

STUDY ABROAD More UTA students are getting their passports stamped and gaining valuable international experience by taking classes all over the globe. p. 20

MAVERICK MAYORS UTA alumni are bringing innovative solutions to city hall, leading three diverse, dynamic Texas cities: Fort Worth, Grand Prairie, and Frisco. p. 28

PROVIDING RELIEF University researchers are finding new and improved ways to treat and manage chronic pain, bringing relief to millions who suffer. p. 34

UTArlington

THE UNIVERSITY OF TEXAS AT ARLINGTON MAGAZINE | WINTER 2016



Cities *Rising*

UTA researchers are working to make large, urban megacities livable and sustainable.

Digging it
Oozeball, voted “most popular tradition on campus,” was held September 23, drawing 104 teams that battled it out on the muddy courts at the corner of Summit Avenue and Greek Row.



Features



STUDY ABROAD 20

A look at the adventures and accomplishments of UTA students and alumni who have participated in study abroad programs around the world. **Ireland, Mexico, Spain, and Japan.**

CITIES OF THE FUTURE 24

UTA researchers are tackling the challenges that will be faced by cities with populations of 10 million people or more.

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Nicholas Wood has honed his artistic skills over nearly four decades. The UTA art and art history professor has exhibited his works internationally in **France.**

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The Maverick couple is baking up business in **Fort Worth.**

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Alumna Shanna Peeples is the National Teacher of the Year.

Tweets



Timely. @utarlington pres @VistaspKarbhari & others walk campus in high heels for #domesticviolence awareness. —@twoodard8

Getting ready for the last summer class #test @utarlington#computerScience&engineering #gottalovemycode —@elsocioeddie

Been sorting stuff round @utarlington All day!! It’s official!! I’m here and ready to start at #UTA —@MadsEdwards

Life is getting back to normal after taking the big bad Foundation Engineering test Thursday. #utarlington —@chadbullard2

Got accepted back into UTA for Engineering! I got a second chance at life! So excited! #thanksuta #uta #utarlington —@awndrayuhh

#myfavoriteteacher is #DrAllanSaxe @utarlington #UTArlington #worldteachersday —@jkmendy

I got to visit my grad school for the first time today! Yay #utarlington #universityoftexasatarlington #gomavericks —@brittany_rives



College is honestly the best thing that has ever happened to me. #UTArlington #UTA19 —@Khanadia3

I miss my school @utarlington It was my home away from home! proud #Alumni #utarlington #ForeverArlington —@imBhavinnaiik

Hey, Mavs! Your student body president and vice president are ready to see you @utarlington’s Convocation! —@emmyology

Happy first day of class @utarlington community! Here’s to a successful academic year to all our players and all students, faculty and staff!!! —@UTASoftball

Dear @utarlington, due to the number of freshmen, I’m forced to park an obscene distance away. I demand a tram. Sincerely, Sweaty Student —@hilarying

Dressing up as a UTA cheerleader today for work. Easiest Halloween Costume Ever!! —@lane_newsom

From the Editor

One of the highlights of my summer was having my 22-year-old son James show me around Barcelona. He was studying international marketing in the Catalonia capital as part of a study abroad program at the Universitat Pompeu Fabra.

His first week there he managed to lose his passport and got lost trying to find his hostel. But by the time I visited at the end of his program, he was a pro at the city’s metro system and knew the best spots for tapas. On our last night, he gave me an insider’s tour of the Magic Fountains of Montjuïc, a spectacular water and light show at the city’s largest ornamental fountain.

He is far from the only American college student traveling the globe this year. UTA sends more than 250 students abroad each academic year and our cover story looks at how and why the University is working to increase those ranks. In the past year, UTA has seen a 30 percent increase in study abroad participants in exchange and affiliated programs and a 32 percent rise in advising visits.

For those who have used their passports, there’s a big payoff. In a recent MetLife survey of Fortune 1000 companies, 65 percent termed global awareness “very important” or “essential” for career readiness.

This fall, we had the pleasure of meeting some amazing Mavericks who serve as mayors in the Dallas-Fort Worth-Arlington Metroplex. Their energy and enthusiasm for their cities is inspiring residents of all ages to get engaged in their communities. The mayors also appreciate their UTA education and eagerly share life lessons with current students when they get back to campus.

We hope you enjoy reading this issue and learning more about the many ways Mavericks are making a difference in their local community and the world. Please share your news and accomplishments. Go Mavs! —Kathryn Hopper

Got to meet @VistaspKarbhari and it was awesome! #UTArlington —@abbyrrrr

Omg yes!!! Starbucks at #UTABookstore is open and there is no line!!! #CoffeeAddict #UTArlington —@mirtlove

So proud of my Mommy! She enrolled in the Bachelor’s to Master’s program of Nursing at UT Arlington! Never too old to go after your dreams! —@AshLuvsKingston

UTA Basketball go Mavs! #mavscity #beatGrambling #arlington @UTAMAVS —@ajkelly_9

My first choir concert at UTA and as a member of A Cappella! @ Irons Recital Hall @ UT Arlington —@MelodyGauntt

I had a wonderful day being the keynote speaker at the University of Texas at Arlington annual communication day! #commday2015 #tayscomm15 #socialmedia experiment was awesome, but Tay’s #instagram video was an #epicfail Record but-ton #malfunction!!! —@taysgourmet

Here is my celebratory tweet for my acceptance to UT Arlington!! —@mulahontas_

UTArlington

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ON THE COVER
Illustration by Neil Webb



YOUR THOUGHTS? Send letters to the editor to utamagazine@uta.edu, or comment on magazine content at uta.edu/utamagazine.

YouTube

MAVSMEET

New and returning students kicked off the academic year during Maverick Stampede, a week-long celebration of special events and activities. MavsMeet Convocation, held in College Park Center, included comedian Shayla Rivera as the keynote speaker. Immediately following the program, students headed to the AfterParty where they enjoyed live music, free food, games, and activities. The University welcomed a record number of students this fall, with enrollment climbing 6.1 percent to more than 37,000 Texas-based students. Combined enrollment in campus-based and online programs is expected to surpass 55,000 students by the end of the academic year. UTA serves another 25,000 students through a wide variety of continuing education, professional training, and career enhancement programs.



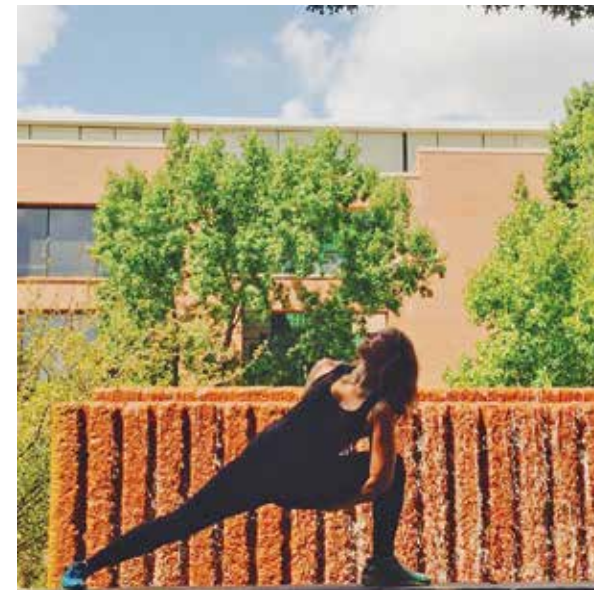
Instagram



@tejbpatel Skool #utarlington



@kedran #brothers #friends #mavericks #utarlington



@fraggleandsuch Day 10 of Instagram #30daysofdharmal with my fellow Dharma yogis brings brings #uthitaparshvakonasana.



@utaorientation We had so much fun last night at Mav Olympics and we are ready for day two! #nmo2015 mecoming! #gomavs #utarlington



@meghankstone_16 "Those are my glasses." #UTAHC2015 #utarlington



@rangercaptain72 caught horsing around with @utarlington mascot Blaze #UTARangersNight

Trending

MAVERICK SPEAKERS SERIES

Mr. & Miss UTA were on hand to greet #MaverickSpeakers @MiaFarrow at Texas Hall! —@utarlington



Another good lineup. Mia Farrow, Daymond John Open 2015-16 UTA Maverick Speakers Series —@tdappel

Master class this morning w/ @MiaFarrow – excellent way to start the day @UTAMav-Theatre My university rocks. —@MelMasonUTA

Thank you UT Arlington!! —@MiaFarrow

I'm so excited to hear fellow dyslexic @TheSharkDaymond speak at #UTA #MaverickSpeakers —@Ewaygood

I know it's a LONG time out, but I'm totally excited to see @donnabrazile in February at @utarlington's #maverick-speakers series. —@elmotweet

LET'S SOCIALIZE

Check us out online and on your favorite social media sites. We welcome your comments, posts, tweets, and career updates.

uta.edu/utamagazine
Enjoy an interactive experience and view Web-only content.

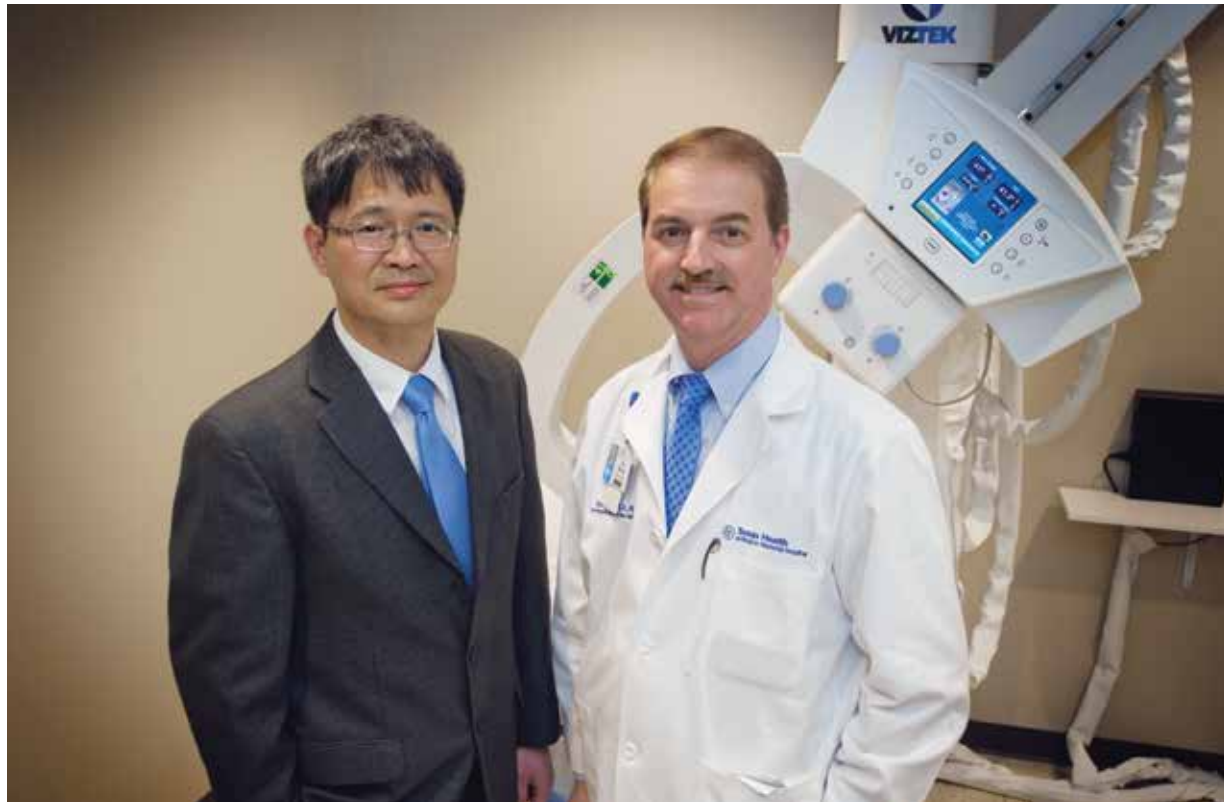
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Link in and tell us about your career achievements.

Campus Buzz

UT ARLINGTON AND THE WORLD



Professor Liping Tang, left, and Dr. Joseph Borrelli Jr., an orthopedic surgeon, play key roles in the new Pre-Medical Student Preceptorship Program designed to impact Health and the Human Condition, a guiding theme of the strategic plan.

Bold Solutions, Global Impact

University transitions to aggressive implementation of Strategic Plan 2020

Today's megacities and those of tomorrow face mounting challenges to become sustainable economic and cultural centers that elevate prosperity and enhance quality of life.

Defined as metropolitan areas exceeding 10 million people, these swelling urban regions combat pressing issues such as improving health care, managing natural resources, creating more livable communities, and harnessing the proliferation of data.

With a population over 7 million, the Dallas-Fort Worth-Arlington area is rapidly approaching megacity status. And UTA stands poised to help ease the growing pains.

Focused on enabling a sustainable megacity, the University's *Bold Solutions, Global Impact* strategic plan encompasses four broad themes: Health and the Human Condition, Sustainable Urban Communities, Global Environmental Impact, and Data-Driven Discovery. The themes provide strategic areas of emphasis

that extend across disciplines to guide academic and research excellence throughout the decade.

"Our strategic plan positions us at the forefront of the discovery, integration, and application of information and knowledge while leading the way for a transformative educational experience not constrained by time, space, or location," UTA President Vistasp Karbhari says.

The plan evolved over 15 months through discussions within the University and with key external constituencies. The UT System Board of Regents endorsed the plan in February.

"Our Bold Solutions, Global Impact strategic plan is much more than a roadmap for the future—it is a call to action," President Karbhari says. "It is a living, dynamic manifesto with targeted metrics that we will continuously measure to assess progress toward our lofty goals."

See more at uta.edu/strategicplan.

Our Bold Solutions, Global Impact strategic plan is much more than a roadmap for the future—it's a call to action.

CAMPUS

Josie Aslakson, Sophomore Film Major **Talk**



You were among the female athletes featured in the "Play Like a Girl" advertising campaign this year designed to empower girls through participation in sports. How did you get involved?

I'm on the Movin' Mavs. We were scrimmaging one day, and we found out that advertising people were wanting to come scope out our practice and maybe talk to one of us. Doug Garner, our athletic director, was talking to one of the advertising people when I pushed by them. He said, "Here's one of our girls, you can talk to her." I guessed they liked what I said.

Did they explain what "Play Like a Girl" was about?

Yes, they explained that it was a nonprofit promoting women and girls having an active lifestyle. They said they wanted all types of athletes, including a girl playing wheelchair basketball, to have a well-rounded ad.

When did you see it put together?

I actually saw it after other people had. I kept getting text messages saying, "You're famous." I was like, what? Our team's Facebook page had put it up, so that's when I first saw it.

What's the message of the ad?

There are a lot of things that can keep you from playing sports even if it's something you really want to do. Maybe you're embarrassed about how you run. All the girls in the ad have been through an array of things, but they're not letting that keep them from an active lifestyle.

What kind of feedback have you gotten?

People really love it. I've gotten some people who say it motivated them. That's great that it actually does what it's supposed to do. One guy here on campus told me he showed it to his daughter, who lacked confidence, and it helped her.

It sounds like the ad's message is really resonating, inspiring girls to get active in sports. Is that a message you relate to?

Wheelchair basketball transformed me. Before, I wouldn't have had the nerves to even do this interview. I was so shy. It's a good message. It's a message about girls in sports. It's not necessarily about adaptive sports. It's about gaining confidence from competing.

Crash Course Community Health Nursing



NURS 4462

In this class, senior nursing students tackle a special assignment that can include an Air Evac helicopter, hazmat gear, and a badly burned woman with a brain hemorrhage. It's up to the 100 or so students enrolled in Community Health Nursing to decide how to treat patients—simulation manikins or human actors—in a mass disaster drill. "During a true disaster, there's no perfect answer," says Susan Cherry, lead faculty for community health nursing in the College of Nursing and Health Innovation. "You go with your gut, using the assessment and triage skills learned. You categorize the patients, treat 'em, and ship 'em out." Working in teams, students determine who needs immediate attention and who can wait. They also learn to operate in tandem with other first responders, including police, fire, ambulance, and helicopter operators. "The helicopter really gets their attention," says Cherry, who teaches the class and oversees the drill. "It's a great opportunity to see how the community comes together to respond."

Top researcher named College of Science dean



Morteza Khaleli believes the College of Science will be a key collaborator in helping UTA achieve the goals of its *Bold Solutions, Global Impact* strategic plan.

Dr. Khaleli, who began in August as the college's new dean, most recently served as chair of the nationally ranked Chemistry Department at North Carolina State University. He is a renowned expert in mechanistic studies and bioanalytical applications of high-performance capillary electrophoresis and high-performance liquid chromatography. The National Institutes of Health, National Science Foundation, and corporate entities have funded his research.

"I am honored to join UTA at a time when the University is clearly on the move," he says. "The College of Science will play a critical role in realizing the vision of the 2020 Strategic Plan and affirming UT Arlington as the model for an urban, public research institution."

Khaleli chaired the Chemistry Department at North Carolina State since 2014 and previously served in the same position from 2005 to 2011. Under his leadership, the department added multiple endowed chairs valued at \$1 million each; increased funded research from federal and state agencies, foundations, and corporations; and developed innovative sources of revenue. The department initiated programs aimed at student access and success.

UTA's College of Science includes more than 100 faculty members in biology, chemistry and biochemistry, earth and environmental sciences, mathematics, physics, and psychology.



CENTER OF EXCELLENCE The College of Nursing and Health Innovation has been designated a Center of Excellence by the National League for Nursing, the nation's foremost organization for nursing faculty and leaders in nursing education. With 19,000 students in campus-based and online degree programs, the college is one of only 12 nursing schools in the country to earn the designation this year. Advancements include expanded research in kinesiology, healthy aging, rehabilitation, and physiology, as well as collaborations with engineering, science, and social work.



Expansion plans

New building to accelerate health science exploration

UTA researchers will soon have a new place to pursue life-enhancing discoveries.

The University is advancing plans for a six-story Science, Engineering Innovation and Research (SEIR) Building to help meet increasing student demand and further the institution's emerging concentration in health science initiatives.

"Demand for degrees in engineering, science, nursing, and allied health careers continues to grow," President Vistas Karbhari says. "Given our substantial academic and research strengths in these areas, UT Arlington is well positioned to become a national leader in health science with the addition of this collaborative research and teaching facility and state-of-the-art laboratory space."

To be located south of Pickard Hall and the Life Science Building, the 200,000-square-foot facility will feature a structural steel and glass atrium, multi-use collaborative spaces, large classrooms and lecture halls, and innovative research and teaching labs.

State lawmakers approved \$70 million in tuition revenue bonds to support the SEIR Building earlier this year. Additionally, the UT System Board of Regents approved \$20 million from the Permanent University Fund and included the project in the UT System Capital Improvements Program. UTA plans to raise additional funding through grants and donations.

"UT Arlington really is seizing the opportunity to be a catalyst for growth and improvement in Arlington and across the North Texas region," Arlington Mayor Jeff Williams says. "The Science, Engineering Innovation and Research Building will enable UTA to scale up academic and research activity to meet our regional and statewide workforce and business needs."

Construction is expected to begin in 2016 with substantial completion by mid-2018. The architecture and engineering team comprises Page and ZGF Architects, the firms that designed UTA's Engineering Research Building.

Awards

DAVID NYGREN

Presidential Distinguished Professor of Physics David Nygren has been named a recipient of the 2015 Aldo Menzione Prize for his invention of the Time Projection Chamber. The TPC has been used worldwide for more than three decades in a variety of applications in particle detection and discovery.

MELVIN IBANA

The American Kinesiology Association named graduate student Melvin Ibana an AKA Master's Scholar Award 2015 recipient. The award recognizes academic and leadership accomplishments of graduate students in member departments.



DOUG GARNER

The Texas Governor's Committee on People with Disabilities named Doug Garner to its ADA25 Texas Trailblazers: Past, Present, Future list. Garner is head coach of UTA's Movin' Mavs wheelchair basketball team.

PRANESH ASWATH

Materials science and engineering Professor Pranesh Aswath has been named a fellow of the Society of Tribologists and Lubrication Engineers. Dr. Aswath is associate dean for graduate studies in the College of Engineering.

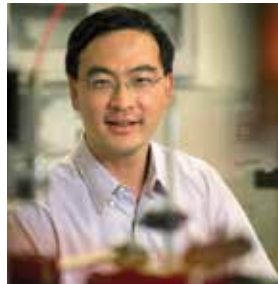
UNIVERSITY COMMUNICATIONS

The Office of University Communications won five gold awards for medical/science news and feature writing, Web design, social media, and graphic design at the 2015 Council for the Advancement and Support of Education District IV awards in Austin.

Grants

RAMON LOPEZ

Physics Professor Ramon Lopez has received more than \$500,000 from NASA to study the role of solar wind fluctuations in solar wind-geospace coupling. The grant is sponsored by NASA's Heliophysics Supporting Research Program, which selected 30 of 221 proposals submitted.



WEIDONG ZHOU

Electrical engineering Professor Weidong Zhou has been awarded \$600,000 to make ultraviolet laser detection more available in the field. The funding is part of a three-year, \$4.3 million Defense Advanced Research Projects Agency grant. Dr. Zhou will develop low-cost, compact ultraviolet lasers to detect very small amounts of chemical and biological agents.

MATTHEW FUJITA

Biology Assistant Professor Matthew Fujita is principal investigator for a \$670,797 National Science Foundation grant to study and identify the processes that have generated high species diversity in West and Central Africa. He also hopes to discover new reptiles and amphibians in one of the most biologically diverse regions on Earth.

XINBAO YU

Civil engineering Professor Xinbao Yu is lead investigator on a 17-month, \$193,000 grant from the Texas Department of Transportation to determine the feasibility of using geothermal energy to melt ice and snow from Texas roads. Civil engineering Professor Anand Puppala will work with Dr. Yu.



Added Degrees

Ph.D. programs planned in kinesiology and international business

A new doctoral degree program in kinesiology in the College of Nursing and Health Innovation is designed to elevate research in physiology, movement science, healthy living, and other health science disciplines. The first students are expected to enroll in 2016.

The program builds upon the Department of Kinesiology and the Center for Healthy Living and Longevity's existing research, education, and community outreach initiatives in health and disease. It will focus on the prevention, assessment, and treatment of motor difficulties; chronic diseases; and musculoskeletal injuries across the human lifespan.

"UT Arlington graduates will be educated and well-positioned to thrive in research positions and faculty jobs," says Anne Bavier, dean of the College of Nursing and Health Innovation. "They will receive unique multidisciplinary and research experiences that directly target these health needs."

The College of Business is launching North Texas' first Executive Delivery Ph.D. with a planned start date of January 2016.

The curriculum and dissertation research will focus on international business, and classes are expected to be offered at DFW International Airport for convenient access to those not in the North Texas area.

"In business schools, there is a shortage of Ph.D.-qualified faculty who have extensive, relevant business experience," says David Mack, associate dean of the College of Business. "Individuals who complete this program will be able to combine their theoretically based understanding with real-world experience in the classroom."

New dean helms College of Liberal Arts



Paul Wong, an accomplished scholar with a proven track record of enhancing funded research and donor support, is the new dean of the College of Liberal Arts.

Previously dean of the College of Arts and Letters at San Diego State University, he was also director of International Partnerships at SDSU, a professor of sociology, and oversaw the Social Science Research Laboratory and the Charles Hostler Institute for World Affairs.

Under Dr. Wong's leadership, SDSU's College of Arts and Letters raised almost \$50 million for endowed professorships, scholarships, lec-

tureships, and the naming of physical facilities. The college also had active international programs in more than 20 countries through exchanges, research projects, and degree offerings.

Wong, who began as dean in July, received his bachelor's, master's, and doctoral degrees from the University of California, Berkeley. He has held academic appointments at UC Berkeley, UC San Diego, University of Illinois Urbana-Champaign, Arizona State University, and Washington State University and was a fellow at the Center for Advanced Studies in the Behavioral Sciences at Stanford University.

"The College of Liberal Arts and the University are getting a superb administrator," President Vistas Karbhari says. "Dr. Paul Wong will take our liberal arts education to the next level of excellence in national and international engagement for undergraduates, graduates, and post-graduates."



ONLINE EXCELLENCE UTA is among the nation's top universities for earning a master's degree in education or nursing online, according to U.S. News & World Report's Best Online Graduate Programs rankings for 2015. The College of Education's online program ranked No. 30 among 252 schools surveyed, and the College of Nursing and Health Innovation's online program ranked No. 31 among 133 schools surveyed. UTA's total enrollment, including online students outside Texas, surpassed 48,000 in the 2014-15 academic year.

Physics Faculty



ZDZISLAW MUSIELAK

Growing up in Poland, Zdzislaw Musielak loved to look at the stars. Eventually his interest turned into a career as an internationally renown physics researcher known for his exploration of extra-solar planetary systems, the origin of dark matter and dark energy, and black holes. This year he was awarded the international Humboldt Research Award for the third time. The award allows recipients to work on a research project of their choosing in Germany, together with a host and collaborative partner. Musielak will select a deserving UTA graduate student to assist him as he travels to Germany over the summer. "This is a wonderful opportunity as it allows a student to work directly with some of the world's top scientists at German institutions," Musielak says. His research in Germany will be concentrated on three different topics: tornado-like structures on the Sun; habitable exoplanets, and exomoons; and new theories for dark matter and dark energy. On June 12, Musielak was honored by his hometown of Kalisz, Poland, with its highest honor, the Honorary Citizen award.

Future Driverless Cars, 2025



Soldiers with brain injuries may soon have a new tool that helps them receive important medical treatment. Computer science and engineering Associate Professor Manfred Huber is designing a reservation/reminder software system as part of a project to transport veterans on military bases to doctors' appointments using driverless cars. "We're designing the system to be accessible through an android cellphone app or kiosk at a stop along the route," says Dr. Huber, the principal investigator. "This system will help veterans who might be suffering

from traumatic brain injury or post-traumatic stress disorder. It will hopefully get the veterans where they need to be when they need to be there." Work will be done in Huber's lab in the Engineering Research Building. When complete, the Applied Robotics for Installation and Base Operations (ARIBO) project prototype will be installed at Fort Bragg, N.C. The UTA software system is one of several prototype efforts under the ARIBO umbrella. "Driverless systems are here," Huber explains. "It's just that integrating them into the common, every-

day street system will be difficult." Other UTA researchers participating in the software project include computer science and engineering Professor Gergely Zaruba and electrical engineering Associate Professor Dan Popa. The reservation system is based on an earlier project Computer Science and Engineering did with the School of Social Work. That project used a National Institutes of Health grant that helped Tarrant County mental health patients keep up with their appointments through an interactive website.

ILLUSTRATION BY STEPHEN DURKE

World-renowned researchers join faculty

Kenneth Reifsnider, an internationally recognized expert in high temperature energy systems and composite materials, has joined the UTA faculty to lead a new Institute for Predictive Performance of Advanced Materials and Structures.

A member of the prestigious National Academy of Engineering, Dr. Reifsnider is one of the world's pre-eminent fuel cell materials researchers. He becomes the third member of a national academy to join the University in recent years.

Nai Yuen Chen, a Distinguished Research Professor in the Department of Materials Science and Engineering, is also a member of the National Academy of Engineering. David Nygren, an acclaimed physicist and member of the National Academy of Sciences, joined the University last fall as Presidential Distinguished Professor.

"UT Arlington is rapidly

accelerating its research program and attracting world-renowned experts to lead the way," President Vistas Karbhari says. "Dr. Reifsnider will elevate our work in the fundamental areas of strength-life relationships in composite materials and structures."

Marco Brotto, Paul Fadel, and Mark Haykowsky have joined the College of Nursing and Health Innovation's faculty. An expert in muscle and bone physiology, Dr. Brotto is the George W. and Hazel M. Jay Professor.

Dr. Fadel, an authority in neural cardiovascular control in health and disease, is a professor of kinesiology and director of clinical translational science.

An accomplished researcher in exercise physiology and rehabilitation medicine, Dr. Haykowsky was named the Moritz Chair of Geriatric Nursing Research.



BREATHING ROOM NASA's Game Changing Development Program awarded more than \$500,000 to a UT Arlington team to develop improved methods for oxygen recovery and reuse aboard human spacecraft. UTA and three other teams are charged with increasing oxygen recovery to 75 percent or more. Principal investigators are Brian Dennis, associate professor of mechanical and aerospace engineering; Krishnan Rajeshwar, Distinguished Professor of chemistry and biochemistry; and Norma Tacconi, research associate professor of chemistry and biochemistry.



Lingering Effects

Study shows need for post-cancer care

Years after going into remission, many adult cancer survivors still encounter challenges from the disease and its treatment.

A study by researchers at UT Arlington and the University of Central Florida has found that survivors continue to experience anxiety about recurrence and loss of personal control related to physical problems such as sexual dysfunction and the inability to control bodily functions two, five, even 10 years after they're treated.

"So often, the expectation is that a cancer survivor should be grateful for having survived the diagnosis of cancer," says social work Assistant Professor Gail Adorno, a co-principal investigator. "And while this may be true, those survivors with debilitating, lingering effects of cancer and its treatment are not always acknowledged within health care systems as needing continued care based on their cancer survivor status."

The study was published in the February issue of *Cancer*, a journal of the American Cancer Society.

To gauge the unmet needs of cancer survivors, researchers assessed responses from an American Cancer Society survey of 1,514 participants age 18 or older. The randomly selected group included survivors of breast, prostate, colorectal, skin melanoma, bladder, or uterine cancer. They were asked to describe any needs not being met to their satisfaction.

A six-person interdisciplinary team spent more than 200 hours analyzing the answers. The average number of unmet needs per survivor was 2.88, with breast cancer survivors identifying more than others. Survivors most frequently expressed physical problems, with 38 percent saying this was an issue.

Press

MARCUS BUTTS

A *Time* magazine article about the stress created by receiving emails outside of work quoted management Associate Professor Marcus Butts. He is the lead author of a study that found people who get electronic work communications after hours get mad. "Being angry takes a lot of focus and resources and it keeps us from being engaged with other things," he says.

ASISH BASU

Earth and Environmental Sciences Department Chair Asish Basu was interviewed by CBS *Evening News with Scott Pelley* about an Environmental Protection Agency incident that sent a million gallons of toxic sludge from an abandoned mine into Colorado's Animas River. "All these metals, in excessive amounts, are dangerous to human life," he says.



DARLA HAMANN

NextAvenue.org reported on a study co-authored by Darla Hamann, an assistant professor in the College of Architecture, Planning and Public Affairs, on the uphill battle applicants over age 50 face in the job market. The study found the odds of being re-employed decrease by 2.6 percent for every year increase in age.

MEGHNA TARE

Corporate Responsibility Magazine published an article co-authored by Meghna Tare, executive director of UTA's Institute for Sustainability and Global Impact, about the often overlooked "free" services that biodiversity and ecosystems provide to society.

Outreach



SMART CARE APARTMENT

Researchers have unveiled a model “smart care” apartment infused with intelligent care technology designed to reduce risks encountered by older adults and those with disabilities who want to live independently in their own homes. The federal Health Resources and Services Administration provided more than \$600,000 in funding for the five-year project. The effort is a collaboration among premier faculty from the College of Nursing and Health Innovation and the College of Engineering.

A CAPPELLA CHOIR

UTA's A Cappella Choir rocked out with the Rolling Stones during the legendary band's “Zip Code” concert in June at AT&T Stadium in Arlington. The choir performed the classic “You Can't Always Get What You Want” with rock legend Mick Jagger and the band during their June 6 show.

MOBILE FABLAB

A partnership between the UTA Libraries and Cook Children's Medical Center in Fort Worth is providing high-tech health care learning opportunities for pediatric patients. A mobile version of the Libraries' FabLab helps children and their families explore health conditions and treatments using 3-D printers, 3-D scanners, and microelectronics. Children create an electronic heartbeat sensor to monitor their heart rate, translate the brain's electrical impulses to the movement of a mouse pointer and print 3-D models of DNA strands or organs to help illustrate their condition.



Bright Ideas

Innovation Day@UTA inspires students to develop creative solutions

Imagine creating a scale-sized Formula race car for less than \$50 that could not just travel across a room, but climb over obstacles.

Oh, and it can't run on any type of fuel or batteries.

That challenge was presented to teams of high school and college students who competed in the second annual Innovation Day@UTA held October 22 in College Park Center.

The winning high school team, led by 14-year-old Samantha Maldonado, was from Arlington Martin High School's STEM Academy, an initiative developed jointly by UTA with Arlington Independent School District to help students meet STEM college requirements before graduation.

First-year UTA students Chandon Lim and Chun Lau won the college-level team competition.

Winners took home iPad minis.

The event also featured a technology showcase, faculty and student poster presentations, and sessions with guest panelists discussing innovation, entrepreneurship and how to attract angel investors.

UTA alumni also participated including Fadi Bishara, a 1992 industrial engineering graduate and founder and CEO of the global start-up accelerator Blackbox. He provided the keynote address of the event, detailing how the University played a crucial role in his career as an innovator and entrepreneur.

“What I'm doing now is going out and teaching to the rest of the world how things are done in Silicon Valley,” Bishara says. “But everything I've done, it all started here. I learned English here and learned how to learn here.”

Partnership connects students to physicians

A new partnership between the University and Texas Health Resources offers undergraduates pursuing medical careers a unique opportunity to experience a physician's work firsthand.

Begun in spring 2015 as a pilot project, the Pre-Medical Student Preceptorship Program launched this fall and pairs high-achieving students with physician-mentors in a hospital setting. The students participate in a six-week, for-credit course, shadowing physicians at Texas Health Arlington Memorial Hospital in the operating room and in patient settings.

Participants analyze medical literature and present case studies to their physician-mentors for critique. They also meet with UT Arlington faculty members to evaluate, discuss, and enhance their clinical experience.

“Not many pre-med students get this kind of exposure

before medical school,” says Joseph Balaban, a biochemistry major who was part of the pilot program. “One day we'd be working in the office, another day we'd go to the OR. That excitement of being able to do something new every day definitely had me hooked and strengthened my resolve to go to medical school.”

Joseph Borrelli Jr., an orthopedic surgeon at Texas Health Arlington Memorial, worked closely with UTA leaders to establish the program.

“It's critical for students to know early on how important it is that they learn the sacrifices, the commitment that we make,” Dr. Borrelli says. “They also see what a positive interaction health care is. We spend a great deal of time helping our patients, treating our patients, and bonding with our patients.”

Texas Health Resources is one of the largest faith-based, nonprofit health systems in the United States.



CHILD'S PLAY Four social work graduate students are making a Mansfield playground more accessible to special needs children. Liz Farias, Amanda Kruse, Laura Zavala, and Chidi Onyekanne started the effort as part of a class project and now are helping install sensory, tactile tables and wheelchair-accessible equipment at Katherine Rose Memorial Park. “We noticed that many parks claim to be inclusive,” Farias says. “However, they only meet the minimum requirements of the ADA, which includes the premises being wheelchair accessible. We wanted to advocate for modified equipment to truly make a playground all-inclusive.”

Community Link Food Bank Community

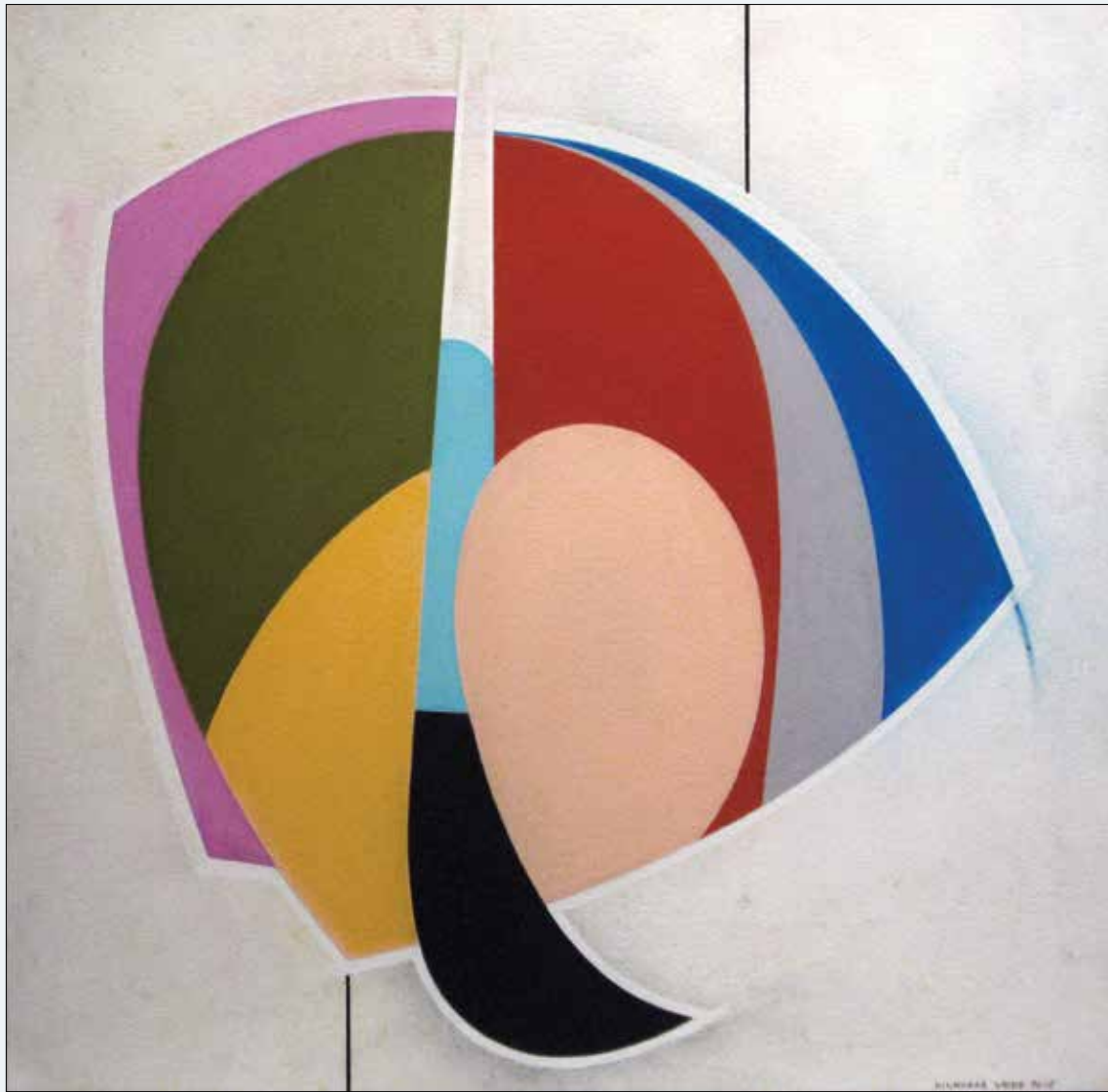


JANET AND MIKE GREENE Feeding the hungry is in Mike Greene's DNA. The UT Arlington Distinguished Alumnus grew up in a house attached to a grocery store and gas station his parents owned. “They helped feed families when the families couldn't feed themselves,” he says. Now Mike '69 and his wife, Janet, are doing the same through their involvement with the Community Link food bank in Saginaw. Established in 2005, Community Link had operated from a small house just a stone's throw from Mike's childhood home. The retired TXU executive owned several vacant lots in the neighborhood and donated the land for a new building, which opened in March 2014. He sought help from fellow UTA alumnus Ralph Hawkins '73, chairman of the architectural firm HKS, which provided pro bono design. Last year Community Link distributed more than 525,000 pounds of food to nearly 20,000 people in Northwest Tarrant County. Mike hopes UTA will use the nonprofit as a learning laboratory. Already the Computer Science and Engineering Department is working to streamline Community Link's efficiency so it can serve more clients. “This place is very near and dear to our hearts,” Janet says. “It's nice to be at a point in our lives where we can give back.”

Gallery Multidimensional

NICHOLAS WOOD

Nicholas Wood has honed his artistic skills over nearly four decades. "I've always been intrigued by the dimensional, spatially interactive, and material nature of sculptural form, yet also drawn to the frontal, illusionistic pictorial quality that drawings and paintings can offer," the UTA art and art history professor says. He prefers to show his two- and three-dimensional works together and has exhibited in gallery and museum shows from coast to coast as well as internationally in France and Germany. His charcoal and pastel drawings began as visualizations of sculptures but over time have evolved into their own thoughtful and visually complex body of work. When he combines them with three-dimensional pieces, viewers can see how the two media diverge and coalesce, informing and re-informing one another. His abstract drawings and wall sculptures often refer to recognizable objects, allowing viewers to connect on a variety of personal and aesthetic levels.



Clockwise from top: Capsules D66 (snug 8 arcs), Bubble #6, Bubble # 8 (lift).



Experienced leader heads communications



Lynne T. Waters began in February as vice president for University Communications. She most recently served as associate vice president for external affairs and university relations for the University of Hawaii System.

A native Texan and a graduate of Baylor University, Waters is a former television news anchor and reporter who owned a comprehensive communications consulting firm before joining the UH System in 2011.

During her tenure in higher education, she has directed strategic communications planning, community relations,

creative services and marketing, and brand management for the UH System, including its 10 campuses and 59,000 students.

At UTA, she works closely with President Vistasp Karbhari and the senior leadership team to direct the University's global marketing and communications efforts, institutional marketing and brand positioning, internal communications, media relations, and community relations initiatives.

"UT Arlington is positioned to become an even greater catalyst for positive economic change and a hub for intellectual pursuits as the Dallas-Fort Worth region continues its trajectory toward becoming one of our nation's great megacities," President Karbhari says. "Lynne Waters shares that vision and brings tremendous depth of experience in strategic communications, community engagement, and brand management."



GETTING STARTED Innovators are enjoying a new space aimed at bolstering the development and entrepreneurial efforts of North Texas institutions. In April UTA launched the StartUp Lounge, a meeting place where ideas begin the journey toward becoming inventions, products, or processes. The initiative is a collaboration of UTA's Shimadzu Institute for Research Technologies, College of Business, College of Engineering, and College of Science, as well as Shimadzu Scientific Instruments and TechFW through TechFW@UTA. The lounge is in the Campus Center on West Nedderman Drive.



Past times

New book traces University's history through vintage photographs

It wasn't easy to cull through thousands of archived photos to tell UT Arlington's story, but Evelyn Barker and Lea Worcester were up to the challenge.

Barker, director of marketing and communications at the UTA Libraries, and Worcester, a librarian in Special Collections, spent more than a year selecting vintage photos for *University of Texas at Arlington*, a 128-page paperback that's part of Arcadia Publishing's Campus History Series.

"Our intention is to make students, faculty, staff, and others more aware of our University's rich history, but on a more personal level," says Worcester, who along with Barker, also co-authored a 2011 book about the city of Arlington.

The new book chronicles the history of the University through three centuries and under eight names as it evolved into the research institution that now educates more than 51,000 students globally.

Most of the images in the book are from UT Arlington Special Collections. Others come from various campus departments, University Communications, and Tarleton State University, with whom UTA shared a spirited sports rivalry in the 1930s.

To order, go to arcadiapublishing.com.

Numbers

37,008

Number of Texas-based students enrolled in the fall 2015 semester, an all-time high.

5th

UTA ranked fifth in the nation for undergraduate diversity, according to *U.S. News & World Report*, the highest profile Hispanic-serving institution in North Texas.

55,000

Projected combined enrollment in campus-based and online programs by the end of the academic year.

13

The number of UTA faculty in the National Academies of Engineering, Inventors, and Science – the highest level of academic recognition in the United States.

10,564

Number of undergraduate and graduate degrees awarded in the 2014-15 academic year.

20

Number of student leaders in the charter class of Terry Foundation Scholars. The Terry Scholarship covers the full cost of tuition, fees, books, on-campus living expenses, and stipend for study abroad.

Champs

ACADEMIC HONORS

The Sun Belt Conference honored 86 UTA student-athletes for their academic prowess during the 2014-15 school year. Thirty-eight Mavericks were named to the Sun Belt Commissioner's List for posting a GPA of 3.50 or higher, while 48 made the Academic Honor Roll for having GPAs between 3.00 and 3.49. UTA athletes compiled a 3.055 cumulative GPA last year.



CHINEME OBIKUDU

Sophomore Chineme Obikudu won the women's triple jump at the 2015 USA Junior Track and Field Championships in Eugene, Ore., to earn a spot on the U.S. Junior National Team. She smashed her personal record by more than a foot on her way to winning the competition by nine inches with a leap 42 feet, 7 inches.

DARIEN MCLEMORE

Junior infielder Darien McLemore was named to the Sun Belt Conference Leadership Team. The honor goes to a letter-winning student-athlete based on leadership, sportsmanship, community service, citizenship, academic excellence, and other qualities valued by the institution.

WOMEN'S TENNIS

The doubles team of Elizabeth Thoms and Angeles de los Rios represented UTA as automatic qualifiers in the 2015 NCAA Division I Women's Tennis Championships. They fell to top-ranked Alabama in the first round after posting a 7-1 record during the season.

Golf adds new coach, women's program

Stuart Deane has high expectations for the UTA golf program. Named head coach last spring, he had served as the assistant men's coach since February.

"I'm looking forward to making it a top 50, top 25 program," says Deane, who also will coach the women's team, which begins play in 2017-18. "I'm excited about adding women's golf and building something that is extremely positive in that area."

Deane previously was a volunteer assistant for the Mavericks, working with several current and former student-athletes. He is a PGA teaching professional at Rolling Hills Country Club in Arlington, one of the facilities the UTA golf program uses.

He is ranked seventh among PGA members in the United States, has been a member of the Web.com tour, has played in 10 PGA tour

events, and won the Trump Million Dollar Invitational. He arrived in the United States in 1996 after a successful professional career in Australia and Asia.

Women's golf is the first sport expansion for UTA athletics since women's tennis in 1983. It will bring to 15 the number of NCAA Division I sports on campus.

Jim Baker, director of Intercollegiate Athletics, says the program allows for increased participation for women while strengthening the University's footprint in the Sun Belt Conference.

"Enhancing opportunities for female student-athletes is part of our mission," Baker says. "The addition of women's golf furthers our commitment to building and fielding championship-caliber Division I programs in each of our sports."



PROFESSIONAL PIPELINE The final day of the 2015 Major League Baseball Draft saw a pair of UTA seniors selected. The Toronto Blue Jays took first baseman Levi Scott, above, in the 28th round, and the Seattle Mariners chose right-handed pitcher Colin Tornberg in the 32nd round. The Mavericks have had at least one player selected in 17 of the last 18 drafts, including the last seven in a row. The 2015 MLB Draft marked the 15th time in UTA baseball history that multiple players have been chosen.



Sweet Repeat

Men's track wins second straight SBC title

The men's outdoor track and field team continued its Sun Belt Conference dominance last spring, winning its second title in only two years in the league.

Senior sprinter Clayton Vaughn led the way, blazing to victory in the 100 meters. His time of 9.93 shattered his own school record of 10.07 and ranked as the third-fastest time in the NCAA for 2015. Vaughn placed third in the 200 and was part of the winning 4x400 relay team with Cameron Newson, Quentin Butler, and Tarik Crear.

Other first-place finishers were Craig Lautenslager in the 10,000- and 5,000-meter runs, Emil Blomberg in the steeplechase, and Roland Sales in the high jump. The Mavericks outdistanced second-place Arkansas State 166-148.

"We came through with clutch performances in every event area," said head coach John Sauerhage, who guided the men to a No. 25 national ranking. "That's the fun thing about having a complete team. It wasn't one area. It was everyone."

For the second consecutive season, Sauerhage was named SBC Coach of the Year. He has now been named outdoor men's Coach of the Year four times, twice in the SBC and twice in the Southland Conference. Including men's and women's cross country, indoor track, and outdoor track, he has received Coach of the Year honors 26 times.

Vaughn, Butler, Blomberg, and Sales all qualified for the 2015 NCAA Outdoor Track and Field Championships in June. Vaughn placed eighth in the 100 meters, earning All-America recognition for the sixth time. He is just the fourth Maverick athlete to achieve the feat.

"What a career Clayton had," Sauerhage said. "He's one of the all-time greats and a true pleasure to coach. He has made all of UT Arlington proud, both on and off the track."

Women's Basketball Sports



REBEKAH VAN DIJK Putting the previous year's four-win season behind them was paramount for the 2014-15 women's basketball Mavericks. With the help of freshman Rebekah Van Dijk, the team did just that. The 6-5 center was named Sun Belt Conference Freshman of the Year and earned All-Sun Belt second-team honors. She led all NCAA Division I freshmen with 16 double-doubles and was selected to the 2015 Full Court NCAA Division I Women's Mid-Major Freshman All-America team. "I'm a big believer in post play, and that's what our offense centers around," coach Krista Gerlich says. "Rebekah was a perfect fit for that." Van Dijk, who averaged 13 points and 10 rebounds, was one of 11 newcomers who helped UTA win 17 games and finish tied for fourth in the conference. The Nazareth, Texas, native attributes the team's success to buying into Gerlich and her staff's coaching philosophy. "I came here and thought I just had to play my best and do what I could for the team. I was excited to win awards, but it all happens with the team. I couldn't have done it without them."



ON THE CROWDED streets of Temple Lane in Dublin, Ireland, not far from the River Liffey, Alexzandria Siprian, her friends, and about 70 strangers were having a dance party. The night was clear, the air was sweet, and buskers played on for the rapt and joyful crowd. It was life-changing for the then-UTA junior, who never would

have experienced the moment if not for a decision she made several years prior: No matter what, she would study abroad while earning her undergraduate degree.

While Siprian's destination was Seville, Spain, she saw more of Europe than she ever thought possible.

"Part of studying abroad anywhere in Europe is that you are very close to tons of countries with completely different cultures," she says. "And there are so many sights to see and beautiful people to encounter, with all different perspectives on life."

Location wasn't the only reason Siprian was able to enjoy spontaneous dancing in Dublin's streets. Earlier that evening, she and her friends decided they would

accept every opportunity (within reason) presented to them.

“I’ve experienced cultures from a handful of countries,” she says. “All of that newness just makes it easier for me now to approach things with an open and accepting mind.”

BROADENED PERSPECTIVES

Openness to new experiences and ways of thinking, along with dexterous communication skills, are key to the idea of cultural competence, a quality employers seek in college graduates. In a recent MetLife survey of Fortune 1000 companies, 65 percent termed global awareness “very important” or “essential” for career readiness.

In a nutshell, cultural competence enables individuals to interact effectively with people of different cultures and backgrounds. While UT Arlington and other universities offer a diverse landscape, nothing compares to the training received when students immerse themselves in a foreign culture.

“We can almost guarantee that at some point, students will interact with someone who comes from a different cultural background. Having an international experience and developing a truly global perspective will benefit them not only in terms of earning their degrees, but after graduation as well,” says Kelli Anderson, director of UTA’s study abroad program. “By living and studying abroad, whether for a few weeks or several months, students gain or improve tangible skills that can make them more marketable to potential employers or graduate programs.”

For Devin Nguyen, a UTA student who traveled to Cuernavaca, Mexico, and studied Spanish for a month, the broadened perspective was much more personal. Four days into his trip, he took the first step toward achieving a goal he had since high school: applying to work for the Peace Corps. (He subsequently was

accepted and began two years of service in Ethiopia last summer.)

“Living abroad made me addicted to living an adventurous life,” he says. “I got a taste of independence and a stark realization that traveling was something I could see myself doing long term.”

Studies show that studying abroad can have a lasting impact on one’s personal, professional, and academic life. In an Institute for the International Education of Students survey, 87 percent of respondents said study abroad influenced their later educational experiences. Sixty-four percent said it impacted their decision to attend graduate school, and nearly half engaged in international work or volunteerism after studying abroad. Nearly 75 percent said they acquired skills that influenced their career paths.

“The benefits to opening yourself to new cultures are undeniable,” Anderson says. “Whenever I or others in the office talk with students about studying abroad, what we most want them to know is that it is possible. Not only should Mavericks study abroad, Mavericks absolutely can and do.”

GLOBAL GOALS

UT Arlington sends about 250 students abroad each academic year, and the University’s Office of International Education is working to increase that number. UTA is a partner with Generation Study Abroad, an Institute of International Education initiative that seeks to double the number of U.S. students who study abroad by the end of the decade. In the past year, UTA has seen a 30 percent increase in study abroad participants in exchange and affiliated programs and a 32 percent rise in advising visits.

Students can choose from more than 500 program options in 62 countries. In the 2014-15 academic year, Spain, Mexico, Italy, France, and China were the most popular UTA destinations. Many programs involve experiential components such as internships and service learning. The University offers internship/service programs in 18 countries, and students can make individual arrangements in several others.

Recently, a group of civil engineering students traveled to Valencia, Spain, with Professor Nur Yazdani to work with Spanish mentors on improving disaster response and recovery. The cohort researched nondestructive testing and wireless monitoring for seismic risk reduction, worker fall protection from temporary construction, and fire resistance of building elements.

“The hope is that students will maintain collaboration with Spanish mentors and research there so they get a global perspective of engineering and an idea of how mitigation is done in other parts of the world,” Dr. Yazdani says. “That makes them more marketable to the industry once they graduate.”

The University offers about 10 of these faculty-led programs each year. Other options include reciprocal exchange, where UTA and partner universities swap students for a semester, and affiliated programs, where students enroll in universities abroad and take courses there.

“We want studying abroad to be an integrated part of the UTA student experience, where students take the lessons they’ve learned here and put them into practice

in an international context,” Anderson says. “When they return, they return with new ideas to incorporate back on campus and in their future.”

INCREASING INTERNATIONAL REACH

In 2012-13 about 280,000 U.S. students participated in study abroad programs. While the number seems impressive, it’s only 9 percent of the country’s total college student population. For the United States to stay a global leader, experts agree it’s essential to increase access to cultural learning experiences.

“Study abroad is one of the best ways to provide students with the foreign language and cross-cultural skills necessary to compete and thrive in today’s global economy,” Marlene M. Johnson, executive director and CEO of the National Association of International Educators, writes on the organization’s website. “International experiences not only prepare students to succeed in careers, but also to collectively strengthen our cultural diplomacy, national security, and the economy.”

While initiatives like Generation Study Abroad are boosting enrollment numbers, it’s equally important for universities to remove barriers to study abroad experiences. The Institute of International Education targets the “three Cs” that make it harder for students to study abroad: cost, curriculum, and culture.

UT Arlington is doing its part. Students participating in a reciprocal exchange, affiliate, or faculty-led program are eligible for the same financial aid they would receive if they were studying on campus. The study abroad office also submits budgets for all programs to the Office of Financial Aid on the student’s behalf and provides scholarship workshops every semester. Over the last year, the University charted a 50 percent increase in students receiving nationally competitive scholarships for study abroad, such as the Benjamin A. Gilman International Scholarship and the Fund for Education Abroad Scholarships.

Siprian, whose resources were limited, benefited from financial aid and a fundraiser to cover her living expenses overseas.

“I don’t come from a background of financial stability, which made it difficult to do much traveling,” she says. “In a personal way, it was an experience that kind of reassured me that I can do anything I set my mind to. I went from depending on my small-town community for things like food and shoes to traveling Europe, which is crazy!”

All UTA students participating in study abroad programs earn resident credit. They remain enrolled at the University, enabling them to continue their degree progress. They also can earn credit toward their major, minor, or elective hours.

Alex Quyen Vo, a math major and aspiring teacher, attended Yamagata University in Japan last year. She not only fulfilled course requirements but also learned to apply Japanese structure to her working knowledge of how a classroom should operate.

“My Japanese professors were very professional and formal in their style of teaching,” she says. “Their lesson plans were well-structured, and they were extremely patient in teaching me the basics of the language. I know what I learned from them will be with me through my teaching.”



Photos taken by UTA students show the many ways studying abroad promotes cultural experiences, from a visit to a temple in Hong Kong (top), to hiking through the rainforests of Costa Rica (right).

DESTINATION: SUCCESS

No matter the destination or duration of an international experience, outcomes for study abroad alumni are impressive. According to IES Abroad, 97 percent find employment within 12 months of graduation, compared to 49 percent of non-study abroad students. Study abroad alumni out-earn their peers by 25 percent and are accepted to their first or second choice of graduate schools at a 90 percent rate.

Siprian, who graduated from UT Arlington in 2014, took a job in Cehegin, Spain, as a North American language and culture assistant in elementary schools soon after receiving her degree. She can attest to both the personal and professional benefits of study abroad.

“It opens a part of you and sparks this new way of thinking. When you return to the states, you’ll just continue to grow in that way,” she says. “It also looks great on a résumé!”

She’s what Allan Goodman, president and CEO of the Institute of International Education, calls the fourth “C” of study abroad: a champion. Champions support study abroad programs across the nation, whether they’re faculty members who facilitate applications and financial aid or alumni who teach others through their own experiences.

“I personally believe study abroad is something every single person should do in order to be a truly well-rounded individual,” Siprian says. “It’s about expanding your horizons, learning things in a way that you can only learn by being there, and taking your perspective on life and creating things you never would have otherwise. It’s completely catalytic.” ☘

“By living and studying abroad, whether for a few weeks or several months, students gain or improve tangible skills that can make them more marketable to potential employers.”

—Kelli Anderson

Sightseeing creates indelible memories for students seeking to broaden their horizons and soak in other cultures.



Shaping the Cities of the Future

UTA tackles the complex challenges facing today's swelling urban communities BY NANCY B. STRINI • ILLUSTRATION BY NEIL WEBB

BY 2017 MORE THAN half the world's population will live in large urban regions. That may not sound like an urgent problem until you learn that these megacities of 10 million or more people occupy only about 4 percent of our land. This population migration has generated enormous 21st-century challenges: traffic miasmas, toxic air and water,

crumbling infrastructure, and environmental devastation, not to mention the human toll from living in overly tight quarters divorced from nature.

Creating more sustainable urban communities is a pillar of UTA's *Bold Solutions, Global Impact* strategic plan. Through a focus on the natural, built, economic, cultural, and social environments, University researchers and urbanists are shaping the future of emerging megacities like Dallas-Fort Worth-Arlington.

PREPARING TOMORROW'S URBAN PLANNERS

Established in May, the College of Architecture, Planning and Public Affairs (CAPPA) unites the School of Architecture and the School of Urban and Public Af-



“We are prototyping an urban farm and farmer’s market in downtown Arlington, converting and underutilized site into a productive landscape and vibrant public space for the community.”
—Dean Nan Ellin



fairs. The college brings six professions—architecture, landscape architecture, interior design, urban planning, public policy, and public administration—into one academic home, expanding opportunities to improve urban vitality.

Founding Dean Nan Ellin considers North Texas an ideal place to study urbanism. It’s the nation’s fourth-largest urban area—growing from 3 million people in 1985 to more than 7 million today—and is projected to top 12 million by 2050. In her most recent book, *Good Urbanism*, she describes how urban growth and development can “restore connections that have been severed over the past century between body and soul, between people and nature, and among people.”

One way CAPPA practices this approach is through its Urban Farming Project. “We are prototyping an urban farm and farmer’s market in downtown Arlington,” Dr. Ellin says, “converting an underutilized site into a productive landscape and vibrant public space for the community.”

Students will design and build a large shade structure, a greenhouse for aquaponics, a chicken coop, toolshed, and raised beds. Crafted from recycled plastics, these portable, lightweight, and durable structures are easily assembled and stored to aid in the relocation of urban farms and farmer’s markets.

“Ideally, this farm-in-a-box prototype can help urban farmers anywhere and contribute to alleviating world hunger, poverty, and conflict,” Ellin says. “The Urban Farming Project aims to demonstrate best practices in sustainable urban living right here in our own backyards and across the globe.”

Beyond the farm, CAPPA and the College of Engineering this fall began offering a bachelor’s degree in architectural engineering—the first in North Texas. Housed in the Civil Engineering Department, the degree prepares students for high-demand jobs in the architecture, engineering, and construction sectors.

Another academic offering—a construction management master’s degree—began in fall 2014 and also

addresses the North Texas region’s burgeoning construction industry.

“There are highway projects, new malls and schools, pipelines and trenchless technology, and industrial construction,” says civil engineering Professor Mo Najafi, who directs the program. “The degree basically cuts across all construction management sectors.”

SUSTAINABLE SOLUTIONS NEAR AND FAR

Two new centers—the Institute for Sustainability and Global Impact (ISGI) and the Solid Waste Institute for Sustainability—focus on spreading UTA’s expertise in sustainability to communities locally and worldwide.

Launched in February, ISGI brings together innovative researchers and local leaders to tackle urban challenges such as poor air quality, constrained water supplies, energy demand, and lack of transportation options. As executive director, Meghna Tare ensures that the institute’s mission of addressing these challenges builds upon the four cornerstones of education and outreach, strategic planning, research, and operations.

“The institute was created to support growth in North Texas in a very sustainable manner,” she says. “The goal is to collaborate with businesses, government, and nonprofits to offer solutions to these problems. We are the place for people outside UTA to come and collaborate on projects of sustainability, broadly speaking, but also specifics like water management, energy, or transportation.”

ISGI is collaborating with faculty on projects, with government organizations like the North Central Texas Council of Governments, and with other nonprofits. The institute also supports UTA’s academic offerings.

“It will naturally connect to the undergraduate minor in environmental and sustainability studies and the graduate program in earth and environmental sciences, preparing students for success in a complex and changing global environment by giving them hands-on experience through experiential learning and capstone projects,” Tare says.

Established in June, the Solid Waste Institute for Sustainability helps countries and cities around the globe improve their waste management and make landfills more efficient and sustainable. The center stems from Director Sahadat Hossain’s work in waste management and bioreactor landfill technology and his research with the city of Denton and in Ghana, Africa.

In Denton, Dr. Hossain and civil engineering Associate Professor Melanie Sattler developed and implemented a sensor system designed to boost methane production in landfills as an alternative energy source. The Denton landfill system generates enough methane gas to power 3,000 homes.

“Our mission on the worldwide front would be one of training and education,” says Hossain, a civil engineering professor. “You have some countries that don’t even know what a landfill is. They just dump their solid waste in open space or water streams. That spreads disease and creates serious public health concerns.”

The Solid Waste Institute for Sustainability is housed in the Civil Engineering Lab Building, and the city of Denton has agreed to give the center 10,000 square feet of space at its landfill for training and research. Training also will be conducted at the UTA Research

Institute (UTARI) in Fort Worth.

Hossain says many developed and developing countries are realizing the benefits of landfill management as an alternative energy source.

“We have to get people to understand that solid waste management is not a liability but an asset. It can mean supplementing electricity generation in more progressive countries and cities. It can mean providing electricity in less developed countries where there is no electricity now.”

MANAGING WATER, IMPROVING INFRASTRUCTURE

Transforming water-related challenges into opportunities is the mission of the Urban Water Institute and its 80 researchers. They are creating computer models that can track and predict flooding and water movement, shining light on our leaky infrastructure, and assessing how climate change may impact our water supply.

Recent research by institute faculty reveals that decrepit water systems in the United States annually leak, on average, enough water to supply the nation’s 10 largest cities for a year. Another team led by civil engineering Associate Professor D.J. Seo is expanding the potential and use of the Collaborative Adaptive Sensing of the Atmosphere (CASA) radar system in North Texas, which Dr. Seo helped create in 2012 to address an array of urban water challenges.

National Science Foundation funding will allow the researchers to integrate data from the CASA system, wireless sensors, and the public by crowdsourcing data via cellphone applications for high-resolution modeling of urban water systems. The result: more accurate warnings for flash floods and better forecasting that can improve water supply and quality as well as infrastructure management.

“Every moment matters when a flash flood occurs. You have very limited time to respond,” Seo says. “This prototype will provide timely, accurate information that will help emergency managers make the most informed decisions.”

UTA researchers are also pursuing solutions to a range of infrastructure issues. The new Center for Integration of Composites into Infrastructure (CICI) examines how best to use composite materials to extend the life cycle of civil infrastructure, resulting in less maintenance and lower costs to taxpayers. CICI is a National Science Foundation Industry/University Cooperative Research Center.

Anand Puppala, associate dean for research in UTA’s College of Engineering and the center’s director, says the center will highlight the sustainable benefits of using composites in infrastructure construction because traditional methods of repairing roads, bridges, and other structures aren’t working.

“Our hope is that research conducted by CICI will lead to better structures with less maintenance over the next three years,” says Dr. Puppala, a Distinguished Scholar Professor in the Civil Engineering Department. “Sustainability is highly important, and although building the structures may be more expensive, the hope is that the extra money will be recouped through lower maintenance costs.”

Armed with a Texas Department of Transportation



grant, Puppala also leads a team that is using giant geofoam blocks to bolster the earth beneath roads and bridges. The researchers installed the blocks near a bridge at U.S. Highway 67 and State Highway 174 in Johnson County, slowing settling dramatically.

“Several methods were used previously to try to stop the settling, but none worked,” he says. “We are encouraged by the results of using the geofoam so far.”

Taken together, the work of UTA urban planners, architects, engineers, and scientists is equally encouraging. By developing more sustainable communities, they are strengthening the economy, enhancing everyday life, and providing a foundation for lasting prosperity. ☺

UTA alumni
are leading
three vibrant
and diverse
Texas cities

BY KATHRYN HOPPER

PHOTOGRAPHY BY

GLEN E. ELLMAN

MAVERICK MAYORS

RON JENSEN, '73
Grand Prairie, Texas

THREE TEXAS CITIES, three majors, three Mavericks. Fort Worth Mayor Betsy Price '72, Grand Prairie Mayor Ron Jensen '73, and Frisco Mayor Maher Maso '08 each took different paths to The University of Texas at Arlington, but they all found success in the business world and now hold their city hall's highest office. They also share a similar passion to make their communities better for all residents, present and future.

Mayor Ron Jensen was elected to the Grand Prairie City Council in 2002 and elected mayor in 2013.

FORT WORTH MAYOR BETSY PRICE

For Betsy Price, the key to being a successful mayor comes down to two things: passion and people.

“It takes a true commitment to your city because it’s an all-consuming job if you let it be,” she says. “And you better darn sure be a people person. You’ve got to really like people to do this job.”

Price, a mother of three who has been married for more than 40 years to husband Tom, ran a successful title service and was active in school and civic groups before she entered politics. In 2000, she was elected Tarrant County tax assessor and after a decade on the job, she won the non-partisan election for mayor in 2011. Two years later, she was unopposed in her bid for a second term.

Since taking office, Price has embraced the city’s

“It goes back to a better educated and healthier workforce, which for us goes back to economic development.”

—Mayor Betsy Price

iconic Western heritage while working to promote job growth, strengthen education, fight crime, and improve mobility. She’s also focused on making Fort Worth a healthy, engaged, and fiscally responsible city. Price, an avid cyclist, launched “rolling town hall meetings” where she invites fellow citizens to bike alongside her and discuss issues ranging from potholes to trash pickup to the city’s budget and departments. At the end of the ride, she continues the conversations at a restaurant, food truck park, or community center. For those not interested in cycling, she also holds “walking town hall meetings,” “caffeinated town hall meetings,” and even “Twitter town hall meetings.”

Price also actively promotes FitWorth, an initiative to encourage healthy living, and launched the Tour de Fort Worth, a scaled-down Texas version of the Tour de France.

Growing up, she never thought she’d enter politics. She came to UTA with dreams of being a veterinarian and majored in biology. Volunteer and leadership opportunities played a big part in her personal development, including serving as president of Delta Delta Delta sorority. She also broadened her coursework with classes in business and English and fondly remembers Allan Saxe’s government class.

“He was a screaming liberal when I had him and I just loved him, but we would harass him about being far too liberal,” she says. “Now he’s very conservative, so we have these major conversations about the switch from one to the other.”

When she comes back to campus, she encourages students to connect with their professors and develop mentoring relationships. “Too many kids don’t see their professors. They don’t visit with them, so they miss that opportunity to pick someone else’s brain.”

As mayor, Price engages young people in developing

public policy. Her charge to involve citizens under 40 led to the formation of SteerFW, an organization that has grown to more than 300 residents who work to tackle some of the biggest problems while focusing on civic engagement.

She also has reached out to the city’s youngest residents, engaging school-aged children in her quest to improve overall wellness by eating healthier and opting for more active pursuits than sitting on the sofa for screen time. So far, 25,000 children have completed the challenge, with 3,400 going from being obese to a healthy weight.

Price says she’s not trying to dictate a healthy lifestyle, just working to make it easier to exercise healthy choices. She believes those decisions can have huge results that improve not just the quality of life, but also the economic health and sustainability of the entire community.

“It’s old-fashioned, but it goes back to engagement,” she says. “It goes back to a better educated and healthier workforce, which for us goes back to economic development.”

Price’s efforts to promote Fort Worth and its residents paid off earlier this year when the city attracted the coveted Facebook Data Center, beating out 200 cities vying for the facility that will bring an estimated \$1 billion in economic development to north Fort Worth near Alliance Airport and the Texas Motor Speedway.

“All the studies we saw showed if we landed it, it would be a big draw for other companies and for young people, too,” she says. “They’d say if Facebook likes Fort Worth, there’s something cool going on there that I want to be a part of. It’s a big deal.”

GRAND PRAIRIE MAYOR RON JENSEN

Ron Jensen is a natural storyteller. Asked how he came to be mayor, he sits back in his chair and starts the tale he calls “my one night at Baylor.”

It was 1971. Jensen had completed his sophomore year at UTA, where he was juggling his studies with a job as a machinist at Rayco Construction.

“My father, who was a Baptist minister, told me, ‘we’ve got enough money to send you to Baylor,’ so I was set to transfer,” Jensen says.

Then in July, Jensen’s best friend introduced him to his sister, Rebecca Hyde, and they soon started dating. When September rolled around and Jensen moved into his dorm in Waco, he had second thoughts.

“I knew if I stayed a Baylor I could lose her,” he says. “I moved back the next day. That was my one night at Baylor.”

As luck or fate would have it, he was able to make late registration at UTA and got his old job back. He and Rebecca married in December, and they had their first child the following year when Jensen also completed his degree in psychology.

After graduation, he went to work for Control Products Corp., a Grand Prairie producer of aircraft lighting parts. There, his boss, Wayne Hanks, encouraged him

BETSY PRICE, ’72
Fort Worth, Texas

Mayor Betsy Price was elected tax assessor for Tarrant County in 2000 and won the Fort Worth mayor’s race in 2011.

to get involved in the community.

Jensen joined and took leadership roles in the YMCA, Rotary Club, Chamber of Commerce, and other civic groups. In 2002, he was elected to the City Council, serving alongside longtime Mayor Charles England. When England decided not to run for re-election in 2013, Jensen, then mayor pro-tem, ran and won.

“As they say, the rest is history,” says Jensen, who achieved his lifelong dream of purchasing Control

Products and now serves as president and CEO.

Now, the father of three and grandfather of three can reflect and see how the lessons he learned in college continue to pay off.

“At UTA, back when I was young and married and working, I learned to organize, to balance things, and to keep things prioritized,” he says. “I learned to focus on what has to be done first and maybe what I’d like to do last.”

As mayor, Jensen's priorities have included boosting economic development, lowering crime, and improving transportation in Grand Prairie, which has grown from 127,000 in 2000 to more than 182,000 this year. If trends continue, the population could reach 217,000 by 2020.

He also worked to increase tourism and recreational opportunities, including construction of The Epic, a \$75 million water park under construction in Central

Park west of State Highway 161. To improve community engagement, Jensen launched monthly five-mile bike rides called Cyclin' with the Mayor and two-mile walks called Strollin' with the Mayor as part of the Get Fit GP community initiative.

In a bid to unite the city's diverse communities, Jensen started the Mayor's Community Table, which allows attendees to mix with fellow residents from different neighborhoods, backgrounds, ethnic groups, and races.

Mayor Maher Maso was elected to the Frisco City Council in 2000 and was the city's longest serving mayor pro-tem before becoming mayor in 2008.

MAHER MASO, '08 *Frisco, Texas*

"Frisco is the most successful city in the country and a lot of that has to do with the great staff people who love what they do."

—Mayor Maher Maso

"I'm doing it so people can get to know each other," he says. "Once you get to know people who are from different races or different backgrounds, they're no longer strangers. They're not 'those people.'"

He adds that two topics are off-limits: politics and religion.

"When you talk about those you get emotional. It's just divisive. I can't change your mind on religion, and it's pretty hard to change your mind on politics, so why try? Let's just talk."

Asked about his legacy, he says it's simple. When he leaves office, he wants Grand Prairie residents to feel better about working, living, and playing there than when he got elected.

"That's why I do this, things like the bike rides, talking to every group I can. Community involvement is what gives people that feeling. We can build roads and have great fire and police, good restaurants. Those are superficial things we need to enjoy in the city, but it's not what I want my legacy to be. I want us to get along, have a good time, and be proud of the city."

FRISCO MAYOR MAHER MASO

Maher Maso believes being a mayor isn't that different from being a chief executive officer.

"The good leadership skills are the same, and those include servant leadership, especially in our role as volunteers," he says. "There are positional leaders and servant leaders, and I certainly believe in servant leadership, practicing good listening skills and being able to get input from many different sources."

To encourage engagement, he launched "Coffee with the Mayor," a monthly forum for citizens to air concerns over a cup of joe. Those personal interactions have helped the three-term mayor connect with constituents in the fast-growing city of more than 150,000 as it approaches build-out (it's only about 60 percent of the way there). The city's economy continues to thrive thanks to multi-use developments in the works—dubbed "the \$5 Billion Mile"—along the city's stretch of the Dallas North Tollway

"Frisco is the most successful city in the country, and a lot of that has to do with great staff people who love what they do," he says. "Surrounding yourself with people who have passion for their jobs makes being a leader much easier."

In addition to his mayoral duties, Maso serves on the board of directors and is vice president of the retail services firm Maso Inc. and the investment firm CMTEX Corp. The married father of three was first elected to public office in 2000 when he joined the Frisco City Council and was re-elected in 2002 and 2004. He was the city's longest serving mayor pro-tem, appointed by his colleagues five times from 2003 to 2007.

Frisco was still a small farming community of 6,500 when Maso bought a home in one of the first subdivisions in 1992. He ran afoul of the community's covenants when he wanted to add a circular driveway

and resolved the issue by becoming president of the Homeowner's Association. From there, he became the neighborhood's go-to guy to resolve issues with the city.

"People started asking for my help. Gradually, I was interacting more and more with the city and the more I did, the more I enjoyed it," he says. "It progressed to the point that people were telling me I should run for city council. It was not something I asked for. Some people have the goal to be elected, but it was never my goal. It was just a byproduct of engagement in the community."

Elected mayor in 2008, Maso has helped Frisco position itself as a sports mecca, becoming the corporate home of the Dallas Cowboys and a new 12,000-seat multi-use practice stadium and outdoor fields complex. The city's roster of teams also includes the corporate home of the Dallas Stars professional hockey team;

the Texas Rangers Double-A affiliate baseball team, the Frisco Roughriders; the FC Dallas professional soccer team; and the Dallas Mavericks' professional development basketball team, the Texas Legends. Frisco also recently landed the National Soccer Hall of Fame.

With the hotel inventory set to double over the next three to four years, taxes from the growing number of tourists can boost city coffers, supplementing sales and property taxes.

"We will build out one day and revenue will slightly flatten, and the challenge is to make sure the city stays fresh and runs state of the art," he says.

Maso grew up the youngest of eight to Jordanian immigrants. His parents stressed education and worked two jobs to help put their children through college. He followed his siblings in seeking higher education, but got a devastating diagnosis of cancer at age 20.

"There were a few years of battle," he says. "It changed my life for the better, and I'm glad it happened to me. Who knows where I could have ended up without it?"

He eventually completed his undergraduate degree online and went on to earn an MBA at UTA while serving on the City Council. "I looked for a program that was highly rated and that fit my schedule, and that I knew I could expand on later."

Maso is eager to continue his education, perhaps enrolling in the University's new internationally focused business Ph.D. program. As for other plans, he says he doesn't have loftier political aspirations.

"I love being the mayor of Frisco," he says. "I tell people I've already achieved the top job. I can't think of any other higher position I can be in." ☺



Millions of chronic pain sufferers may soon find welcome relief.

UTA
researchers
are devising
new ways
to treat and
prevent
chronic pain

BY TRACI PETERSON

ELECTRICAL ENGINEERING PROFESSOR J.-C. Chiao doesn't have to look far to find inspiration for helping the 100 million Americans living with chronic pain. He's one of them. Not only does Dr. Chiao have constant pain from slipped discs and pinched nerves in his neck, he also witnessed a family member suffer after chemotherapy for prostate cancer. Chiao's uncle used an implant device to electrically stimulate

“There are a lot of us in this who are very passionate because we see the human suffering as well as the financial cost associated with pain.”
— Dr. Robert Gatchel

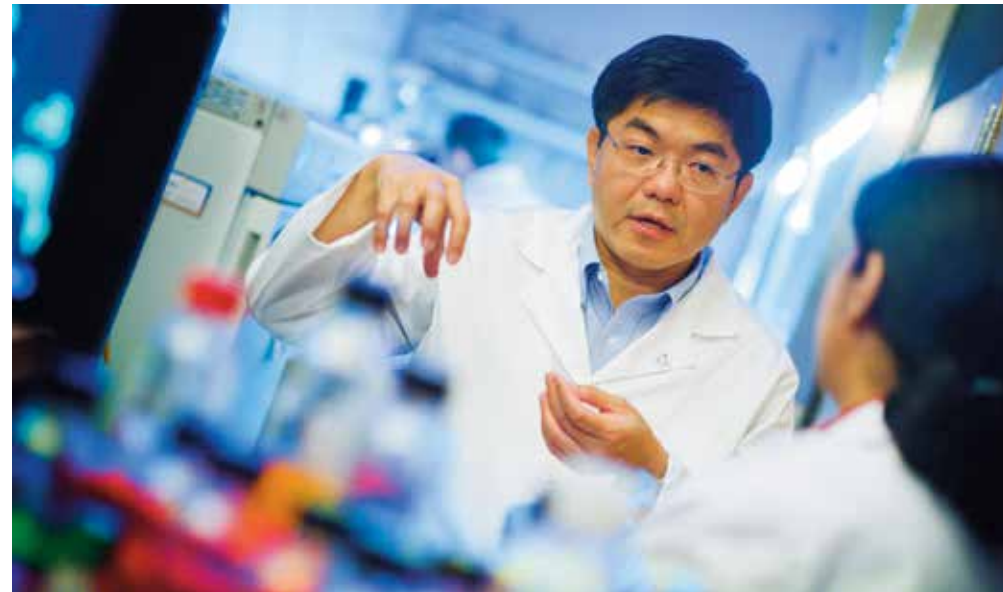
his spinal cord and relieve the pain. The technology was the best available, but he had to manually change the stimulation dosages every 15 minutes.

“How can you work? How can you sleep?” asks Chiao, the Janet and Mike Greene Professor and Jenkins Garrett Professor in the College of Engineering’s Electrical Engineering Department. “He has passed away, but he had a miserable year before that because of this pain.”

The U.S. Institute of Medicine estimates that chronic pain costs \$560-\$640 billion annually. The institute’s 2011 “Relieving Pain in America” report called on public and private sectors to create better ways to prevent and manage pain.

Chiao and other UTA researchers are working to develop knowledge, methods, and technology across disciplines. Several partnerships in the College of Engineering, College of Science, and College of Nursing and Health Innovation have garnered millions of dollars in research support.

Chiao and psychology Professor Yuan Bo Peng have worked since 2006 to create a closed-loop pain treatment system. Dr. Peng devised the technology, which has received funding from the National Science Foundation, Texas Medical Research Collaborative, Texas Higher Education Coordinating Board, and Intel’s telehealth initiative.



It starts with a device similar to the one Chiao’s uncle used. But the researchers are adding wirelessly networked implants, a computerized algorithm, and advanced flexible implantable devices that can document the subjective feeling of pain quantitatively and eliminate the need for manual operation. The device takes patients out of the equation, treating their pain in the background as they go on with their lives.

FEELING THE EFFECTS

Easing pain doesn’t just help individuals, it also impacts families and workplaces. Robert Gatchel, who holds the Nancy P. and John G. Penson Endowed Professorship in Clinical Health Psychology at UTA, has researched the topic for 30 years. Because of his extensive work in

this area, he has just been appointed as a Co-Chair of an National Institutes of Health (NIH) Work Group which will address research related to the “Prevention of Acute and Chronic Pain.”

“People in chronic pain develop a lot of depression because they can’t do the things they used to do,” he says. “They develop a lot of anxiety. They are really struggling to make a living, which then spreads to the family, so the family is also struggling.”

Dr. Gatchel co-developed the first interdisciplinary pain management program, called functional restoration. It’s a team approach that requires psychologists, physicians, physical therapists, and other treatment providers to meet regularly, coordinate their methods and goals, and report progress.

As the leader of UTA’s Center of Excellence for the Study of Health and Chronic Illnesses, Gatchel has led two large, federally funded research projects over the past five years. In one, supported by the Department of Defense, he applied the principles of functional restoration to treating military veterans suffering post-traumatic stress and chronic pain. In the other, funded by the NIH, he worked with dental clinics to identify, treat, and record results from 600-700 sufferers of temporomandibular joint and muscle disorder, or TMJ.

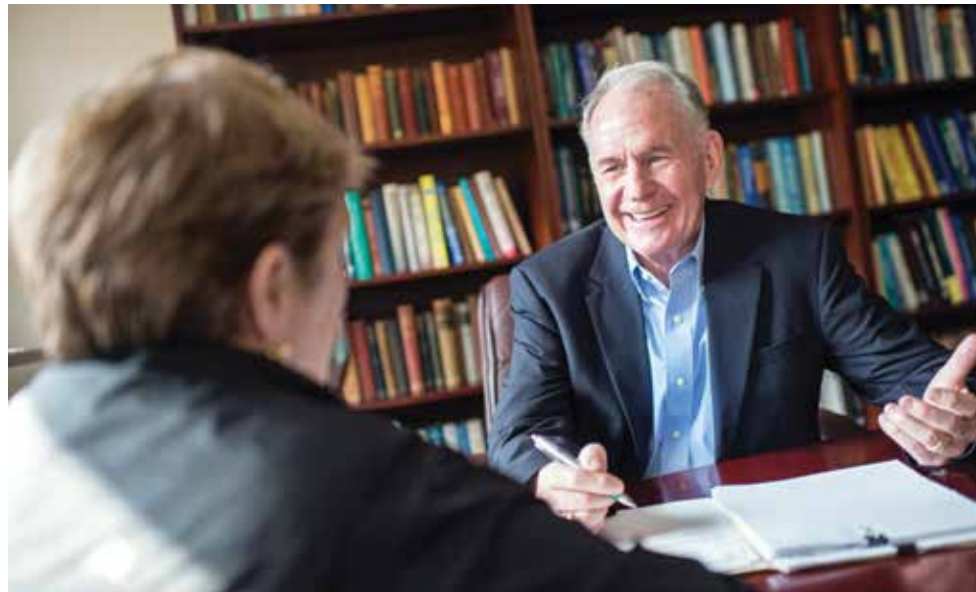
He is also collaborating with UNT Health Science

Center on the Precision Texas project, which involves collecting a large biobank of back pain patients’ genomic profiles in order to assess what genotypes, combined with lifestyle factors, will predict the development of chronic back pain.

“Musculoskeletal pain problems are more prevalent than all the other diseases or are part of those other conditions,” he says. “There are a lot of us in this who are very passionate because we see the human suffering as well as the financial cost associated with pain.”

HARNESSING DATA

Gatchel hopes to work with Christopher Ray, associate dean for research and an associate professor of kinesiology in the College of Nursing and Health Innovation,



to evaluate the influence of gait/walking changes in older adults. The aging population often incurs chronic pain that affects mobility.

Gatchel also is part of a team from the College of Science and College of Engineering that recently received a \$374,998 National Science Foundation grant. The researchers plan to use big data analytics to develop a predictive model for how chronic pain patients will react to certain treatments and how to optimize health care decisions for the best cost-effective results.

Jay Rosenberger, an associate professor of industrial, manufacturing, and systems engineering, leads the project. The effort will use data from patients at the Eugene McDermott Center for Pain Management at UT Southwestern, where Gatchel is a clinical professor.

“The idea is to support the physician to try to make good treatment decisions,” says Dr. Rosenberger, who directs UTA’s Center on Stochastic Modeling, Optimization, and Statistics, or COSMOS. “Our data include not just what’s happened in the past with their decision-making, but what other physicians have seen with their patients. In that sense, it can see through certain human judgment biases.”

The interdisciplinary team includes professors from the Electrical Engineering and Computer Science and Engineering Departments.

“In many research institutions, researchers often work in silos where they’re doing their own research. They don’t necessarily walk down the hall or into another building,” Rosenberger says. “Here we are building a team that works really well together.”

TEAMING UP

Collaboration also is essential to pinpointing the basic sensory components of pain and how it’s processed or felt. Psychology Professor Perry Fuchs has studied these aspects since the early 1990s, developing behavioral research methods that can be applied in laboratory studies.

“Our understanding of the system has increased tremendously over the past 20 to 30 years,” he says.

“There’s a dramatic increase in methodology that has been driven primarily by our increased understanding of underlying biological mechanisms that are related to pain.”

In early 2015, Dr. Fuchs and physics Assistant Professor Samarendra Mohanty published a study in the journal *PLOS One* that showed how to inhibit pain perception in the anterior cingulate cortex region of the brain. In their optogenetic stimulation method, genes for light-sensitive proteins are delivered to neurons and then activated by a laser.

The study demonstrated that optogenetic stimulation could be more accurate and effective than current ways of delivering stimulation for pain relief. It also enabled the researchers to see how different types of pain activated neurons in the brain’s thalamus.

“The optogenetics helps you to dissect the neural circuitry,” Dr. Mohanty says. “That could also help with drug discovery.”

Funding for pain research remains problematic. The American Pain Society, which released its “Pain Research Agenda for the 21st Century” in December 2014, compared research spending on pain with that of other prevalent diseases. Pain research accounted for just 1 percent of the National Institutes of Health budget or about \$4 per affected person, considerably less



Electrical Engineering Professor J.-C. Chiao, pictured on left, and other UTA faculty including Psychology Professor Robert Gatchel (center) and Cynthia Trowbridge, associate professor of kinesiology (right) are working across disciplines to explore new ways to treat and manage pain.

than the \$431 a person for cancer and \$2,562 for HIV.

Some researchers are attracting dollars from private institutions and companies. Cynthia Trowbridge, an associate professor of kinesiology in the College of Nursing and Health Innovation, has done sponsored research to explore how cryotherapy, thermal therapy, and electric stimulation can ease pain.

Her work reveals how to best relieve muscle tissue pain in different body types, improving on the old “ice it for 20 minutes” advice.

“Movement is the key,” Dr. Trowbridge says. “So getting people back moving and using their body how it’s intended to be used instead of compensating, that is the goal. We want to improve function, but we can’t do that until we relieve the pain.” ☺



ILLUSTRATION BY SHAW NIELSEN

Law and Order

Armed with master's degrees, alumni police chiefs develop skills and strategies to navigate law enforcement's evolving challenges

Leading a police force has never been easy, but it's become even more difficult given recent police shootings and charges of excessive force.

Programs such as UTA's Master of Arts in Criminology and Criminal Justice offer networking opportunities, insight into the latest research, and comprehensive management training that prepare law enforcement professionals to lead a force through challenging times.

"Working toward a master's degree really helps you in thinking strategically about your field with long-range planning and vision," says McKinney police Chief Greg Conley, who earned his master's in 1996 and was tapped to lead the McKinney Police in March.

A few months later, Chief Conley worked to rebuild community ties after an officer's aggressive response to a pool party was captured on video and went viral. The officer has since resigned.

"While times have changed, policing is still about working with people, about caring for your community, about keeping people safe," he says. "These are the same human values and expectations we all share."

Chief Rhonda Robertson joined the Fort Worth Police Department in 1985 and rose through the ranks to serve as assistant chief. In January, she was appointed interim chief of police and served in that post through September. She says earning her master's degree at UTA was not only a key to advancing her career, but also an engaging way to network with and learn from classmates and fellow law enforcement professionals.

"I found that there was an interest in talking about current events and current challenges as well as where we came from and some of the old theories, strategies and tactics that have been used to help us learn from past experiences and mistakes so we don't make them again," Chief Robertson says. She was in the first graduating class of students earning a Master of Arts in Criminology and Criminal Justice in a cohort program offered at UTA's Fort Worth Center.

"Anyone who is interested in advancing in their law enforcement career needs to have a master's degree, in my opinion," she says. "It's a great program that's helping us to professionalize law enforcement."

"Policing is still about working with people, about caring for your community, about keeping people safe."



This year's Distinguished Alumni Award recipients were, clockwise from top left, Raj Malik '93; Alan Petsche '80 and Bonnie Petsche '86; Arnold Petsche, who received the Honorary Distinguished Alumni Award; Tamara Hext Hilliard '87; and Sohrab Charna '76.

With Highest Honors

50th annual Distinguished Alumni Awards recognize excellence

UTA honored five alumni and a prominent Arlington businessman for their professional achievements, community engagement, and service to the University at the 50th annual Distinguished Alumni Awards in November.

Sohrab Charna '76, Tamara Hext Hilliard '87, Raj Malik '93, Alan Petsche '80, and Bonnie Petsche '86 received the Distinguished Alumni Award, while Arnold Petsche received the Honorary Distinguished Alumni Award.

Charna is a licensed architect in California with over 35 years experience in architecture and real estate development. As founder and principal of Designworx, an architecture and land planning firm, he oversees the company's design and production work. His diverse and extensive portfolio includes office buildings, research and development facilities, manufacturing facilities, shopping centers, and mixed-use business parks. Charna earned a degree in architecture from UTA and has been involved with numerous young technology companies.

Hilliard is the founder, CEO, and owner of Tay's Gourmet LLC, a gourmet granola company based in Texas. Tay's Gourmet Power Granola can be purchased in more than 500 stores throughout the Southwest or online at taysgourmet.com. In 1984 Hilliard won Miss Texas and was fourth runner-up in the Miss America competition. After earning her bachelor's degree in radio/TV broadcasting from UTA, she enjoyed a long career as a spokeswoman and as an actor in commercials, TV, and films in the Dallas area.

Malik is president and founder of BioWorld Merchandising, a leading design and distribution company of licensed and private-label apparel and accessories with a focus on pop culture and youth brands. After earning a bachelor's degree in computer science and engineering, he secured a music license and began designing and manufacturing unique licensed prod-

ucts for bands like Metallica and the Deftones. Malik has built BioWorld into a multinational organization with more than 250 employees and offices in China, Canada, India, Europe, and New York.

Alan Petsche owns Aaron Ave Records and the Candlelite Inn and is the retired chief operating officer for A.E. Petsche Co., an Arlington aerospace distribution firm founded by his father, Arnold. An ardent civic supporter of Arlington, Alan received a BBA from UTA and worked for the family business until it was sold in 2009. He and his wife, Bonnie, have opened two restaurants, established a commercial cabinet shop, started real estate investment/development companies, founded two independent record labels, and built two recording studios.

Bonnie Petsche, who received a BBA from UTA, is principal and vice president of Petsche Commercial Properties in Arlington. A devoted community volunteer, she serves on the Board of Trustees for Cook Children's Medical Center and Cook Children's Health Care System, among others, and chairs the Home Health Board of Trustees. Bonnie and Alan Petsche donated \$1 million in 2011 to support construction of UTA's College Park Center. The court of the state-of-the-art special events venue is named in their honor.

Arnold Petsche is president of A.E. Petsche Property Co. and the retired president and chairman of the board for the A.E. Petsche Co. He founded the A.E. Petsche Co. in 1966 to meet the aerospace industry's need for streamlined production and distribution of high-performance wire and cable. When the Arlington-based company was sold to Arrow Electronics, it had grown to 20 branches worldwide with sales exceeding \$200 million. In 2012 Petsche donated \$1 million to establish the Arnold E. Petsche Center for Automotive Engineering at UTA.

Events

DIE FLEDERMAUS

The Maverick Theatre Company in association with the Department of Music presents the Johann Strauss' opera. Co-directed by Soo Hong Kim and Anne Healy. February 26, 28, March 1, and 3, Mainstage Theatre. More information: uta.edu/theatre



RON PAUL

The former U.S. Congressman speaks as part of the Maverick Speakers Series. 7:30 p.m. Tuesday, February 2, Texas Hall. More information: uta.edu/maverickspeakers



DONNA BRAZILE

The political strategist and media commentator speaks as part of the Maverick Speakers Series. 7:30 p.m. Thursday, February 25, Texas Hall. More information: uta.edu/maverickspeakers



JANE GOODALL

The UN Messenger of Peace and renowned expert on chimpanzees will deliver a speech titled "Gombe and Beyond: An Evening with Dr. Jane Goodall" as part of the Maverick Speakers Series. 7:30 p.m. Thursday, March 31, College Park Center. More information: uta.edu/maverickspeakers

Alumni Fort Worth, Texas



ROBBIE AND ADAM WERNER
It was probably her first slice of birthday cake, baked from scratch by mom, that stirred Robbie Werner’s love of baking. “I grew up with my mom baking in our home kitchen,” she says. “When my own daughter had her first birthday, I wanted her to have that same experience I did. And it continues to be that way.” Two more kids and several years later, Robbie Werner, who attended UTA from 1997 to 2000, and her husband Adam ’06 BFA took that “love and care through baked goods” ethos to a professional level with the launch of Stir Crazy Baked Goods, now in two Fort Worth locations on Daggett Street and Magnolia Avenue. Family continues to be an essential component of its success. “We’ve been so supported by our neighborhood that we are thrilled to offer them a place to hang out in,” she says. “I’m excited about what is to come!”

Snapshot



SAXE CELEBRATION
Allan Saxe, associate professor of political science, celebrated 50 years at UTA at a reception in September. Attendees included political leaders, local officials, and administrators.



HALL OF HONOR
This year’s inductees into the UTA Athletics’ Hall of Honor included, from left, Mike Stamps, Elston Cawley, and Val Whitfield-Dunn. Other inductees were Hunter Pence and the 1996-2000 men’s track team.



MAIN STREET ARTS
Alumni enjoyed brunch and the sounds of the UTA Jazz Combo, Jazz Ensemble, and Jazz Orchestra April 11 at the Main Street Fort Worth Arts Festival.



UTA-UT TAILGATING
Maverick alumni enjoyed pre-game tailgating before UTA beat UT 6-5 in a March 17 game at Globe Life Park.



Healing Touch

Mike Gonzales earns national recognition

Imagine a place designed to comfort patients facing terminal illnesses, an oasis where they can savor time spent with family and friends.

That was the assignment facing Dallas architect Mike Gonzales ’92 and the team at PRDG. The firm was charged with designing the T. Boone Pickens Hospice and Palliative Care Center, the first campus of its kind in the nation and Dallas’ first free-standing hospice.

“It’s really an awesome project for the community,” Gonzales says of the center, which is scheduled to open in 2016.

Owned and operated by Presbyterian Communities and Services, the campus will include an inpatient care center, an all-faiths chapel, an education and resource center, and an outdoor reflection center. Gonzales is project architect, which he says means “making sure the buildings come out working.”

Earlier this year, the project received an Award of Merit at the 2015 Environments for Aging Conference in Baltimore. In July the American Institute of Architects’ *Design for Aging Review, 13th Edition* recognized the center with a merit award.

Gonzalez looks back fondly on his years at UTA and the close-knit community he found in the architecture program.

“When I was in the studio, working late and on weekends, it was like we were all there working together. It created a sense of team.”

His favorite projects have been schools and senior living facilities, including an addition to The Vantage in CityView, a Fort Worth assisted living center.

“It’s an accomplishment to have a building being used and to see people living their lives in it,” he says. “That’s one of the main reasons that after 20 years I’m still excited to get up in the morning and go to work.”

Alumna funds study abroad scholarship

Jacquelyn Fouse knows the value of an international educational experience for a business student’s portfolio. A high school trip to France fueled her passion for a global career in health-related industries.

Now she’s giving UTA students the same opportunities to learn from other cultures.

Dr. Fouse has committed \$762,500, with additional support from the College of Business, to establish the \$1.525 million Jack and Doris Fouse Scholarship for Study Abroad fund. Named in honor of her parents, the gift will support international business and Goolsby Leadership Academy students.

Fouse previously established the John and Judy Goolsby-J.A. Fouse Endowed Chair in the College of Business and the Jacquelyn A. Fouse Endowed Scholarship in the Goolsby Academy, a competitive leadership program for UTA business students.

She says traveling and working abroad have advanced her career.

“It opens your mind and allows you to be more creative. International experience has helped me become a better manager by making me more appreciative of other people and their world views.”



SELECT COMPANY UTA’s African-American Alumni Chapter presented the Outstanding African-American Alumni Award to eight graduates during its 25th annual banquet in March. Receiving the honor were, Akilah Ferguson ’99; Opal Mauldin-Robertson ’96 ’09; Tomas Rivera ’99; Lillie Biggins ’74; Nommo Combs ’05; Charles Williams ’03; Errol Byles ’96; and Junius Dotson ’90. Established in 1995, the Outstanding African-American Alumni Award honors African-American graduates who have made significant contributions to society and whose accomplishments and careers have brought credit to UTA.

Spotlight



DREAM MAKERS LUNCH

Attendees at the College of Nursing and Health Innovation's March event included Eric Nedderman, Peter Deng, and UTA President Emeritus Wendell Nedderman.



ALUMNI HONORED

The College of Business recognized alumni and service award winners January 31 including, from left, Dr. David Gray, Ashley Murphree '95 BBA, Richard Ashton '05 BBA, and David Elkins '65 BBA.



MAVERICK SPEAKERS

Vicky Teherani '79 BBA, '81 MBA visited with actress and activist Mia Farrow, who came to campus October 8 as part of the Maverick Speakers Series.



CAPPA LAUNCH

Ralph Hawkins '73 BS and his wife, Susan, attended the October 9 celebratory launch of the College of Architecture, Planning and Public Affairs (CAPPA).



Top Teacher

Shanna Peeples inspires educators as 2015 National Teacher of the Year

Alumna Shanna Peeples worked as a disc jockey, medical assistant, pet sitter, and journalist before finding her true calling as a teacher.

Now she's representing the nation's 3 million educators as the 2015 National Teacher of the Year, America's oldest and most prestigious honor of its kind, bestowed by the Council of Chief State School Officers.

Peeples teaches English at Palo Duro High School in Amarillo, where 85 percent of the school's students live below the poverty line. Many are refugees who speak English as a second language and recently entered the United States from war-torn regions.

"My students, survivors of deep and debilitating trauma, have shaped the kind of teacher I am," she says. "They have taught me never to make a promise I can't keep because so many already have learned to see the world through suspicious eyes.

"To be the best teacher to them, I have to remember this and honor their background. I remember so I can gain their trust because I want them to read and write their way out of where they are."

Peeples is the first Texas teacher to win National Teacher of the Year since 1957 and the first UTA graduate to do so.

She earned a master's degree in curriculum and instruction in 2013 through an online program offered by the College of Education through Academic Partnerships.

"UT Arlington's Academic Partnerships program helped me do what I didn't think was possible: earn my master's degree while staying in the classroom," she says. "I'm proud of UT Arlington's commitment to create more teacher-leaders in Texas and the U.S., and I'm proud to be a UT Arlington alumna."

Moritz family funds nursing professorship

The Moritz family, founders of Moritz Dealerships in automotive sales, has long been committed to improving health outcomes. To advance research in elder care, the family in 2011 established the Moritz Chair of Geriatric Nursing Research in the College of Nursing and Health Innovation.

Renowned nursing researcher Mark Haykowsky has joined UT Arlington as the inaugural Moritz Chair. An internationally recognized expert in exercise physiology and rehabilitation medicine, he most recently was a physical therapy professor in the University of Alberta's Faculty of Rehabilitation Medicine.

"We are pleased to see that our support has brought Dr. Haykowsky to UT Arlington," says John David Moritz, president of Moritz Dealerships. "We know his work will elevate opportunities for students and will continue to have a lasting

impact on society."

Haykowsky served as exercise physiology team lead for Alberta Heart, funded by Alberta Innovates Health Solutions, and the Multidisciplinary Team Intervention in Cardio-oncology, funded by the Mazankowski Alberta Heart Institute.

Dean Anne Bavier believes Haykowsky will inspire students to see themselves as scientists and scholars.

"His focus on early predictors of heart failure brings significant science to this major killer of older women," Dr. Bavier says.

Haykowsky's appointment is supported in part by The University of Texas System Science and Technology Acquisition and Retention, or STARS, program. The initiative provides start-up funding needed to attract scholars with exceptional records of research, teaching, and creative activity.



BENCHMARKS Between them, Jerry and Shirley Rodnitzky have devoted almost 75 years of their professional lives to UTA. Jerry, a history professor, plans to retire next year after 50 years of service. Shirley retired in 2002 after working nearly 25 years in the UTA Libraries' Special Collections. To leave a legacy, the Rodnitzkys made a gift to purchase two wooden benches outside University Hall that bear their names. "We hope this will start a tradition of other employees doing the same thing," Jerry says. For information about naming opportunities, call the Development Office at 817-272-2584.

Athletics Giving

JUSTIN D. WILSON BATTING FACILITY

PATTI AND ROY WILSON

Alumnus Roy Wilson embraces the baseball adage that batters can never see too many pitches. The 1979 business graduate is also passionate about helping student-athletes achieve greatness. That's why he calls his gift to create the Justin D. Wilson Batting Facility a "no-brainer." Opened on the eve of the 2013 UTA baseball season, the 5,940-square-foot complex is named for his son, who died in 2010 at age 13. Justin was an accomplished youth baseball player and frequent participant in Maverick baseball camps. He and his dad watched many UTA games together. "Those were some of our favorite times," says Wilson, an operations engineer at Lockheed Martin Aeronautics in Fort Worth. "When my wife, Patti, and I had the chance to make the necessary commitment, we wanted to have Justin's name on the building." The facility contains pitching mounds and interchangeable batting cages and enables the team to practice indoors during inclement weather. "This facility was just the first step of several to take this baseball program to the next level," Wilson says.



Class Notes

1971

Kristy Libotte Keener (BFA, Art) won three gold International MarCom Awards for graphic design. She is the graphic design coordinator at NCTCOG. **Juli Warner** (BA, History) was honored along with colleague Rhonda Pugh as International Educators of the Year by the World Affairs Council of Dallas-Fort Worth. Warner taught world geography and world and European history at Martin High School in Arlington. She retired in June after 41 years.

1972

Janna Ward Clarke (BA, Political Science) is board chair for Texas Legal, the statewide nonprofit legal insurance plan. She is an attorney at Broude, Smith & Jennings PC in Fort Worth.

1973

Javier Gutierrez (BBA, Business Administration) received a 2015 Minority Business Leader Award from the *Dallas Business Journal*. He is the sole proprietor and general manager of Javier's Gourmet Mexicano Restaurant in Dallas.

1974

Fred Gibson (BS, Civil Engineering) earned a Ph.D. in health care administration at Capella University. He was a dentist in the Houston area from 1979 until his retirement in 2010.

1976

George Riba (BA, Speech) retired after 37 years as a sports anchor/reporter at WFAA-TV in Dallas. He was guest speaker at the UTA All-Sports Banquet in April.

1977

Les Shuler (BBA, Accounting) was recognized as one of Fort Worth's top 13 chief financial officers of the year by the *Fort Worth Business Press*. He is CFO at Worthington National Bank.

1979

Alfred Vidaurri Jr. ('79 BS, '82 MArch, Architecture) was named to the American Institute of Architects College of Fellows. He is a principal at Freese and Nichols in Fort Worth.

1980

James Ratliff (BS, Electrical Engineering) is associate chief in the Avionic Systems Division at NASA's Johnson Space Center in Houston.

1981

Kaye Horn (MBA, Business Administration) was elected to the board of directors for the YWCA of Houston.

1982

John Pinkerton (MPA, Professional Accounting) was named to the board of directors of Lonestar Resources Ltd. He retired as CEO of Range Resources in 2012 and continues to serve as a director.

1983

David Griffith (BBA, Management) retired from the Army as a colonel after 31 years of active duty. Over the past 10 years, he served in the Office of the Assistant Secretary of the Army (Manpower and Reserve Affairs), the Africa Center for Strategic Studies, and the National Defense University in Washington, D.C. **Bill Hale** ('83 BS, '89 MEng, Civil Engineering) is the Texas Department of Transportation's chief engineer, responsible for management of the bridge, construction, design, maintenance, traffic operations, and right-of-way divisions, as well as the Local Government Projects Office. **Brian Happel** (BBA, Management) is chief executive officer of BBVA Compass in Fort Worth. Previously he was Fort Worth city president for BBVA Compass. He serves on the boards of Downtown Fort Worth Inc., The Art Station, and the UTA College of Busi-

ness. **James Hawthorne** ('83 BA, Journalism; '10 MA, Criminology and Criminal Justice) founded the Arlington Film Society to build interest in locally made films. He presented his first film screening in January at UTA. He retired in 2013 as an assistant chief after 28 years with the Arlington Police Department. **Marcia Moore** (MS, Social Work) is a human resources consultant to small- and medium-sized businesses in the Dallas-Fort Worth area.

1984

Susan Drake (BBA, Accounting) was recognized as one of Fort Worth's top 13 chief financial officers of the year by the *Fort Worth Business Press*. She is deputy director of finance and administration at the Kimbell Art Museum. **Glen Golightly** ('84 BA, Journalism; '93 MA, Urban Affairs) received best director and best short thriller awards for *The Screaming Room* at the Zed Fest 2014 Film Festival in Burbank, Calif. He took second place with his TV commercial "Kill Flags" at the Shriekfest 2014 Film Festival in Hollywood, Calif. He is a writer, director, and producer in the Los Angeles area. **Carolyn Montesana** (BBA, Management) was honored as one of the Great Women of Texas 2014 by the *Fort Worth Business Press*. She is executive director of the Arlington Tomorrow Foundation. **Nada Shabout** ('84 BS, Architecture; '88 BFA, Art; '91 MA, '99 PhD, Humanities) wrote *Modern Arab Art*, a historical and theoretical overview of art from the 1940s to the present day. She is a professor of art history and director of the Contemporary Arab and Muslim Cultural Studies Institute at the University of North Texas.

1985

Dan Reynolds ('85 BBA, '13 MS, Accounting) was recognized as one of Fort

Worth's top 13 chief financial officers of the year by the *Fort Worth Business Press*. He is vice president, chief financial officer, and secretary of the board at Calloway's Nursery. **Wrennah Gabbert** ('85 BSN, '90 MSN) is the James A. "Buddy" Davidson Chair in Nursing Excellence in the College of Health and Human Services at Angelo State University.

1986

Janice Klostermeier (BBA, Accounting) was named Best Growth Manager at the 2014 *New Jersey Business Journal's* CFO of the Year Awards. She is executive vice president and chief financial officer for Emergency Medical Associates in Parsippany, N.J. **Teris Solis** (BA, Political Science) is the Arlington city attorney. She had been an assistant city attorney for 23 years, handling matters ranging from contracts and economic development deals to advising the City Council and citizen boards. **Estrus Tucker** (BA, Sociology) is vice chair of the Workforce Development Board of Workforce Solutions for Tarrant County. He has served on the board since 2005. He is also vice chair of the Workforce Delivery Systems Committee.

1987

Karen Borta (BA, Communication) is now a morning anchor at KTVT Channel 11 in Dallas-Fort Worth after many years as an evening anchor. She has been with KTVT for 20 years. **Stephanie Bowman** (BBA, Accounting) is chief financial officer at BenefitMall, a provider of employee benefits, human resources, and payroll products and services. **Sonya Collins** (BS, Biology) is a neonatologist in the Floyd Medical Center Level III Neonatal Intensive Care Unit in Rome, Ga. **Sandy Potter** (MS, Social Work) received the National Alliance on Mental Illness Dallas' 2014 Profession-

al of the Year Award. She is the president and CEO of ValueOptions Texas and heads NorthSTAR, a publicly funded behavioral health program serving the medical indigent and Medicaid population of greater Dallas. **Chat York** (BBA, Accounting) is chief financial officer at Saulsbury Industries in Odessa. Previously he was senior director of finance at Luminant.

1988

Michael J. Murray (BBA, Accounting) is executive vice president and chief operating officer for D.R. Horton in Fort Worth. Previously he was senior vice president of business development.

1989

Yossef Lahad (MS, Interdisciplinary Studies) is chair of the board of directors for Better Online Solutions. He serves as director of JPPI Group China, a leading strategic planning firm, advising companies entering the Chinese market. **Kevin Richardson** ('89 BBA, '92 MBA, Finance) is U.S. vice president and general manager at Sirtex Medical, a medical device company that manufactures and markets a product to treat liver cancer with radioactive beads from the inside out. He recently was appointed to the board of directors at Explore Austin, a nonprofit that helps underserved youth through leadership, mentoring, and adventure.

1990

Elisa Artusa (BS, Aerospace Engineering) retired after 24 years with NASA. At the Kennedy Space Center she was the lead design engineer for the Crawler Transporter, modifying it to carry heavy-lift space vehicles to the launch pad. **Rod Fomby** (MBA, Business Administration) is senior vice president of global services for Allegro Development Corp. in Dallas. Previously he was managing

partner in charge of North American Financial Services for EnFORM Technology/SunGard Consulting Services.

1991

Celeste Johnson (MSN, Nursing) received the 2014 Academic Achievement Award at Texas Woman's University, where she earned a Doctor of Nursing degree. She is director of nursing and psychiatric services for the Parkland Health and Hospital System in Dallas. **Matt Jones** (BA, Broadcast Communication) is evening news producer for KTNV, ABC Channel 13, in Las Vegas. **Rizwan Sheikh** (BS, Information Systems) is a managing partner at AustinCSI, a management consulting firm in Plano. **Jackie Ward** (MS, Social Work) received the Lifetime Achievement Award from the National Association of Social Workers, Texoma Branch. An active volunteer and mentor, she has served on numerous social work-related boards and committees.

1992

Casey Coleman (MBA, Business Administration) is client executive vice president at AT&T Government Solutions, where she leads the business unit's information technology and professional services work for federal civilian agencies. Previously she was chief information officer for the General Services Administration. **Ray Lopez** ('92 MS, Psychology; '93 PhD, General Experimental Psychology) is an advisory software engineer for the IBM Watson Group in San Antonio.

1993

Denise Bredow (MSN, Nursing) is a member of the clinical faculty in the Family Nurse Practitioner Program at Baylor University in Dallas. She received her Ph.D. in population health sciences from Texas Woman's University in May 2014 and practices as

an FNP at Mission Arlington. **Scott Finnell** (PhD, Social Work) is executive director of the Williamson County Children's Advocacy Center in Georgetown. **Michael Holguin** (BA, Journalism) is an assistant chief in the UTA Police Department. Previously he was acting police chief at UT Brownsville. **Karen Moree** (BBA, Finance) is a managing partner at AustinCSI, a management consulting firm in Plano. She was named a top female CEO by Inc. magazine in 2013. **Andrea Souflee** ('93 BFA, Art; '13 MPA, Public and Urban Administration) is the communication director at the United Way of the Coastal Bend in Corpus Christi.

1994

Mike Clark (MS, Electrical Engineering) is senior director of microwave solutions of the electronics group for Crane Aerospace & Electronics in Chandler, Ariz. Previously he was business director for Crane, where he has worked since 2003. **Kevin Hugman** (MPA, Public and Urban Administration) is Duncanville city manager. A retired Navy captain, he previously was assistant city manager in Wichita Falls. Prior to serving in Wichita Falls, Hugman worked 17 years for the city of Southlake. **Paula Sanders** (BA, English) co-founded the entertainment group the Blaque Artists Collective, which the WaterTower Theater selected to perform *Blaque-to-Blaque: A Trilogy of Short Plays* at the Out of the Loop Fringe Festival in Addison in March. **David Thomas** (BA, Journalism) was the inaugural speaker at the Marjorie Herrera Lewis Endowed Speaker Series at Texas Wesleyan University in March. A former sportswriter and columnist at *The Short-horn* and the *Fort Worth Star-Telegram*, he has written eight books, including two *New York Times* bestsellers, *Wrestling for My Life*

with WWE superstar Shawn Michaels and *Foxcatcher* with Olympic wrestler Mark Schultz.

1995

Arturo Campos (BBA, Accounting) is director of accounting and finance at Lone Star Ag Credit in Fort Worth. **Nathan Hoffman** (BBA, Marketing) is a commercial banker for Southwest Bancorp in Fort Worth.

1996

Kathy Berek (MEng, Civil Engineering) is regional practice manager for the water division at Burns & McDonnell, a full-service firm for large capital programs in Houston. **Greg Conley** (MA, Criminal Justice) is McKinney chief of police. Previously he was an assistant police chief in Garland.

1997

Wendy Evans (BBA, Real Estate) is senior commercial property manager for Brookwood Financial Partners, a real estate investment and asset management company based in Massachusetts. She oversees the Dallas-Fort Worth area. **Paul Frederiksen** ('97 MPA, Public and Urban Administration; '97 MCPR, City and Regional Planning) is the town manager of Argyle. He has more than 20 years experience working with Texas municipalities, including Las Colinas, Dallas, Colleyville, and Shenandoah.

1998

Kerri Ressler ('98 BA, Journalism; '10 MEd, Educational Leadership and Policy Studies) is executive communications manager at Sabre. She writes speeches and prepares presentations for the vice president of the Travel Network, Sabre's largest business unit. During the past 15 years, she has worked at the UTA Alumni Association, Office of Development, and Leadership Center.

1999

Joseph Loretto (BBA, Accounting) is an audit partner and International Business Center director for the Americas and Central Region of Grant Thornton LLP, an independent audit, tax, and advisory firm. He is based in the company's Houston office. **Letha Clair Robertson** (BA, Art and Art History) was guest curator at the Tyler Museum of Art for an exhibition that commemorated the 150th anniversary of the American Civil War. She is an assistant professor of art history at UT Tyler. **Benjamin Sparks** (BBA, Accounting) is counsel for Shackelford, Melton, McKinley & Norton LLP, a business and entertainment law firm. He is a tax and financial services attorney in the Dallas office.

2000

Matt Brown (BM, Music) is principal at Diane Patrick Elementary School, which opened this fall in Arlington. Previously he was principal at Arlington's Remyse Elementary. **Ben Myers** (BS, Economics) is an expert in real estate research and has experience with several firms in the United States and Canada, including Hanley Wood Market Intelligence, Altus Clayton, and Urbanation. He is based in Toronto. **Angela Plache** (BSN, Nursing) is co-founder of the apparel company Urbane Scrubs. She is an ICU nurse at Parkland Hospital in Dallas.

2001

Matt Anderson (BBA, Marketing) is vice president of business development for the western United States at Provant Health Solutions, a workplace well-being company. **Todd Holzaepfel** ('01 MA, History; '09 PhD, Transatlantic History) retired as vice president of planning and operations after 30 years with Downtown Fort Worth, Inc. As manager of the downtown

Notable



CARLA SAYAN

Sayan ('08 BS, Industrial Engineering) received the 2014 National Most Promising Engineer of the Year Award from the Society for Hispanic Professional Engineers for her breakthroughs, outstanding technical contributions, and volunteerism. She is a senior information systems engineer for Raytheon Missile Systems in Tucson, Ariz.

STEVE NORWOOD

Norwood ('88 MA, Urban Affairs) is El Paso County's first chief administrator. He helps commissioners run the county while supervising several departments. He is a former city manager for Round Rock, Texas, and Prescott, Ariz.



DENÉ HILL

Hill ('06 BM, Music) starred in PBS' *JFK-LBJ: A Time for Greatness*, playing Geri Whittington, the first African-American White House secretary to President Lyndon Baines Johnson. The film celebrates the 50th anniversary of the Voting Rights Act.

DAVID CHAMBERLAIN

Chamberlain ('75 BBA, Management) was elected chair of the State Bar of Texas Board of Directors and will serve until June 2016. He is the senior partner in the Austin civil trial firm of Chamberlain McHaney and is certified in personal injury trial law by the Texas Board of Legal Specialization.

Briefly



MAVERICK MERCHANDISE

Everybody looks better in blue and orange. Gear up for springtime weather by visiting UTA's one-stop online shopping mall. A wide selection of T-shirts, polos, caps, bags, accessories, and other merchandise awaits. The online shop includes links to the UTA Bookstore, athletics store, Planetarium gift shop, and more. Check it out at uta.edu/shoponline.

GET CONNECTED

Stay apprised of all things Maverick by joining the University's social media sites. UTA's official Facebook page had more than 41,800 "likes" as of early November. Become a fan and get updates in your newsfeed about campus happenings and achievements. Follow @utarlington on Twitter for the latest news, network with fellow alumni through LinkedIn, and share photos from UTA's Pinterest boards.



LICENSE PLATES

Show your Maverick pride with the eye-catching UTA Texas license plate. MyPlates.com, the state's official vendor, offers specialty tags with the UTA logo. Prices for personalized plates start at \$90 per year. A percentage of sales benefits student scholarships. Find out more details by visiting myplates.com/go/uta.

public improvement district, his work led to the creation of the Main St. Arts Festival. **Catherine Montgomery Luster** ('01 BM, Music; '11 BA, Theatre Arts) co-founded the entertainment group the Blaque Artists Collective, which the WaterTower Theater chose to perform *Blaque-to-Blaque: A Trilogy of Short Plays* at the Out of the Loop Fringe Festival in Addison in March.

2002

Becky Abuor ('02 BSN, Nursing; '08 MSN, Nursing Practitioner) is founder and chair of Afya Health Systems, a non-profit that provides access to comprehensive health care in parts of Kenya where such services are not available.

Rachel Bates (BFA, Art) was one of many artists displaying their wares at the 13th annual Empty Bowls in Fort Worth in February. She specializes in earthenware and clay. The event benefited the Tarrant Area Food Bank. **Christy Cardillo** (MS, Accounting) is a partner for Shinn & Co., a CPA firm in Bradenton, Fla. She has worked for the firm since 2007. **Kaci Hickox** (BSN, Nursing) was named 2014 Woman of the Year by mtvU.com, MTV's website for college students. She spent much of last year working with Doctors Without Borders in impoverished areas of Burma, Sudan, and Nigeria, and she traveled to Sierra Leone to help fight the spread of an Ebola outbreak that has killed thousands in Africa. **Sussy Ruiz** (BA, Broadcast Communication) is manager for regional broadcast and digital local news at Univision Communications in Miami. She received three Lone Star Emmys in the past two years while at Univision Houston.

2003

Kelly Bowman (BSN, Nursing) is pursuing a master's degree at UT Arlington after two tours of duty with the Navy in

the Middle East. She worked as a flight nurse transporting patients from the surgical shock trauma hospital to the local hospital via helicopter, at times under enemy fire.

Leah Brady (BA, English) was one of six Arlington Independent School District elementary school teachers to receive the Teacher of Excellence award from the Arlington Masonic Lodge. She teaches fifth-grade science at Miller Elementary School. **Gail Kemp** (BSN, Nursing) is an emergency room nurse and clinical coordinator for Rescue Nurse International, which provides bedside nursing care and transportation to ill travelers worldwide.

2004

Gene Capps (BS, Civil Engineering) was named Young Engineer of the Year by the Mid-Cities chapter of the Texas Society of Professional Engineers. He is project manager for site development and public works projects at Fort Worth-based Baird, Hampton & Brown. **Daron Evans** (MS, Biomedical Engineering) chairs the board of directors at Nephros, a commercial stage medical device company that develops and sells high-performance liquid-purification filters. He also serves as chair of the audit committee at Nephros. **Liz Heck** ('04 BA, Public Relations; '12 MBA, Business Administration) is vice president of membership/president-elect for the Greater Fort Worth Chapter of the Public Relations Society of America. She is community outreach coordinator at the Moncrief Cancer Institute. **La'Quana Price** (BA, English) is an implementation project manager for the contract operations division in the Texas Attorney General's Office. She received a Master of Science degree in project management from St. Edward's University in December 2014.

2005

Lauren Chastant (BA, Psychology) received a certificate in paraplanner development from the American College of Financial Planning. She is a client service specialist for LD Lowe Wealth Advisory in Dallas. **Willie Houston** (MBA, Business Administration) is chief financial officer for Satori Capital, a Dallas-based multistrategy investment firm.

2006

Cara Wallace (MS, Social Work) co-wrote a study that looked at the needs of cancer survivors decades after their medical treatment ended. She is a UTA School of Social Work doctoral student.

2007

Tara Haskins (MSN, Nursing Practitioner) is a nursing assistant professor at Louisiana Tech University. She completed her doctorate in forensics at the University of Tennessee Health Science Center. **Randi Nelson** (BA, Journalism/Public Relations) was selected as a 2014 Top 10 Family Law Attorney in Connecticut under the age of 40 by the National Academy of Family Law Attorneys. She is an associate attorney at Nusbaum & Parrino PC in Westport, Conn. **Tracy Rundstrom Williams** (PhD, Linguistics) wrote a chapter in the book *Teacher, Scholar, Mother: (Re)Envisioning Motherhood in the Academy*, which was published earlier this year. She is associate director in the Center for International Studies at Texas Christian University.

2008

Nelda Acosta (MEd, Educational Leadership and Policy Studies) is principal of the Workman/Hutcheson junior high schools, which consolidated this fall in Arlington. **Kelly Aman** ('08 BA, '14 PhD, Mathematics) is a senior lecturer in the Department of Mathematical Sciences at UT

Dallas. **Amy Powell Blomstedt** (BS, Biology) is a research technologist for the Food Science and Technology Department in the Food Allergy Research and Resource Program Analytical Laboratory at the University of Nebraska-Lincoln. **Kelly Carruthers** (MEd, Educational Leadership and Policy Studies) notched her 100th win as girls basketball coach at Bowie High School in Arlington during the 2014-15 season. She became Bowie head coach in 2011. **Daniel Elk** (BA, Interdisciplinary Studies) works at Darling Homes in Frisco. **Adam Henning** (BBA, Accounting) is an assurance manager at JTaylor, a Fort Worth-based professional service firm. His practice areas include oil and gas, financial services, and real estate. **Caleb Aaron Milligan** (BS, Civil Engineering) was named Young Engineer of the Year by the Fort Worth chapter of the Texas Society of Professional Engineers. He is an engineer in the public sector services department at Dunaway Associates in Fort Worth. **Kelvin Phan** (BS, Athletic Training) is coordinator of clinical education for the Department of Athletic Training at the University of Charleston in Charleston, W.Va. He is an instructor in the athletic training program and also provides medical services to the university's softball team. **Kristin Salinas** (BS, Athletic Training) works at Houston Methodist St. John Hospital as an outreach athletic trainer for Clear Lake High School. **Richard Skurla** (BFA, Art) displayed paintings on canvases molded into three-dimensional forms among his more than 30 pieces at a solo exhibition at Waco's Art Center in January and February. **Jed Stratton** (BS, Athletic Training) is an assistant athletic trainer at UT Arlington and the primary athletic trainer for the women's basketball team, while assisting with men's

and women's tennis and golf. **Kathy Weaver** (EMBA, Business Administration) is a principal at Ryan, a global tax services firm. She joined the company in 2006 and is based in Dallas.

2009

Jason Fitzgerald ('09 BA, History; '13 MEd, Educational Leadership and Policy Studies) is an assistant principal at Arlington High School. **Holland Sanders** (BA, Public Relations) is director of marketing and communication for the Fort Worth Opera. The opera's marketing department won the Communicator of the Year award from the Center of Nonprofit Management.

2010

Paul Bennett III (MBA, Business Administration) is executive vice president at Bennett Mineral Co. in Walkerton, Va. **Sean Bolton** (BA, Communication Technology) is a senior ServiceNow consultant for Evanios, an information technology service management company. **Jacob Briggs** ('10 MBA, Business Administration; '11 MPACC, Professional Accounting) is a certified public accountant at Cash America International in Fort Worth. He completed the Fort Worth Chapter of CPAs Leadership Development Program and is serving on the chapter's Business and Industry Committee. **Seth Holwerda** (MS, Exercise Physiology) is a doctoral student in the Department of Medical Pharmacology and Physiology at the University of Missouri School of Medicine. **Brandon Laird** (BS, Industrial Engineering) is regional vice president of the South Central region for the Institute of Industrial Engineers. He is a manufacturing engineer at Martin Sprocket & Gear in Arlington. **Long Lam** (BS, Athletic Training) is head athletic trainer for the Rio Grande Valley Vipers, a developmental league basketball team affiliated

with the Houston Rockets. **Nealy Mincher** (BA, Public Relations) is a senior account executive at FleishmanHillard, a communications agency in Dallas. **Angela Peragine** (BA, Spanish) was one of six Arlington Independent School District elementary school teachers to receive the Teacher of Excellence award from the Arlington Masonic Lodge. She teaches reading and writing in Spanish to third-grade bilingual students at Crouch Elementary School. **Alexis Spears** (BA, Broadcast Communication) is a multimedia journalist for KWKT Fox 44 News in Waco. She won a 2014 Media Honor Roll award for coverage of the local public school systems.

2011

Elaine Brown (BA, Public Relations) is a marketing executive at Social Change UK. **Justin Ginsberg** (MFA, Art) received a Masterminds award from the *Dallas Observer* for his work on Deep Ellum Windows, which included exhibitions in abandoned buildings over the past three years. He is an assistant professor in glass and the area coordinator in the UTA Art and Art History Department. **Josh Greenlee** (BA, Broadcast Communication) works at the Southern Oklahoma Radio Center in Ardmore, Okla. He is midday DJ on the classic hits station GTO 107 KYNZ and works nights on the company's country station, 95.7 KKAJ. **Jane Harmon** (DNP, Nursing Practice) is a psychiatric mental health nurse practitioner at McCurtain Memorial Hospital in Idabel, Okla. She also manages psychiatric patients in a primary care clinic and provides care in four nursing homes in McCurtain County. **Brandon Hurtado** (BA, Public Relations) is director of social operations at More Cabbage, a Dallas-based social media and Internet marketing firm. **Michael Mazurek** (MFA, Art)

is curator of the Goss-Michael Foundation in Dallas. **Rhonda Robertson** (MA, Criminology and Criminal Justice) served as interim police chief in Fort Worth. She has been with the FWPD since 1985. **Aaren Gignac Stratton** (BS, Athletic Training) is an athletic trainer at Lake Ridge High School in Mansfield. **Traci Turner** (MEd, Educational Leadership and Policy Studies) is an assistant principal at Key Elementary School in Arlington.

2012

LaDonna Aiken (BA, Broadcast Communication) received a Dean's Award for Research Travel and traveled to Okinawa, Japan, in January. She is a part-time broadcast lecturer in the UTA Communication Department. **Jenna Coffaro** ('12 BS; '14 MARCH, Architecture) is an architectural designer with Bennett Benner Partners Architects + Planners in Fort Worth. **Vanessa Fuentes** (BA, Criminology and Criminal Justice) attends Baylor Law School in Waco and plans to graduate in summer 2016. **Steven Hussain** (BS, Political Science) is community services director for the mayor of San Antonio. **Katy Kiger** (BA, Public Relations) is assistant brand marketing manager at LexisNexis, a provider of legal, government, business, and high-tech information sources in Raleigh, N.C. Previously she was marketing manager for Radio Disney in Charlotte, N.C. **James Merkel** ('12 BS, '13 MS, Aerospace Engineering) is a flight-test engineer at Airbus Helicopters in Grand Prairie. **Sonia Salas** (BA, Broadcast Communication) won a 2014 Lone Star Emmy in the Promotion, News Promo category. She is a media specialist for Univision 23 Dallas/Fort Worth. **Samantha Watson** (BA, Public Relations, Broadcast Communication) is public relations coordinator and social media specialist at Half Price Books in Dallas.

2013

Caitlyn Barbee (BA, Spanish/English) is a campus missionary intern for the UTA Baptist Student Ministry. The internship is provided by Go Now Missions, a ministry of Texas Baptists. **Ryan Barfoot** (BS, Exercise Science) is a student in the Doctor of Physical Therapy program at Texas Woman's University. **Adam Bell** (MEd, Educational Leadership and Policy Studies) is an assistant principal at Ellis Elementary School in Arlington. **David Christopherson** (BS, Exercise Science) is a student in the Doctor of Physical Therapy program at the Texas Tech University Health Sciences Center. **Jeff Gibbons** (MFA, Art) received a Masterminds award from the *Dallas Observer* for his work on Deep Ellum Windows. **Amber Govan** (BA, Public Relations/Advertising) is a social media specialist at JC Penney. **Tiffany Jackson** (BA, Communication Technology) is the creative director for Fishbowl Radio California. **Katey McFarlan** (BA, Public Relations) is a fashion blogger at chroniclesoffrivolity.com. *Chronicles of Frivolity* is part of an affiliate advertising program. **Travis Merrell** (BA, Journalism) is a producer/editor for NewsFix on CW33-TV in Dallas. He also tutors in the Arlington Independent School District. **Kristin Milam** (BS, Aerospace Engineering) is an associate flight-test analysis engineer at Airbus Helicopters in Grand Prairie. She is the only woman among the 12 teammates in the experimental flight-test department. **Sara Scarborough** (BA, Public Relations) is special events coordinator at Tyler Junior College. **Emily Stafford** (MA, Communication) is senior brand marketing manager at Sabre Hospitality Solutions. **Vitaly Voinov** (PhD, Linguistics) wrote *Politeness Devices in the Tuvan Language (Turcologica)*, a book

based on his doctoral dissertation. **Andrew Wilson** (BS, Civil Engineering) was named the 2015 Edmund Friedman Young Engineer of the Year by the Fort Worth branch of the American Society of Civil Engineers. An engineer in training, he works with the hydraulics and hydrology group at Peloton Land Solutions in Fort Worth. **Allie Warren Woldtvedt** (BA, Broadcast Communication) is a morning anchor at KMTR-TV in Eugene, Ore.

2014

Avery Anderson (BA, Broadcast Communication) is a multimedia journalist at KTAB-TV in Abilene. **Elin Andersson** (BA, Political Science/French) is pursuing a master's degree in development studies at the Graduate Institute of International and Development Studies in Geneva, Switzerland. **Anna Marie Boyd** (BFA, Theatre Arts) was cast in *Rudolph the Red-Nosed Reindeer: The Musical* on tour with Wishing Star Productions. **Kevan Gerabagi** (BA, Communication Technology) is a quality assurance analyst at Santander Consumer USA, which specializes in automotive financing for dealers and consumers. **Hieu Hoang** (BA, Advertising) is a junior graphic designer at Atomic Design and Consulting in Plano. **David Kline** (BA, Broadcast Communication) is a news producer for KVLV-TV in Fargo, N.D. **Natonya Medford** (BA, Public Relations) is a representative for Plan B PR, a Dallas-based firm focused on fashion and entertainment. **Jesus Silva** (BA, Advertising) is a communication assistant at the Fort Worth Better Business Bureau. **Chris Thipavong** (BA, Communication Technology) is an inside software service specialist at Omnitrac, a mobile technology company. **D'Andrea Willis** (BA, Public Relations) is an internal communications contributor at Sabre.

In Memoriam

1940s

Lloyd Clayton Clark Jr. ('42 AA, Journalism), 91, Nov. 17, 2014 in Paradise Valley, Ariz. Mr. Clark was a reporter for *The Dallas Morning News* and a reporter and editor for the *Phoenix Gazette*. He later worked for the northern Arizona councils of government and the Arizona Department of Transportation. While at North Texas Agricultural College (now UTA), he was editor of *The Shorthorn* and ROTC battalion commander. He was inducted into the UTA Military Hall of Honor in 1998. **Nancy Patterson Kirchhof** ('46 AA, Liberal Arts), 87, June 7, 2014 in Canton, Ga. Ms. Kirchhof was a homemaker, raising two children. She had three grandchildren and a great-granddaughter.

1950s

William Lee Hughes Jr. ('50 AA, Liberal Arts), 83, March 9 in Arlington. Judge Hughes was an attorney with Cantey Hanger LLP. He was appointed judge of the 48th District Court in Tarrant County, serving for 10 years before retiring. He was named a UTA Distinguished Alumnus in 1990.

1960s

Calvin Edward Foster ('63 BA, Economics), 81, Feb. 19 in Arlington. Mr. Foster was an industrial engineer at General Motors for 36 years. He was a founder of the Arlington Softball Association. **Dana Jo Hale** ('68 BBA, Business Administration), 68, March 17 in Arlington. Ms. Hale worked for Airborne/DHL for 33 years. She was an original member of UTA's Zeta Tau Alpha sorority.

1970s

David Russell Baker ('70 BS, Mechanical Engineering; '73 BBA, Business Administration), 76, Jan. 30 in Quitman. Mr. Baker retired as a project engineer after 38 years at Bell

Helicopter. **Emory Thomas Fletcher Jr.** ('72 BBA, Management), 76, Oct. 25, 2014 in Arlington. Mr. Fletcher retired as executive vice president and treasurer after 41 years with Martin Sprocket & Gear in Arlington. **Jane P. Harlow** ('73 BA, '77 MA, French), 88, Oct. 30, 2014 in Fort Worth. Ms. Harlow taught French for 32 years at White Lake Private School, The Oakridge School, Tarrant County College, and UT Arlington. She was a lecturer in French in the UTA Department of Modern Languages from 1995-2006. **Roy Leonard Anderson Jr.** ('76 BBA, Business Administration), 67, March 18 in Arlington. Mr. Anderson retired as director of corporate purchasing after a 36-year career at Alcon Laboratories in Fort Worth. He was a member of Phi Delta Theta fraternity at UTA. **William C. Holbert Jr.** ('77 BS, Criminal Justice), 60, Nov. 18, 2014 in Cleburne. Mr. Holbert was an auto theft detective with the Fort Worth Police Department, retiring in 2012 after 31 years of service. **Susan Largent** ('79 BFA, Art; '80 MA, English), 58, March 30 in Fort Worth. Ms. Largent taught in the Arlington Independent School District for 29 years. **Carol Schlesinger** ('79 BA, Speech), 58, April 5 in Arlington. Ms. Schlesinger taught Spanish for 28 years in the Arlington Independent School District.

1980s

Betsey Rardin Bark ('80 BA, English), 76, Nov. 15 in Burleson. Ms. Bark was a teacher at St. Maria Goretti Catholic School in Arlington and Nolan Catholic High School in Fort Worth. **David Stewart Thornton** ('80 BBA, Finance), 60, Nov. 29, 2014 in Bedford. Mr. Thornton retired from the federal government after 30 years of service, including 28 with the Internal Revenue Service. He was a member of the UTA Movin' Mavs wheelchair basketball team. **Sheryl**

Ann Connolly Hair ('81 BA, History), 57, Oct. 31 in Houston. Ms. Hair taught second grade at Dunn Elementary School in Arlington before serving as a counselor at Williams Elementary in Arlington. **Bobby Charles Deaton** ('82 MS, Geology), 78, Jan. 13 in Arlington. Dr. Deaton taught for 47 years at Texas Wesleyan University, wrote more than 60 academic papers, and was granted several patents. He was inducted into the Texas Amateur Athletic Federation Hall of Fame in 2008.

1990s

Addie C. "Kitty" Farrell ('91 BA, History/Elementary Education), 63, Feb. 1 in Fort Worth. Ms. Farrell taught at Alice Ponder and Mary Jo Sheppard elementary schools in the Mansfield Independent School District. **Bonnie Jean Karrer** ('92 BA, '95 MA, Spanish) 63, Jan. 7 in Bedford. Ms. Karrer retired in June 2014 as a lecturer in Spanish in the UTA Department of Modern Languages.

2000s

Frances Saperstein ('07 MED, Educational Leadership and Policy Studies), 86, Oct. 3 in Fort Worth. At 80 Ms. Saperstein was the oldest to receive a master's degree in ELPS. She taught special education students in California and Texas. **Amanda Rae Penry** ('08 BS, Social Work), 31, Feb. 5 in Fort Worth. Ms. Penry was an advocate for people with disabilities and volunteered in the community, including at the Salvation Army night shelter. She was a member of Student Congress at UTA. **Kimberly Louise Todd** ('09 MBA, Business Administration), 31, Nov. 24 in Dallas. Ms. Todd worked at Citicorp and was a mortgage support analyst and financial accounting support worker.

2010s

Karri Ann Hickman Barnett ('10 BS, Mathematics), 26, Nov.

26, 2014 in Arlington. Ms. Barnett was a math teacher in the Tomball Independent School District. **David Elkouri** ('12 BS, Social Work), 55, Feb. 23 in Benbrook. Mr. Elkouri worked for various 12-step recovery programs. He was in the band Blue Radio, which recorded an album in 2002.

Faculty/Staff

Clarence Coney "Chuck" Hall, 93, Dec. 30, 2014 in Arlington. Dr. Hall taught biology at UTA from 1962 until his retirement in 1992. Previously he taught at Samford University in Birmingham, Ala. **Ulrich O. Herrmann**, 89, Jan. 14 in Arlington. Dr. Herrmann taught physics at UTA from 1961 until his retirement in 1998. He was responsible for bringing the astronomy program and the first planetarium to the University. **Barbara Butler Hibbard**, 91, Jan. 5 in Arlington. Ms. Hibbard worked 26 years as a departmental secretary in the College of Engineering. After retirement in 1988, she stayed active with the UTA Retirees Club, serving as president in 2000. **Jerry Isler**, 53, Jan. 11 in Clovis, N.M. Mr. Isler was the head women's basketball coach at UTA from 1989 to 1992. He also coached at New Mexico high schools in Grady, Clovis, and Elida, as well as at New Mexico Junior College and McMurry University. **Duane R. Martin**, 81, Jan. 24 in Arlington. Dr. Martin was a UTA psychology professor from 1965-2000. He also founded the Dallas Jazz Society and co-hosted a long-running radio jazz show on KERA-FM. **Cal Reimer**, 83, Jan. 11 in Arlington. Mr. Reimer was a UTA assistant football coach from 1967-74. He left coaching to teach in the UTA Kinesiology Department, retiring in 1997. Prior to UTA, he worked at schools in Kansas City, Coffeyville, Peabody, and Abilene, Kan. See more *In Memoriam* at uta.edu/uta-magazine/in-memoriam.



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FRANCE MEIER

Professor Emeritus France Meier died Feb. 17 in Arlington. He was 86. Dr. Meier joined the UTA Department of Industrial, Manufacturing, and Systems Engineering as an assistant professor in 1965 and became a full professor in 1969. He served as the department chair from 1969-74 and retired in 2000. Under his leadership, the department developed graduate programs and awarded its first master's and Ph.D. degrees. In 1984 he received the Distinguished Service Award from the American Institute of Industrial Engineers.



THOMAS PORTER

Professor Emeritus Thomas Porter died Feb. 13 in Arlington. He was 87. Dr. Porter was dean of the UTA College of Liberal Arts from 1978-93. He was also an English professor, teaching courses in Shakespeare, English and American literature, film, drama, religious studies, and Latin. Before coming to UTA, he served in the priesthood and was dean of arts and sciences at the University of Detroit. He wrote two books and numerous scholarly articles. After retiring in 2004, he received the title of professor emeritus and volunteered as an English teacher at St. Ignatius College Prep School in Chicago.



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Past Ransom Hall, Circa 1960



The winter of 1960 saw a particularly powerful snowstorm hit North Texas dropping 10 inches of the white stuff in some places. While it's not clear if that particular storm accounted for this wintry photo of Ransom Hall, which at that time housed the University's administration offices, Evelyn Barker, director of marketing and communications for UTA Libraries, says the air conditioners perched in a few windows help date the photo to around 1960. This image is one of thousands of campus photos

in UTA Libraries Special Collections, a treasure trove of the University's past mined by Barker and librarian Lea Worcester for their new book *The University of Texas at Arlington*. The 128-page paperback, published by Arcadia Publishing's Campus History Series, chronicles UTA's history through three centuries and eight name changes as it evolved into a model, urban research institution that will educate more than 55,000 students this year.