year research program in visual neuroprosthetics. Daniel is a Bernstein Post-doctoral Fellow in the Euler Lab at the University of Tübingen's Institute for Ophthalmic Research in Germany. After earning a bachelor's degree in neuroscience at UT Dallas, he completed a PhD in neuroscience at the University of California, Davis.

Kristin Kuhne MPA'02, PhD'08 was elected to the Richardson Independent School District Board of Trustees in May. She is a research and evaluation analyst for Educate Texas, a public-private initiative of Communities Foundation of Texas.

Peter Balyta MBA'03 was named vice president at Texas Instruments in March. Peter is also president of the education technology division, focusing on educational technology to improve student achievement in mathematics and science. He joined TI in 2000 as a manager of educational sales and has since held a number of positions within the division, including manager of product strategy and strategic alliances, director of global product and marketing strategy, and general manager of Europe and Asia Pacific regions. He most recently served as director of worldwide marketing.



Kim Vance MBA'03 was named vice president of marketing and communications for Feizy Rugs in June. In this role, she is responsible for leading the development of brand strategy, product marketing and corporate communications. Prior to joining Feizy Rugs, Kim was president and founder of Trugenius Marketing, where she spent more than a decade as a consultant for a broad array of clients including Dr Pepper Snapple Group, Solomon Associates, RiseSmart and Reachout Home Care. Kim began her career at 7-Eleven Inc. in a corporate communications role.

ALUMNI NOTES



Arturo M. Aviles MBA'04 has been promoted to "of counsel" in the Austin office of Segal McCambridge Singer & Mahoney Ltd. He is a counselor and litigator who defends clients in civil litigation matters, including personal injury, workers' compensation, premises liability, labor and employment, aviation, security, commercial and toxic tort. Arturo has served as mediator in Travis and Williamson counties. He is past chair of the Austin Bar Association's ADR section and is a frequent speaker regarding mediation, negotiation and conflict resolution. Arturo also holds degrees from Southern Methodist University Dedman School of Law and University of Colorado Boulder.



Sri Ayyeppen MSE'04 was named one of *Dallas Business Journal's* "40 Under 40" in April. He is chief technology officer and co-founder of Keste.

Deborah Mitchell MA'04 wrote *Growing Up Godless: A Parent's Guide to Raising Kids Without Religion*, published in April by Sterling Ethos.

Kelsey McManus Trinko BA'04 recently married John Henry Trinko and relocated to Nashville, Tennessee.

Hope Aguilar BA'07 has written a memoir, *Hope Through Cancer*, about her experience with late-stage ovarian cancer. Now cancer-free and an advocate for ovarian cancer awareness, she is donating 50 percent of proceeds from the sale of the book to the Ovarian Cancer National Alliance, the Ovarian Cancer Research Foundation and the National Ovarian Cancer Coalition.

Carlos Harleaux BS'07 was inspired to start his publishing company, 7th Sign, in 2013 after self-publishing his first book of poetry, *Blurred Vision*. The company has now published three books, including Carlos' second book of poetry, *Hindsight 20/20*.

Craig Blum BA'08 interns on Capitol Hill while attending graduate school at The George Washington University in Washington, D.C.

Eric Tangumkem PhD'08 published *Coming to America: A Journey of Faith* in April. The book shares the story of his experiences as an international student from Cameroon studying in America.

Britt Berrett PhD'09 has returned to UT Dallas to lead the Jindal School of Management's new undergraduate program in healthcare administration. Most recently, he was president of Texas Health Presbyterian Hospital Dallas, leading the operations of the 898-bed acute care hospital since February 2010.

Chris Dee Ford BA'09 earned a master's degree in counseling from Southern Methodist University in June 2012.

Francesca Alexander Hoffpauir BA'09 graduated from Oklahoma State University's Center for Veterinary Health Sciences in May. She is a veterinarian at Parker Animal and Bird Clinic in Plano, and recently married Tom Hoffpauir.



Jessica Williams BA'09, owner of The Mental Edge LLC, was recently designated a certified consultant of the Association for Applied Sport Psychology (AASP), an international professional organization that promotes sport and exercise psychology. As a sport and performance consultant, Jessica specializes in working with figure skaters, but consults with athletes and performers of all ages and levels. She is also a figure skating coach with South Suburban Parks and Recreation in Centennial, Colorado. In addition to AASP, Williams is a member of the U.S. Figure Skating Professional Skaters Association.

2010S ▶

Sara J. Arnold BS'11 is first author on a paper about hippocampal volume in psychosis that was published in February in the journal *Schizophrenia Bulletin*. In 2012, she participated as a Green Fellow in Dr. Carol Tamminga's lab at UT Southwestern, continuing to work in the lab for several years following graduation.



John Williamson MS'11 was promoted in July to manager of Dallas Risk Advisory Services at Whitley Penn, a public accounting and consulting firm.

Erik Jensen MA'12, a PhD student in philosophy at Michigan State University, received the Somers Excellence in Teaching Award in April. The Somers Award recognizes graduate teaching assistants for excellence, innovation and creativity in undergraduate teaching. Nominees are recommended by faculty and students.

Angie Johnston BA'12, BS'12 is a psychology doctoral student at Yale University's Canine Cognition Center where she's studying what dogs know and how they learn from people.

Jeremy Bergmann BS'13, who is pursuing his goal to become a certified public accountant, was hired by a small CPA firm following graduation.

Josselin Garibo BS'13 is completing a yearlong volunteer program called Francis-Corps, in Syracuse, New York. A refugee youth worker at the Northside Catholic Youth Organization, she works with a class of five- to nine-year-olds at an after-school program. Josselin is also in charge of a teen group of recently arrived refugees.

If it's been a while since you've been on campus, take a virtual tour at

utdallas.edu/virtualltour

Alejandro Jacobo MS'13 is a 2014 recipient of a Texas Business Hall of Fame scholarship. The \$10,000 annual scholarship recognizes students who demonstrate exceptional leadership skills and an entrepreneurial spirit.



John E. McDonald MS'13 was named chief medical officer of North Hills Hospital in North Richland Hills, Texas.

Julio Catalino Sadorra BS'13, a U.S.-based Grandmaster from the Philippines, topped the 2014 Lone Star Open chess tournament in Houston. During the February tournament, he gained three Elo points, enough to tally an Elo rating of 2600.9. This makes Julio the third player from the Philippines to break the 2600 rating mark. He followed that milestone with a win in March at the master section of the Western Class Championship in California. He also competed in the 41st Chess Olympiad as part of the Philippine men's team.



Barry M. George MS'14 founded Impact Coaching+Advising in 2011 in San Francisco, California, following a 30-year career in executive leadership.

Nicholas Lorenzo MS'14 was named chief medical officer of online medical service provider MeMD in July. He oversees the MeMD provider network and clinical team, evaluates new treatments and procedures, develops guidelines for consistency of clinical care and works on strategic initiatives with the executive team.

David Weisser BA'14 studied policy and interned on Capitol Hill in Washington, D.C., as a Charles G. Koch Summer Fellow.

Bright Success for 'Dark Room' Game Application Developer

Working full time since he was a student, **Amir Rajan BS'06** needed a break. He decided to quit his job and convinced his wife that they should downsize to a one-bedroom apartment.

During this sabbatical, Amir came across a video game called "A Dark Room" that had gone viral on the Web. The role-playing game, created in 2013 by programmer Michael Townsend, takes place in a post-apocalyptic world in which the player must rebuild society. The game is text-based, leaving the images to the player's imagination.

After reaching a deal with Townsend, Amir quickly learned the iOS app platform and created an iOS version of "A Dark Room" that was released at the end of last year.

Despite the original game's success and praise for the app from critics in *Forbes* and online magazine *Paste*, download figures remained small. But five

months after the app's release, Amir noticed a spike in downloads in the United Kingdom. Soon, downloads hit 20,000 in one day, pushing it to No. 1 in the U.K. App Store. That success quickly spread to the United States, where it also reached No. 1 across the App Store charts, and it received a celebrity Twitter shout-out from Grammy-nominated singer Josh Groban.

Amir recently launched a prequel game of his own design—"The Ensign"—that is available in the App Store. —Farah Ellenbogen



In Memoriam

REMEMBRANCES OF UNIVERSITY ALUMNI

Hugh David Arant MS'74, Oct. 9, 2013, Dallas. A retired captain in the Marine Corps, Arant received the Distinguished Flying Cross and Air Medal. He flew a B-25 PBJ Mitchell bomber during World War II and an F7F Tigercat and F3D Skynight in the Korean War. Arant earned a mechanical engineering degree from Texas A&M and a master's degree in environmental science from UT Dallas. A licensed professional engineer, he was president of the Dallas chapter of the American Institute of Plant Engineers (AIPE). He founded Temp Air Corp., later working at Collins Radio Co., Rockwell International and Halff Associates Inc. An Eagle Scout actively involved with Troop 709, Arant received the Boy Scouts of America's Silver Beaver Award.



Randolph C. Aldridge MS'75, Feb. 21, 2014, San Antonio, Texas. He earned a chemical engineering degree from Texas A&M and a master's in international management from UT Dallas. He served in Vietnam with the U.S. Navy as a carrier-based pilot. His awards and commendations included four individual air medals and the Navy Commendation Award with combat "V." He later flew in the Navy Reserve, achieving the rank of lieutenant commander. His lengthy career with Koch Industries Inc. included serving as president of Koch Canada and chairman of the board of Koch Pipelines Canada. After retiring in 2001, Aldridge moved to San Antonio.

Fred Joseph Hawn BGS'77, March 30, 2014, Rockwall, Texas. Hawn had a 33-year career with Rockwell International as a radio frequency engineer and worked on NATO-sponsored projects that took him to many countries. He completed many night courses to earn a bachelor's degree at UT Dallas. A teacher for many years at

Eastfield College, he received an excellence award from the Community College Leadership Program at UT Austin. Hawn, a member of the Ridge Pointe Athletic Club and Plano Pacers running group, documented that by 2013 he had run 24,901 miles—the circumference of the Earth. He and his wife, Sandra, celebrated their 56th wedding anniversary in 2013.

Wilda "Irene" Tarr MS'79, Feb. 1, 2014, Mountain View, California. Tarr was raised in Ohio and was valedictorian of New Concord High School (later renamed John Glenn High School). Tarr graduated from The Ohio State University with a bachelor's degree in speech and hearing therapy. A master's degree in special education followed in 1979 from UT Dallas. While at Ohio State, she met and married her husband, Bob. During their 66-year marriage, the couple moved several times for his career, with her making many lasting friends at each stop. Tarr was active in her church, First United Methodist Church of Sunnyvale, Texas.

Dorothea McClain BA'80, Jan. 23, 2014, Marietta, Georgia.

Elizabeth Barnett Mann BA'81, Feb. 28, 2014, San Antonio, Texas. Mann graduated from Waco High School in 1949. In 1951, she married Joe Mann, also of Waco, and together they raised three children in Dallas. After her husband's retirement in 1992, she and Joe moved to Kerrville, Texas. Her hobbies included reading, nutrition and exercise, caring for stray cats and baking pies.

Donald R. Bryan MS'82, March 25, 2014, Sacramento, California.

Karen Ann Sones BS'82, Jan. 19, 2014, Weatherford, Texas. Sones, a native of Dallas, was a member of Highland Oaks Church of Christ in Dallas.

Mary Laura Ruff BGS'83, March 5, 2014, Marshall, Texas. Ruff earned her bachelor's degree from UT Dallas in 1983. She was an artist who taught friends and family about art, literature, storytelling and music. Most recently a resident of Marshall, Ruff also lived in Santa Fe, New Mexico; Kearney, Nebraska; Dallas and Longview. While in Santa Fe, she wrote "*Sacred Poetry on the Path*" under the name of Mary Rose-Gentle Doe. Ruff was a licensed massage therapist and a specialist in biofeedback and stress management.



The Reverend Elizabeth Carpenter MS'84, Jan. 3, 2014, Monrovia, Maryland.

Carpenter, born and raised in Mobile, Alabama, graduated from Duke University and from UT Dallas. After earning a Master of Divinity degree from Harvard University in 1991, she was ordained in the Episcopal Diocese of Massachusetts. Carpenter served several parishes in Massachusetts, as well as St. Anne's Episcopal Church in Damascus, Maryland, until her retirement in 2011. As rector of St. Anne's, she ministered to families and oversaw the construction of the church's new sanctuary.

Kurt Alan Holmes BGS'84, March 24, 2014, Plano, Texas. While surrounded by family, Holmes died from cancer at his home in Plano. He was born in Mountain View, California. Holmes worked for 30 years as a software engineer for Texas Instruments and Raytheon. Those who knew him said he inspired them by showing heroic courage while enduring many health issues without complaint.

Stephen Lewis Judd MAT'84, April 7, 2014, The Colony, Texas. A graduate of James Whitcomb Riley High School in South Bend, Indiana, he received degrees from Indiana University Bloomington and UT Dallas.



Barbara Mason Hamric BGS'85, June 8, 2014, Dallas. Hamric completed her degree at the age of 62.

She was the mother of three children and grandmother of two granddaughters and one grandson. She loved travel and her many friends, maintaining a wide range of interests throughout her life. She attended the University of Michigan, where she met her future husband, Fred Hamric. Married during World War II, they lived in Ann Arbor, Michigan, while her husband completed law school. They moved to Houston, and a few years later to Dallas, where they lived for more than 50 years.

Joanne Darsey Stevens PhD'86, July 18, 2014, Dallas. Stevens majored in education at Texas Tech University, where she met Steve Stevens. They were married in Midland, Texas, where she taught school. She earned a master's degree from Angelo State University and a doctorate in art history from UT Dallas. She taught art history at Collin College until 2011. Stevens and her husband visited art museums abroad as well as in the U.S. She was a docent at the Dallas Museum of Art, a member of the Northwood Woman's Club and a member of Highland Park Presbyterian Church.

Michael G. Underwood BS'86, March 21, 2014, The Colony, Texas. Underwood passed away after a brief illness. He was employed by Texas Instruments and earned a bachelor's degree from UT Dallas. Underwood enjoyed his hobbies of guitars, amateur radio, cars and astronomy.



Jesse Lewis Coody BS'90, March 28, 2014, Richardson, Texas. Coody graduated from Plano East Senior High

School where he had been a running back on the football team and competed in bodybuilding and power

lifting. Coody attended Texas Tech University before returning to Murphy and earning a degree in business from UT Dallas. While in Lubbock, he was named Mr. Texas Tech and earned a national ranking in power lifting. Coody worked for GEICO Insurance for more than 20 years. He is survived by his wife, Lisa, and their two children, Paige Grace and Jace Lee.

Patrick Riley BS'90, Jan. 11, 2014, McKinney, Texas. Riley passed away suddenly at his home. He spent his earlier years in Bryn Mawr, Pennsylvania, and Pasadena, California. In 1974, his family moved to the Dallas area. He graduated from Plano Senior High School in 1980 and UT Dallas in 1990. He married Belinda Bostick. Their son, Sean, was born in 1991. Before retiring from Hewlett-Packard in 2012, Riley worked for Southland Corp. and Electronic Data Systems. A love of the outdoors fueled his many interests. Riley and Janet Herndon, whom he married in 2010, spent several years traveling and enjoying the outdoors.



James Lee Ferris BA'91, Jan. 30, 2014, Lewisville, Texas. Ferris was born in Ithaca, New York. After graduating from Plano Senior High School in 1982, he joined the U.S. Navy, where he spent three years on active duty. In 1991, Ferris graduated from UT Dallas. He received an honorable discharge from the United States Navy Reserve in 1994. Ferris was an account executive for TAKE Supply Chain. He loved scuba diving, skiing, flying, martial arts, bodybuilding, motorcycling, hunting, fishing, and most of all, his children.



Mary Ann Barker PhD'92, Dec. 8, 2013, Dallas. Barker met and married her husband, Bill, while attending UT Austin. She earned a master's degree from Southern

Methodist University and a doctorate from UT Dallas. Retired from the SMU provost's office, Barker was an active member of Saint Michael and All Angels Episcopal Church. She had been a member of several civic organizations, including the Dallas Shakespeare Club, the Dallas Woman's Club and the Junior League of Dallas Inc. She served on the UT Austin McDonald Observatory and Department of Astronomy Board of Visitors and as a docent at the Science Place Planetarium.

David Russell Delgado BS'92, May 21, 2014, Richardson, Texas. Delgado fought a three-year battle against cancer. He was born in Austin and graduated from the American School of London. After moving to Dallas, Delgado graduated from UT Dallas. He spent his career in information technology management with several companies.



Maribeth Lyn Ellis Olberding MAT'92, May 28, 2014, Las Cruces, New Mexico. She was born in Dallas and graduated from Richardson High School. Olberding earned a degree in math education from Baylor University and was a member of Sigma Kappa sorority. She earned a master's degree from UT Dallas. After marrying Bruce Olberding in 1993, she lived in Middletown, Connecticut, and Monroe, Louisiana, before moving to New Mexico. In Las Cruces, Olberding worked as an assistant professor in the Department of Mathematical Sciences at New Mexico State University. She had two daughters, Della Lyn and Lila Kay.

Florence Lucie Pitard Bellew BA'96, Dec. 16, 2013, Coppell, Texas. After marrying Richard W. Bellew Jr., she lived for 16 years in New Orleans before moving to Dallas. She formed both a homeowners association for her Far North Dallas neighborhood and the

North Dallas Neighborhood Alliance (NDNA). A charter member of the Renner Frankford Library Friends, she served for 10 years on the city of Dallas Municipal Library Board. Bellew was an active member of St. Mark the Evangelist Catholic Community in Plano, establishing a mission to provide medical devices for the community. With her late husband, she served in a faith-based marriage ministry.

Irene Davis Threadgill BA'96, April 2, 2014, Dallas. Threadgill was a federal government employee for many years. She retired in 1992 as a legalization adjudicator. After retirement, she returned to school and received a bachelor's degree in sociology from UT Dallas.

Mary Waugh MAT'96, Teacher Certification'97, May 9, 2014, Plano, Texas. Waugh died due to complications from lymphoma. A graduate of Saint Saviour High School in New York City, she completed a bachelor's degree in mathematics from Marymount Manhattan College. She married Philip Waugh in 1972 and lived in Manalapan Township, New Jersey, until they relocated to Plano in 1989. After raising three children, she earned a master's degree and teacher certification from UT Dallas. She taught algebra and geometry in Dallas and Plano until she retired in 2014. She worked with the Stephen Ministry, fostered rescue dogs and volunteered as a court-appointed special advocate for children.

Nefeterius Akeli McPherson MPA'00, March 20, 2014, Dallas.

David Kalitta BSEE'01, May 10, 2014, McKinney, Texas. Born in Austin, he graduated from Plano Senior High School in 1991 and earned a bachelor's degree in electrical engineering from UT Dallas in 2001. He worked as a senior program manager for NICE Systems. He and his wife, Kori, had

two children, Emily Reece and Grayson Stephen. Kalitta was an avid movie fan and enjoyed cooking, baking, family movie nights and cheering for Emily and Grayson at their sporting events. He loved the Dallas Cowboys, Dallas Mavericks and Texas Rangers. His friends and family said they have "lost a hero."



Ryan Omar Siddique BA'08, April 10, 2014, Colleyville, Texas. Siddique earned a bachelor's degree in criminology from UT Dallas. An aspiring golfer, he played on the Comets men's team, setting a record for the lowest round ever shot in the team's history—a 67—while taking medalist honors in the NCAA John Bohmann Memorial Invitational. Before suffering a stroke, Siddique helped launch the Dallas office of the J.P. Barth Law Firm PLLC, where he was a director. He belonged to a Corvette club, working on and showing his award-winning Corvette.

Andrew R. Timm BS'08, April 27, 2014, Cincinnati, Ohio. Timm was born in Bloomington, Minnesota. His family moved to Allen, Texas, in 1997. A graduate of Allen High School, he earned a bachelor's degree in computer science from UT Dallas. He was an employee of Tata Consultancy Services in Ohio.



Allison Haley Thomas BA'09, Feb. 19, 2014, Richardson, Texas. Thomas was born in Lubbock, Texas. After graduating from J.J. Pearce High School in Richardson, she attended Texas State University, where she was a cheerleader. She later graduated from UT Dallas. Thomas was a member of First United Methodist Church in Richardson and loved spending time with family, friends, and her dog and special companion, Molly. She enjoyed all sports, especially snow skiing and water skiing.

In Memoriam

REMEMBRANCES OF UNIVERSITY FACULTY, STAFF AND FRIENDS



Arkady Fomin
1946-2014

Arkady Fomin was director of the University's string ensemble and longtime artist in residence at UT Dallas.

Fomin was born in Riga, Latvia, where he studied at the Latvian State Conservatory. He played with the Latvian State Radio Symphony Orchestra and the Latvian Philharmonic Chamber Orchestra. In 1975, he joined the Dallas Symphony Orchestra to play in the first violin section—a role he kept for nearly four decades.

The same year he joined the DSO, Fomin came to UT Dallas as an artist in residence where he worked to establish the New Conservatory of Dallas.

Originally created in 1979 as a summer workshop at UT Dallas, the New Conservatory has become an internationally known music program that provides music education and performing opportunities for young musicians. Under Fomin's direction, students of the conservatory presented concerts in a number of cities in the U.S., including two visits to the White House, and tours of Russia, Latvia, the Czech Republic and Scotland.

Fomin also co-founded the Clavier Trio, which serves as ensemble in residence at UT Dallas. Among its recordings is "Passion & Glory," and the ensemble is featured in an album of chamber works by UT Dallas professor Robert Xavier Rodríguez.

Fomin has taught string orchestra courses at UT Dallas throughout the years, providing an opportunity for students to play and study in an ensemble. At the end of every semester, students perform classical music from different periods in the Arts Festival.

"Arkady will be remembered as a gifted musician, an inspiring teacher and a good person. Our hearts go out to his family," said Dr. Dennis M. Kratz, dean of the School of Arts and Humanities. "I treasure the opportunities that I had to hear Arkady perform with the Clavier Trio, watch him conduct the New Conservatory, listen to him explain how to improve the quality of our music program and be his friend."

A concert in Fomin's memory was held in November.



Ray Hutchison
1932-2014

Ray Hutchison, a former member of the Executive Board of the Chancellor's Council for The University of Texas System, was a partner at the law firm of Bracewell & Giuliani LLP in Dallas. During his more than 50-year career, he served as bond counsel to state and local governments and was regarded as the dean of bond lawyers in the state of Texas. He played a pivotal role in many significant public projects in North Texas, including the issuing of bonds to build a new Parkland Hospital.

Hutchison served in the Texas House of Representatives from 1973 to 1977. While in office he was named by *Texas Monthly* as one of Texas' Ten Best Legislators. He served as chairman of the Texas Republican Party from 1976 to 1977. A trusted behind-the-scenes counselor for elected officials, Hutchison was a partner and supporter of his wife, Kay Bailey Hutchison, who ran successfully for state and then federal office.

Hutchison was born in Rockwall, Texas, and graduated from Crozier Tech High School in Dallas. After service in the U.S. Navy from 1952-1954, he enrolled at Southern Methodist University, earning a bachelor's degree in 1957 and a law degree in 1959.

Among his many honors were the Charles O. Galvin Award for Service to SMU's Dedman School of Law in 2000 and the Jurisprudence Award from the Anti-Defamation League in 2003.

Hutchison was a member of the Dallas Citizens Council and the Dallas Chamber of Commerce.



Johnny Madrid
1975-2014

Johnny Madrid worked in the maintenance department for facilities management from 2008-2011.

Born in Stanton, Texas, the outdoors enthusiast graduated from Plano East High School in 1994, where he was a member of the ROTC.

He is survived by his wife, Deidra; son Daniel and daughter Madison; parents Rene and Susan Madrid; sister Shannon and her husband, James Schumann; and nephew Gabriel Schumann and niece Jayde Schumann.



Michael Jacobs
1924-2014

Michael Jacobs was a Holocaust survivor whose children and grandchildren established a fellowship in honor of his experiences.

The Mike Jacobs Fellowship in Holocaust Studies is awarded by UT Dallas' Ackerman Center for Holocaust Studies to a graduate student planning to focus on the subject.

Jacobs, who was a businessman and author, is survived by his wife, Ginger; daughter Deborah Linksman; and sons Mark, Andy and Reuben.



John P. Harbin
1917-2014

John "Jack" P. Harbin was a longtime member of the Center for Brain-Health Leadership Council. In recognition of his generous contributions to the center's refurbishment, a medical science office was named in his honor.

The majority of Harbin's business career was spent with oilfield service company Halliburton. He retired from the company in 1983 after about 35 years, the last 11 of which he served as chairman and chief executive officer. The job took him across the globe, from dining with Queen Elizabeth II of England to visiting the demilitarized zone between North and South Korea.

Harbin was a member of the Texas Business Hall of Fame and served on the Executive Board of the Chancellor's Council for The University of Texas System. He received a distinguished alumnus award from UT Austin and the Frank Pitts Energy Leadership Award from Southern Methodist University.

Born in Waxahachie, Texas, Harbin graduated from UT Austin in 1939. During World War II, he served as a lieutenant in the United States Navy Reserve.

Harbin is survived by his daughter Linda and her husband, Joel Robuck; two grandsons and their wives; and four great-grandchildren.

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UT Dallas is among select universities whose students are eligible for Terry Scholarships. Mohrman, who finished her bachelor's degree in three years, is pursuing a master's degree in computer science that she plans to complete in one year.

Laurie Seguin, mother of Andrew Seguin, the alumna at Google, and Sean Seguin BS'06, who earned a master's degree at Cornell and works at Apple, said that both of her sons were awarded scholarships and experienced unique opportunities such as traveling overseas while they were students at UT Dallas. She said they gained a wider array of post-college choices because they both graduated debt-free.

"Our primary goal for our sons has always been for them to live a purposeful life. Finding their purpose and cultivating the skills needed to become successful is always a parent's concern," she said. "UTD provided the opportunity to learn in a culturally rich, creative, diverse community founded by innovative leaders with dreams. These founders inspired my children to strive to be leaders in their community and to follow their dreams."

FREEDOM IN UNIVERSITY'S YOUTH

Daniel said several factors make UT Dallas appealing to the more than 23,000 students who now attend the school.

He said part of the allure is that it is a younger institution—freshmen and sophomores were first admitted in 1990—that gives students a sense of possibility not often nurtured at older colleges or universities. Sometimes those older or larger institutions, he said, "tend to think that the only good idea is one that was developed there." But he said UT Dallas students "tend to be more entrepreneurial."

"A student here tends to be someone who's a builder, a student who starts new programs or proposes a new lab," he said. "They are dynamic and have a lot to offer. Students aren't coming here to fit onto a conveyor belt." **UTD**



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ARTS AND TECHNOLOGY DISTINGUISHED LECTURE SERIES

Hosted by UT Dallas' Arts and Technology (ATEC) program, the series features speakers from a wide range of backgrounds in science, technology and art. They will present public lectures on topics aimed at exploring the evolving relationships among art, technology engineering, and behavioral and social sciences.

January 28



Lincoln Wallen
Chief Technology Officer, DreamWorks

LINCOLN WALLEN is the chief technology officer for DreamWorks Animation, where he oversaw the creation and deployment of the studio's computer graphics production system. Under his leadership, DreamWorks Animation was named to *MIT Technology Review's* "50 Most Innovative Companies" list.

March 4



John Maeda
Design Partner, Kleiner Perkins
Past President, Rhode Island School of Design

JOHN MAEDA has worked for more than a decade to integrate technology, education and the arts into a 21st-century synthesis of creativity and innovation. He believes art and design are poised to transform our economy in this century as science and technology did in the last.

April 8



Hugh Herr
MIT Media Lab
Biomechatronics Program Head

HUGH HERR is responsible for advances in bionic limbs that offer new hope to people with physical disabilities. *Time* magazine called him the "Leader of the Bionic Age" because of his work in the emerging field of biomechatronics, a technology that marries human physiology with electromechanics.

April 28



Tony & Jonna Mendez
Author of "Argo" and
both former CIA officers

TONY and **JONNA MENDEZ** are former CIA officers whose lives have been featured in books, TV documentaries and the Oscar-winning film *Argo*. Tony Mendez engineered the 1980 rescue of six U.S. diplomats from Iran in an operation that inspired the movie. Jonna Mendez worked as a technical operations officer with a specialty in clandestine photography.

Visit utdallas.edu/lectureseries for more information.

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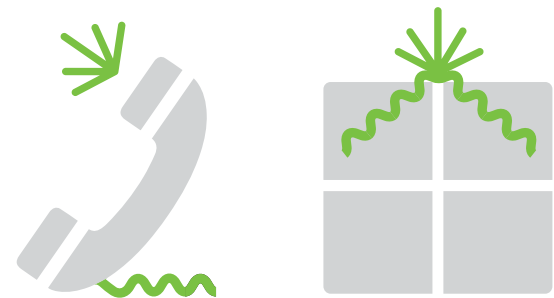
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HINDSIGHT: *Cecil H. Green*



Advances in technology and science—especially those foretold by the advent of solid-state physics and multiple transistors on tiny silicon chips—were very much on the mind of founder **Cecil H. Green** when he spoke at the dedication of the Student Union on April 23, 1982.

Here's what he had to say:

“As we look forward another 20 years, the future promises to be even more exciting as we all step forward into a dramatically important electronic age.

“The University of Texas at Dallas is purposely equipped and therefore destined to play an important and key role in the evolution of these important changes—not only in terms of continuing developments in these basic and applied sciences, but also from the viewpoint of resultant changes in our social environment.

“You present-day students, as well as those who will have the good fortune to follow you here, will have a wonderful opportunity to fully capitalize on this optimum educational environment—not only for your benefit, but also for the benefit of our country as it moves ever deeper into this oncoming electronic age. It is important to stress that this is very much a worldwide transition and there is a challenge to each of you, as you become scientists, engineers, managers and social advisors, to help keep our country in the forefront of this ever-changing world.

Left: Cecil H. Green joins UT System Regent Beryl Buckley Milburn in the ribbon cutting at the Student Union dedication in 1982.

Above: Since its opening, the Student Union has been the hub of campus life, where students can relax, dine, socialize or study. Its original design included a short-order grill, a large dining area and headquarters for student government, student activities and the student newspaper. Renovations in recent years provided new space for student media, meeting and training rooms, a quiet Reflection Room and expanded dining and study options.

“Buildings do have personalities, as well as purpose. A student union fulfills a very important purpose—by functioning in effect as a catalyst. Thus, this center is no doubt functioning already as a pleasant forum in which undergraduates can meet with each other as well as with graduate students and faculty.

“My everlasting challenge to each of you is to remain robust and imaginative ... to take a full measure of pleasure and pride in this new facility and equally important—take full advantage of the many collaborative opportunities which will just naturally stem from this, your Student Union!”

Cecil Green, who died in 2003, was one of the founders of both Texas Instruments and the research institute that in 1969 became The University of Texas at Dallas. Green and his wife, Ida, were major benefactors. Cecil H. Green Hall, the Cecil and Ida Green Center and a number of endowed faculty positions at UT Dallas bear their names.



A Whoosh Heard 'round the World

Davidson Management Honors Program sophomore Naomi D'Amato, who studied during the summer as a violin fellow with the National Symphony Orchestra in Washington, D.C., does the Comet Whoosh while on the Kennedy Center stage. During the fall and spring semesters, the accounting and finance major is part of the University's Musica Nova Chamber Ensemble. Students in the ensemble join professional musicians for classical music concert performances throughout the year.