

WELCOME NEW FACULTY

..... FALL 2018



BOLD SOLUTIONS | GLOBAL IMPACT

UNIVERSITY OF TEXAS  ARLINGTON

A MESSAGE FROM THE PRESIDENT



Dear Colleagues,

Welcome to The University of Texas at Arlington. The start of a new academic year is always a time of excitement with enthusiasm for new chapters that are being opened and that will unfold in the lives of our students through the year, and the expectation of bright futures enabled through education. You, our new faculty, join tremendously talented peers at The University of Texas at Arlington dedicated to our mission to educate and prepare, to not just impart knowledge, but to transform the lives of students, families, and communities through the enablement of social mobility. We bear the responsibility of continuing to strengthen the social fabric of the University community while caring for the wellbeing, growth, and safety of our students.

You join a wonderful and unique institution, one that has a storied heritage and legacy that can be traced back to the formation of Arlington College in 1895. But as The University of Texas at Arlington, formed by an act of the legislature in 1967, we are still a young institution and with that youth we have a vibrancy, a “can do” attitude, and pages that have yet to be written. Unlike what happens when one joins a well-established university with traditions that go back a century or more, where one is expected to neatly fit into a small space on an already crowded landscape, you are joining an institution that is still writing its history with space for each of you to create something wonderful and leave a tremendous imprint through your scholarship, research, creative activity, and success. We look to you to help guide our future, to put wind in our sails, and sprint to levels of achievement others only dream about.

I am very excited to welcome you here and I look forward to the many contributions that you will make to your students, to your field, and to the University as a whole. Thank you for being here and welcome again to The University of Texas at Arlington.

Sincerely,



Vistasp M. Karbhari

President

A MESSAGE FROM THE PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS



Welcome to The University of Texas at Arlington! We are thrilled that you have joined the Maverick family, and we are confident that you will help us make our already thriving urban research institution even more exceptional.

You will find our university offers many resources, programs, and opportunities to our faculty. We seek to help you become productive and successful scholars in your chosen fields, including teaching, research, service, and clinical care. We hope you will embrace all that UTA has to offer. Let me know if I may be of service to you.

Again, welcome to UTA. We're glad you're here!



Teik C. Lim

Provost and Vice President for Academic Affairs

FOUR GUIDING THEMES

The *Strategic Plan 2020: Bold Solutions | Global Impact* is driven by four overarching themes: health and the human condition, sustainable urban communities, global environmental impact, and data-driven discovery.



HEALTH AND THE HUMAN CONDITION

UTA focuses on health and the human condition from distinct yet broadly encompassing vantage points. We explore health management within physical, mental, emotional, and social contexts. Health innovations are distinguished by diagnostic, prognostic, and technological advancements that help people live longer, healthier, and happier lives.



SUSTAINABLE URBAN COMMUNITIES

UTA fosters sustainable urban communities through a focus on the natural, built, economic, cultural, and social environments. Learning from the past and present to ensure a sustainable future, we examine and interpret demographic changes and the broad spectrum of human capital.

These themes guide UTA on a path to unprecedented excellence in research, teaching, and community engagement while encouraging collaboration and innovation across disciplines.



GLOBAL ENVIRONMENTAL IMPACT

UTA addresses critical issues that affect our planet, including climate change, energy, water, natural disasters, and pollution. By analyzing global population dynamics, we are developing an understanding of our world—and solutions for its problems—through avenues ranging from environmental economics to history.



DATA-DRIVEN DISCOVERY

UTA focuses on research that integrates big data from multiple fields and develops analytics and science that explore data from a wide variety of sources. We use data to discover and share new knowledge, as well as enhance current knowledge.

COLLEGE OF ARCHITECTURE, PLANNING, AND PUBLIC AFFAIRS

ADRIAN PARR, DEAN



ADRIAN PARR

Dean, Professor

Ph.D. Philosophy & Cultural Studies, Monash University, Australia
M.A. Politics & Philosophy, Deakin University, Australia
B.A. Philosophy, Deakin University, Australia

Dr. Parr engages in research and activism focused on raising awareness of climate change, sustainability, and the future of cities. In 2013, she was appointed as UNESCO Co-Chair of Water Accessibility and Sustainability. Three years later, Parr produced, wrote, and narrated her first documentary, *The Intimate Realities of Water*, which was screened at numerous independent film festivals in the United States and went on to win 13 awards. Before joining UTA, she served as the director of the University of Cincinnati's Taft Research Center.

RESEARCH INTERESTS: Water politics, public interest design, theories of sustainability, climate change politics, cultural criticism, feminist theory



GUOQIANG SHEN

Professor, Program Director
Planning

Ph.D. City & Regional Planning, Ohio State University
M.S. LARC, Beijing University
MCRP, The Ohio State University
B.Arch, Tsinghua University, China

Dr. Shen's scholarly research is funded through multiple grants totaling approximately \$15 million over the past 10 years. He has broad research interests and creative activities in urban transportation planning, urban spatial analysis, GIS, freight transportation and logistics, applied operations research, regional science, risk analysis, performance measures of ecosystem services and landscapes, urban design and physical planning, real estate development, and comparative international urban and planning issues (particularly in the U.S. and China).

RESEARCH INTERESTS: Sustainable, healthy, and smart cities from transportation, socioeconomic, spatial, physical planning, and design perspectives



JIWON SUH

Assistant Professor
Public Affairs

Ph.D. Public Affairs–Nonprofit Management,
University of Texas at Dallas
M.B.A., Korea University–Seoul
B.S. Statistics, Dongduk Women's University,
South Korea

Dr. Suh worked in the nonprofit sector for five years before deciding to pursue a Ph.D. to develop new approaches for improving nonprofit management. Her interests are focused on the external environment threats and internal problems that hinder nonprofit organizations from achieving their missions. She was recognized as the 2018 UT Dallas Outstanding Ph.D. student for the Public and Nonprofit Management program, and received the Emerging Scholar Award at the Association for Research on Nonprofit Organizations and Voluntary Action's 2017 annual conference.

RESEARCH INTERESTS: Public and nonprofit management, performance management, human resource management, strategic management, nonprofit marketing, finance accountability

COLLEGE OF BUSINESS

HARRY DOMBROSKI, DEAN



EZGI AKAR

Visiting Assistant Professor
Information Systems &
Operations Management

Ph.D. Management Information Systems, Bogazici University, Turkey
M.A. Management Information Systems, Bogazici University, Turkey

Dr. Akar is interested in the connections that we seek through online platforms. Her publications include an analysis of factors affecting a user's behavior when using Twitter, cloud computing, and the intentions of a consumer's purchases online. Before joining UTA, Akar conducted research with the SMU School of Engineering, as well as the UT Dallas School of Management.

RESEARCH INTERESTS: Data analytics, social network analysis, online consumers, cloud computing, human-computer interaction



HARRY DOMBROSKI

Dean

B.A. Business, University of Texas at Arlington

Dean Dombroski brings more than 30 years of industry experience to his new academic role. He led the development and implementation of critical financial processes at Hunt Consolidated Inc. In addition to managing Hunt's capital and investment decisions, Dombroski led several financing and business development initiatives, including the acquisition of Pacific Enterprise Oil company, the approximately \$1 billion expansion of the Company's Tuscaloosa refinery and placement of \$100 million corporate (HCI) revolver facility.

RESEARCH INTERESTS: Development of internships and job opportunities for business students, online learning tools, private industry partnerships with higher education



YUN FAN

Assistant Professor
Accounting

Ph.D. Business Administration–Accounting, University of Oklahoma
M.B.A., University of Scranton
B.S. Management, Beijing Information Science & Technology University

Dr. Fan's primary research interests are capital market-based accounting issues, including the misclassification of financial statement information. She joins UTA from the University of Houston, where she published in high-quality, peer-reviewed academic journals and participated in the AAA/Deloitte Foundation Trueblood Seminar for Professors.

RESEARCH INTERESTS: Capital market-based accounting research, misclassification of financial statement information, portfolio approach to earnings management, voluntary disclosures



THOMAS GRACA

Clinical Professor
Management

J.D., Southern Methodist University
Ph.D. Education, Texas A&M Commerce
M.Ed., University of Texas at Arlington
M.S. Management, Harvard University

A licensed attorney and counselor, as well as a certified human resources professional, Dr. Graca served as the assistant dean of academic affairs at Harvard Law School, providing comprehensive management of all faculty appointments. He has vast experience as a higher education Title IX compliance officer and in university human resource management.

RESEARCH INTERESTS: Assessment, education law, education governance, higher education accreditation, human resources management, employment law



ALISON HALL

Assistant Professor
Management

Ph.D. Business Management, Tulane University
B.S. Psychology, Florida A&M University

Dr. Hall's expertise is in diversity management, and her research is cross-disciplinary, engaging with social psychology and sociology as she examines the stigmatization of ex-offenders in the workplace, racial bias in law enforcement, and gendered influence in the workplace. She recently published a critical review in the influential *Academy of Management Annals* (2017). Hall was selected for a prestigious two-year UTA Provost Postdoctoral Fellowship in 2014.

RESEARCH INTERESTS: Quantitative social research, social psychology, organizational psychology, industrial organization, leadership and business management, prejudice and stereotyping



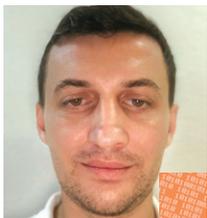
SCOTT JOHNSON

Lecturer
Information Systems &
Operations Management

M.S. Management Information Systems, University of Texas at Dallas
B.S. Communications, Dallas Baptist University

Johnson has more than 13 years of experience as a systems developer and analyst, serving as a manager and technical lead for projects with FedEx, Sabre, and the state of Texas. He has won accolades for his teaching, including computer structure and logic and network administration.

RESEARCH INTERESTS: Corporate training, project management, systems consolidation



LEVENT KUTLU

Visiting Assistant Professor
Economics

Ph.D., Economics, Rice University
M.Stat, Rice University
M.S. Economics, Istanbul Bilgi University, Turkey
B.S. Mathematics, Bogazici University, Turkey

Before coming to UTA, Dr. Kutlu worked at the Georgia Institute of Technology, where he taught econometrics, statistics, and industrial organization courses. A prolific scholar, his most recent publications focus on market power measurement, efficiency analysis, and price discrimination issues.

RESEARCH INTERESTS: Econometrics, empirical industrial organization, productivity, stochastic frontier analysis, market power, panel data



CHIEN LE

Clinical Assistant Professor
Marketing

Ph.D. Marketing, University of Texas at Arlington
M.S. Marketing Research, University of Texas at Arlington

Dr. Le brings more than 20 years of marketing experience to the classroom, focusing on the creation of databases and analytics for marketing research. He has also completed numerous marketing and research projects involving transportation issues, housing, continuing education programs, and data analysis of customer demographics.

RESEARCH INTERESTS: Customer relationship management, campaign management, data science, analytics



HEATHER PHILIP

Clinical Assistant Professor
Marketing

Ph.D. Marketing, University of Canterbury,
New Zealand
B.S. Commerce–Marketing, University of Canterbury,
New Zealand

Dr. Philip's research focuses on e-commerce, including websites that foster collaborative swapping and renting between peers. She published work on the rise of the sharing economy, collaborative consumption, and the motivation for engaging in this new type of sustainable materialism.

RESEARCH INTERESTS: Collaborative consumption, e-commerce, relationship marketing, gamification, motivation, sustainable materialism, advertising, ethics, mixed-methods research



JAYARAJAN SAMUEL

Assistant Professor
Information Systems &
Operations Management

Ph.D. Management Science–Information System,
University of Texas at Dallas

M.B.A., University of Dallas

M.S. Computer Science & Engineering, University of
Texas at Arlington

Dr. Samuel's research includes resolving a common problem faced by software vendors: to correctly signal the true value of a software product to the end-users, including choosing the right features to include in a demonstration. He has also published work on the value of showrooms in consumer search and purchase.

RESEARCH INTERESTS: Information systems



**MARWAN
AL-SHAMMARI**

Visiting Assistant Professor
Management

Ph.D. Strategic Management, University of Texas at
Arlington

M.B.A., Indiana University

B.S. Managerial Science–Finance, Yarmouk University,
Jordan

Dr. Al-Shammari's research focus is the psychological characteristics of CEOs and their effects on key organizational outcomes. He publishes on corporate social responsibility (CSR), its determinants, and its organizational outcomes, as well as the various dynamics through which firms engage in CSR activities.

RESEARCH INTERESTS: Strategic management, international business strategies, corporate social responsibility, business ethics, culture, management



**MAHYAR
SHARIF VAGHEFI**

Assistant Professor
Information Systems &
Operations Management

Ph.D. Management Information Systems, University of
Wisconsin–Milwaukee

M.S., Management Information System, KN Toosi
University of Technology, Iran

B.S. Computer Software Engineering, Asad University,
Tehran

Dr. Vaghefi's research focuses on online social networks, including detecting communities of interest in social media platforms. His work also explores the connections individuals make outside virtual networks. His future research topics include analyzing the effect of geographical location on the success of online deals and assessing the impact of a friend's posted images on the healthy and unhealthy behavior of individuals in online networks.

RESEARCH INTERESTS: Business analytics, data visualization, e-business, information systems, marketing



LINDA WILSON

Senior Lecturer
Marketing

M.B.A., University of Texas at Arlington

Wilson has a diverse background in various aspects of the marketing field, including retail management, retail buying, advertising, business administration, and personal selling. She has worked in higher education for the past two decades as an educator, adviser, and media services professional. She is a faculty fellow for Beta Gamma Sigma.

RESEARCH INTERESTS: Marketing, business communications

COLLEGE OF EDUCATION

TERESA TABER DOUGHTY, DEAN



MARIO MARTINEZ

Professor & Chair
Educational Leadership &
Policy Studies

Ph.D. Educational Leadership, Arizona State University
M.B.A., University of Texas at Austin
B.A. Electrical Engineering, New Mexico State University

Formerly the vice chancellor of strategy and innovation for the National University System, Dr. Martinez brings a wealth of experience to his role as chair of the Educational Leadership and Policy Studies Department. He previously earned full professor rank at the University of Nevada–Las Vegas. An expert in educational leadership, online education, and service delivery in higher education, Martinez is a founding partner of Soft Skills Professional, a company that provides online and on-site training to higher education professionals.

RESEARCH INTERESTS: Higher education innovation, strategy, policy



JOHN ROMIG

Assistant Professor
Curriculum & Instruction

Ph.D. Education–Special Education, University of Virginia
M.Ed. Special Education–Learning Disabilities, Clemson University
B.S. Special Education, Bob Jones University

Dr. Romig's background as a special education teacher and high school learning specialist informs his research on people with disabilities. He is interested in the effects of multimedia professional development on teachers and their development of inclusive vocabulary instruction, as well as the use of podcasts for professional development of science teachers.

RESEARCH INTERESTS: Curriculum-based measurement writing instruction for secondary students with disabilities, instructional modeling



COLLEGE OF ENGINEERING

PETER CROUCH, DEAN



WILLIAM BEKSI

Assistant Professor
Computer Science &
Engineering

Ph.D. Computer Science, University of Minnesota–Twin Cities

M.S. Computer Science, University of Minnesota–Twin Cities

B.S. Mathematics & Computer Science, Stevens Institute of Technology

Dr. Beksi acquired valuable experience as a robotics engineer in Technology Organization at iRobot, where he spearheaded a project to create synthetic 3D scenes. He is interested in exploring the nascent Internet of Things, especially in the areas of privacy and security, time-varying network latency and quality of service, and effective handling of big data.

RESEARCH INTERESTS: Robotics, computer vision, artificial intelligence, applied topology



ANIMESH CHAKRAVARTHY

Associate Professor
Mechanical & Aerospace
Engineering

Ph.D. Aeronautics & Astronautics, Massachusetts Institute of Technology

M.S. Aerospace Engineering, Indian Institute of Science

B.S. Mechanical Engineering, Bangalore University, India

Dr. Chakravarthy's interests include the development of analytical guidance features in autonomous vehicles to improve their precision when navigating potentially hazardous conditions. Before joining UTA, he earned tenure at Wichita State University, where he brought in more than \$2.4 million in funding from a variety of agencies, including NASA, the FAA, the U.S. Air Force, and the National Science Foundation (including a prestigious CAREER award). He also earned an excellence in teaching award from the Kansas Board of Regents.

RESEARCH INTERESTS: Dynamics and control, robotics, autonomous systems, bio-inspired and morphing aircraft, cyber-physical systems



MICHELLE HUMMEL

Assistant Professor
Civil Engineering

Ph.D. Environmental Engineering, University of California–Berkeley

M.S. Environmental Engineering, University of California–Berkeley

B.S. Civil Engineering, Case Western University

Dr. Hummel worked as an intern with the Ohio Environmental Protection Agency and MWH Global, an international wet infrastructure and water engineering company. She also participated in research projects studying the impact of forest fires on mercury binding in soils and analyzing the distribution of worldwide regulatory standards for chlorophenol contamination in surface soils. Most recently, Hummel worked at the Argonne National Lab to assess critical infrastructure vulnerability to sea level rise. She earned a fellowship from the Hydro Research Foundation.

RESEARCH INTERESTS: Improving flood hazard modeling in urban areas, assessing the interactions between natural and engineered systems in the context of a changing climate



MOHAMMAD ISLAM

Assistant Professor
Computer Science &
Engineering

Ph.D. Electrical & Computer Engineering, University of California–Riverside
B.S. Electrical Engineering, Bangladesh University

Dr. Islam's unique research approach involves examining maliciously timed power loads to overload the infrastructure capacity of data systems, creating outages and resulting in multimillion-dollar losses. His publication topics include investigating the timing of attacks on multitenant data centers, strategies for increasing power infrastructure, and ways to develop market approaches for handling power emergencies affecting multitenant data centers.

RESEARCH INTERESTS: Cyber-physical systems, computer architecture, security, secure and efficient operation of multitenant data centers (“colocation”)



MING “KATE” LI

Assistant Professor
Computer Science &
Engineering

Ph.D. Electrical & Computer Engineering, Mississippi State University
M.E. Computer Engineering, Beijing University of Posts and Telecommunications

Dr. Li's research is on privacy and cybersecurity. Her work is funded through three National Science Foundation grants, serving as PI for one focused on privacy-preserving mobile crowd sensing. She blends her research with her teaching, engaging students on current research on security and privacy in mobile computing and cellular networks. Her research was recognized by IEEE with a best paper award in 2017.

RESEARCH INTERESTS: Privacy and security, cybersecurity economics, crowd and social sensing, cyber-physical systems, wireless networks



NARGES SHAYESTEH MOGHADDAM

Assistant Professor
Mechanical & Aerospace
Engineering

Ph.D. Mechanical Engineering, University of Toledo
M.S. Mechanical Engineering, University of Toledo

Dr. Moghaddam is an entrepreneur and a researcher. Her research addresses some of our nation's most pressing issues in understanding the underlying mechanics of novel materials and employing them to improve and design new, more effective versions of implants. She is an inventor with a U.S. patent, the technology for which RegenFix has received investment to commercialize.

RESEARCH INTERESTS: Memory alloys (SMAs), patient-specific implants, 3D printing of plastics and polymers



Shirin Nilizadeh

Assistant Professor
Computer Science &
Engineering

Ph.D. Security Informatics, Indiana University
Bloomington
M.S., Information Technology, Amirkabir University
of Technology, Iran

Dr. Nilizadeh's research focuses on security and privacy in the context of systems and social networks using techniques from machine-learning and big-data analytics. She served as a postdoctoral fellow in SecLab at the University of California–Santa Barbara and in CyLab at Carnegie Mellon University.

RESEARCH INTERESTS: Computer security and privacy in the context of systems and social networks using techniques from machine-learning and big-data analytics



DEOK GUN PARK

Assistant Professor
Computer Science &
Engineering

Ph.D. Computer Science, University of Maryland–
College Park
M.S. Interdisciplinary Engineering, Purdue University
M.S. Biomedical Engineering, Seoul National
University

Dr. Park conducts research on visual analytics for comment analysis in digital platforms, as well as wearable health care. His work seeks to provide tools that allow for an overview of comments and to create custom rankings support for moderators and editors. In this era of bots and rogue advertising, his work allows for more accuracy in assessing public opinions and protecting digital democracy.

RESEARCH INTERESTS: Visual analytics, human-computer interaction, machine-learning, scaling up human ability to solve open-ended tasks in text mining



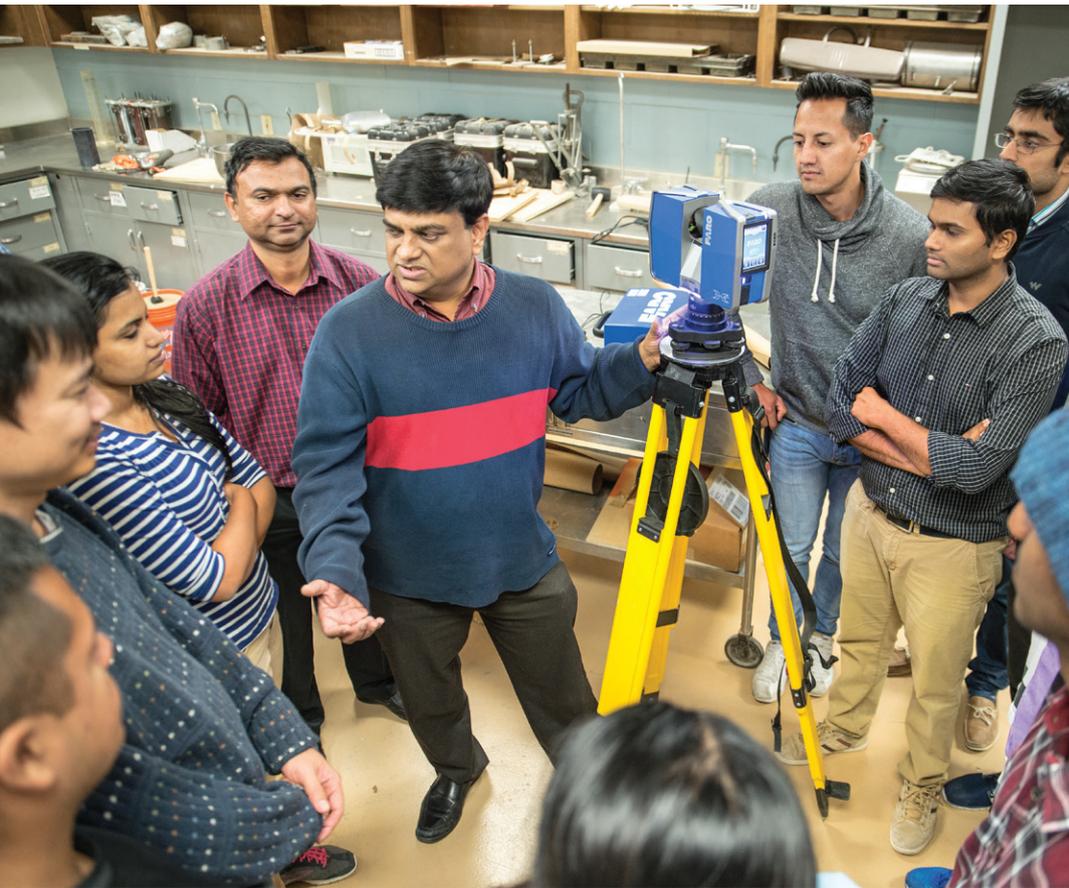
KYEONG ROK RYU

Assistant Professor of
Instruction
Civil Engineering

Ph.D. Architecture–Construction Management, Texas
A&M University
M.B.A. Finance, Sogang University, Korea

Dr. Ryu brings research experience in the management of roadway construction projects and real estate development and assessment to his new role. His research focuses on models for performance impacts of alternative delivery and contracting methods in transportation rehabilitation projects.

RESEARCH INTERESTS: Performance management of transportation infrastructure improvement projects, sustainable infrastructure, financing and procurement for public roadway projects



SUNAND SANTHANAGOPALAN

Lecturer
Mechanical & Aerospace
Engineering

Ph.D. Mechanical Engineering, Michigan
Technological University

M.S. Mechanical Engineering, Michigan Technological
University

Dr. Santhanagopalan served as interim director of the Multi-Scale Energy Systems Laboratory at UTA, investigating new approaches to developing scalable nanofabrication and nanomaterial synthesis, manipulation, and control techniques for alternative energy storage/conversion technologies. His research was funded through several National Science Foundation grants.

RESEARCH INTERESTS: Nano-architected electrodes, electrophoretic deposition, development of high-power supercapacitor electrodes, scalable nanomanufacturing



WEN "WENDY" SHEN

Assistant Professor
Mechanical & Aerospace
Engineering, Institute for
Predictive Performance
Methodologies

Ph.D. Materials Engineering, Auburn University
M.S. Probability & Statistics, Auburn University
B.S. Material Science & Engineering, Shanghai Jiao
Tong University

Dr. Shen is an IEEE Fellow who most recently worked as a senior research engineer at the Singh Center for Nanotechnology at the University of Pennsylvania. She collaborated with three teams to win a two-year National Institutes of Health grant to research neuroelectrodes. She also led the device development team and successfully collaborated with five research groups to develop intracortical microelectrodes.

RESEARCH INTERESTS: Micro/nano-manufacturing; MEMS/NEMS; smart materials and devices; biomedical and implantable devices, sensors, and systems



KATHLEEN SMITS

Associate Professor
Civil Engineering

Ph.D. Environmental Science, Colorado School of
Mines
M.S. Civil Engineering, University of Texas at Austin
B.S. Environmental Engineering, U.S. Air Force
Academy

During her five years at the Colorado School of Mines, Dr. Smits studied natural gas leakage from oil and gas production into the environment. She received a National Science Foundation CAREER Award in 2015, for which she focused on advancing the science and education of land surface-atmosphere interactions. She was recognized as a Colorado School of Mines excellence in teaching award winner in 2016. Smits served as PI on six grants totaling \$2.6 million and as co-PI on grants totaling \$1.5 million, with three grants under review.

RESEARCH INTERESTS: Shallow subsurface multiphase process affected by heat and mass flux dynamics, hydrological processes occurring near the earth's surface, geoenvironmental problems



SHUO (LINDA) WANG

Assistant Professor
Mechanical & Aerospace
Engineering

Ph.D. Systems Science and Mathematics, Washington
University–St. Louis
M.S. Electrical Engineering, Washington University–
St. Louis

Dr. Wang's work focuses on optimal control of large-scale complex systems, such as brain dynamics, synchronization of biological processes, spiking neurons, and cancer chemotherapy. She recently published research on optimal control for cancer chemotherapy under tumor heterogeneity, and is working on research on seizure detection.

RESEARCH INTERESTS: Computational mathematics and algorithms (pseudospectral and iterative method, etc.), data-driven and statistical analysis (sparse analysis, scalable, and parallel computing), optimal (ensemble) control



YAWEN WANG

Assistant Professor of
Research
Mechanical & Aerospace
Engineering

Ph.D. Mechanical Engineering, University of Cincinnati
M.S., Mechanical Engineering, University of Cincinnati

Dr. Wang is affiliated with the Vibro-Acoustics and Sound Quality Research Lab at UTA. His research is focused on vehicle NVH (noise, vibration, and harshness) and vibro-acoustic modeling. He has supported the Hypoid and Bevel Gear Mesh and Dynamic Modeling Consortium since 2010 and led the development of HGSim software package.

RESEARCH INTERESTS: Gear noise, structural dynamics, automotive NVH



HAO XU

Senior Lecturer
Bioengineering

Ph.D. Biomedical Engineering, University of Texas at Arlington
M.S. Biomedical Engineering, Zhejiang University, China

After receiving his Ph.D. in biomedical engineering, Dr. Xu joined UT Southwestern Medical Center as a postdoctoral research fellow and later as an instructor, working on translational and clinical cardiovascular research. He has published work on nanotechnology in tissue engineering and regenerative medicine.

RESEARCH INTERESTS: Endothelial cells, vascular biology



MICHAEL ZARESTKY

Associate Professor
Civil Engineering

M.Arch, University of Oregon–Eugene
B.A. Art History, University of North Carolina–Chapel Hill

Professor Zarestky is a licensed architect and a LEED-accredited professional who is deeply engaged in research, teaching, and practice in public interest design, humanitarian design, and passive/bio-climatic design strategies. Before arriving at UTA from the University of Cincinnati, he won the National Council of Architectural Registration Boards Prize for Creative Integration of Practice and Education in the Academy.

RESEARCH INTERESTS: Sustainable design, culturally responsive design, appropriate technology, zero-energy design

COLLEGE OF LIBERAL ARTS

ELISABETH CAWTHON, DEAN



CHANGHEE CHUN

Morgan Woodward
Distinguished Professor in
Film
Art & Art History

M.F.A. Film Production, University of North Carolina–Greensboro

Professor Chun joins UTA from Ithaca College's highly ranked film and video program. In 2015-16, he served as a Fulbright Senior Scholar. Chun has created over 50 television documentaries, commercials, corporate videos, Korean pop music videos, and independent films. He has received recognition from numerous film festivals, including the International Film Festival and Film Fan Awards, and his work has been featured on PBS.

RESEARCH INTERESTS: Personal aesthetics and principles of filmmaking by studying theoretical background of film



MOLLY CUMMINS

Lecturer
Communications

Ph.D. Speech Communication, Southern Illinois University

M.A. Speech Communications, Southern Illinois University

Dr. Cummins brings extensive teaching experience to UTA, as well as applied experience as the former director of the Speakers Center at Southern Illinois University, where she worked with students to address communication apprehension. Her research focuses on developing a critical pedagogy of care in the university classroom through instructional communication.

RESEARCH INTERESTS: Critical communication pedagogy, epistolary dialogue



ROGER GANS

Assistant Professor
Advertising/Integrated
Marketing

Ph.D. Communications, University of Albany
B.A. Social Relations, Cornell University

Dr. Gans brings more than 25 years of experience as a copywriter, creative director, and communications consultant to industries across the country. He has a strong background in developing marketing campaigns for health, education, hospitality, finance, and new business development. He is also experienced at writing scripts for videos, speeches, and presentations.

RESEARCH INTERESTS: Strategic communications, integrated cross-media campaigns, communications audit and research



JUSTIN GINSBERG

Assistant Professor
Art & Art History

M.F.A., Glass, University of Texas at Arlington

Ginsberg learned his craft from practicing artists by traveling the country before completing his degree at UTA. He recently completed residencies at West Texas A&M, the Corning Museum of Glass, the Tacoma Museum of Glass, and Wheaton Arts. The prestigious Kunstpalast Museum in Düsseldorf, Germany, acquired one of his works for its permanent collection.

RESEARCH INTERESTS: Questioning the known and orderliness, bringing context to the unknown and chaotic



ESTEBAN "STEVE" GOMEZ

Senior Lecturer
Criminology & Criminal
Justice

**M.S. Bioscience Management, George Mason
University**

B.S. Microbiology, University of Texas at El Paso

Gomez has more than 25 years of experience with law enforcement as an officer with the El Paso Police Department and a special agent with the FBI, including the FBI Laboratory, Forensic Section, and Hazardous Evidence Response Team. He is certified as an FBI firearms instructor.

RESEARCH INTERESTS: Law enforcement integration of technology, weapons of mass destruction investigations, hazardous materials forensic operations



ZERITA HALL

Senior Lecturer
Criminology & Criminal
Justice

M.S.S.W., University of Texas at Arlington

After more than 20 years in law enforcement, including serving as a senior district parole officer in Texas, Hall will teach full time at UTA, sharing her experience in various areas within the community and school districts regarding families, at-risk children, inmates, and ex-offenders.

RESEARCH INTERESTS: Advocacy, re-integration, prevention, intervention



JACK BRANDON PHILIPS

Lecturer
Political Science

M.P.A., University of Texas at Arlington

Philips seeks to connect his research to public service through a variety of methodological approaches. He most recently presented a program evaluation to the Parkland Center for Clinical Innovation on the integration of the IRIS software. He also developed an analysis of customer government satisfaction for the city of Kennedale.

RESEARCH INTERESTS: Nonprofit advocacy, fundraising, nonprofit solutions for Latinos



DELAINA PRICE

Robnett Assistant Professor
of History
History

Ph.D. History, Yale University
M.A. African-American Studies, Yale University
M.Ed., Harvard University

Dr. Price's research focuses on African-American business enterprises. She was awarded several fellowships for graduate study from the Gilder Lehrman Center for the Study of Slavery, Resistance, and Abolition at the Whitney and Betty MacMillan Center for International and Area Studies, as well as a Bloomfield Fellowship and a John F. Enders Fellowship and Research Grant. An accomplished teacher, Price taught in Dallas schools for more than 30 years before obtaining her Ph.D.

RESEARCH INTERESTS: Entrepreneurialism between the end of reconstruction and the beginning of the Great Migration of 1910, African-American slavery, abolition



MENGQI "MONICA" ZHAN

Visiting Assistant Professor
Communication

Ph.D. Organizational & Intercultural Communication,
University of Maryland–College Park
M.A. Public Relations, University of Miami

Dr. Zhan's interests including situational crisis communication, the cost of employee dissent in organizations, and understanding the public in social media information-sharing networks. Her most recent research focuses on the impact of cultural diversity in project teams and its effect on collective performance. Zhan was recently awarded the top student paper award at the International Communication Association–Public Relations Division.

RESEARCH INTERESTS: Organizational communication, employee communication, content analysis, communication theory

COLLEGE OF NURSING AND HEALTH INNOVATION

MARY “BETH” MANCINI, SENIOR ASSOCIATE DEAN



KYRAH BROWN

Assistant Professor
Kinesiology

Ph.D. Psychology, Wichita State University
B.A. Psychology, Spelman College

Dr. Brown brings extensive experience in working with community nonprofits, including those focused on health and education. She spent two years as a postdoctoral research associate with Kansas' Sedgwick County Health Department on program evaluation, grant management, and technical assistance to staff. A qualitative researcher, Brown's published work includes evaluations of competency-based health training programs.

RESEARCH INTERESTS: Health disparities, maternal and child health, program planning and evaluation



XIANGLI GU

Assistant Professor
Kinesiology

Ph.D. Kinesiology, Louisiana State University
B.S. Sport Pedagogy & Psychological Science, East China Normal University

Dr. Gu's research agenda aims to develop optimal school-based intervention programs that impact childhood obesity and promote cognitive health, especially in low-income minority groups. Before joining UTA, she was a junior faculty member at the University of North Texas, where she received five internal grants (PI) and two external grants (PI). She served as a 2017 SHAPE America Research Fellow.

RESEARCH INTERESTS: Achievement motivation in physical activity and health promotion, behavioral mechanisms of childhood obesity



JESSICA SMITH

Assistant Professor
Nursing (Undergraduate)

Ph.D. Nursing, University of Wisconsin-Milwaukee
B.S.N., Texas Christian University

Dr. Smith served as a postdoctoral fellow in the Center for Health Research and Policy Outcomes at Penn State University. She has clinical experience in adult critical care, medical surgical, and psychiatric nursing. Her published work includes an analysis of nursing work environment and incivility in hospitals, and of nursing care disparities in neonatal units.

RESEARCH INTERESTS: Missed nursing care, nurse leadership, nurse staffing, peer-to-peer RN coworker incivility, collective efficacy



ZIYAD BEN TALEB

Assistant Professor

Kinesiology

Ph.D. Epidemiology, Florida International University
M.P.A., Florida International University
Diploma in Occupational Medicine and Health,
University of Pretoria
M.D., University of Tripoli

Dr. Taleb is a postdoctoral fellow in the Department of Epidemiology at Florida International University. He is also a Fulbright Scholar with extensive training in public health and medicine. He is interested in the epidemiology of tobacco use and smoking cessation with a focus on investigating patterns and trends of novel tobacco product use, such as hookahs and e-cigarettes. He has also been involved in research regarding gun violence and prevention.

RESEARCH INTERESTS: E-cigarette marketing tactics, poly-tobacco use among youth, nicotine dependence symptoms in adolescent waterpipe smokers





venu VARANASI

Associate Professor
Nursing (Graduate)

Ph.D. Chemical Engineering, University of Florida
M.S. Chemical Engineering, University of Florida

Before joining UTA, Dr. Varanasi worked at Texas A&M's College of Dentistry, where his lab was designed to incorporate aspects of bone biology for enhancing implant design for improved bone healing. His research to date has received funding from several National Institutes of Health grants. He is also involved in developing new coursework that integrates his background in chemical engineering and his current experiences in dental and craniofacial research, including a nanotechnology course. He has postdoctoral training in biomaterials and bioengineering from the University of California–San Francisco.

RESEARCH INTERESTS: Bioactive glasses in bone regeneration, bone biology, long-term attachment of bone for implants



JINGSONG ZHOU

Professor and Associate
Director
Kinesiology

Ph.D. Physiology & Biophysics, Rush University
Diploma of Medicine, Hunan Medical University,
China

Dr. Zhou's career path was set when, as a young student, she watched her mother's colleague struggle with ALS. Her team at Kansas City University's Area Life Science Institute recently made a breakthrough in understanding this disease by looking at the connection between a bacterial imbalance in the gastrointestinal tract and the progression of ALS. Her research has received funding from six National Institutes of Health grants and the ALS Association.

RESEARCH INTERESTS: Defective mitochondria in ALS; the "cross talk" between defective cells in muscle, gut, and bone



COLLEGE OF SCIENCE

MORTEZA KHALEDI, DEAN



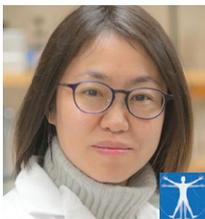
BRETT HUNTER BALL

Assistant Professor
Psychology

Ph.D. Cognitive Psychology, Arizona State University
M.S. Psychology, University of Georgia
B.S. Psychology, University of Georgia

Prior to joining UTA, Dr. Ball was a postdoctoral research scholar at the Cognitive Control and Aging Lab at Washington University–St. Louis. His research on human cognition focuses on the cognitive processes involved in several interrelated aspects of learning and memory. Ball's work draws on traditions from experimental psychology, differential psychology, mathematical modeling, and neuroscience to empirically investigate these different aspects of memory.

RESEARCH INTERESTS: Memory and attention, cognitive aging



HE DONG

Associate Professor
Chemistry & Biochemistry

Ph.D. Chemistry & Biochemistry, Rice University
M.S. Analytical Chemistry, Tsinghua University, China

Dr. Dong's research program lies at the interface of chemistry, materials science, and biology, with an emphasis on molecular self-assembly and supramolecular chemistry of soft matter nanomaterials. Her current research is primarily focused on the supramolecular assemblies based on peptides, proteins, and polymers. The goal is to fundamentally understand specific molecular interactions involved in natural proteins and utilize the knowledge acquired to guide the synthesis and assembly of manmade materials as protein mimics.

RESEARCH INTERESTS: Nanomaterials for drug and gene delivery, de novo peptide and protein mimetic design, supramolecular chemistry, antimicrobial and cell-penetrating peptide design and self-assembly, hydrogel biomaterials, tissue engineering



LUKE FRISHKOFF

Assistant Professor
Biology

Ph.D. Biology, Stanford University
B.A. Biology, Reed College–Portland

Dr. Frishkoff is an evolutionary ecologist focused primarily on how human impact on the environment is reshaping the evolutionary dynamics of life on Earth. His research lab is focused on understanding why some species prosper while others fail when confronted with anthropogenic change through biogeographic, eco-physiological, and community approaches. He joins UTA after completing a prestigious EEB Postdoctoral Fellowship at the University of Toronto. He also received a National Science Foundation Doctoral Dissertation Improvement Grant.

RESEARCH INTERESTS: Ecological mechanisms, anthropocene biogeography, phylogenetic community ecology, community statistical models



GERARD KOFFI

Lecturer
Mathematics

Ph.D. Mathematics, University of Iowa
B.S. Mathematics, University of Massachusetts–Boston

While in graduate school at the University of Iowa, Dr. Koffi specialized in representation theory, ring theory, and finite dimensional algebra. A native of Ivory Coast, he earned the highest scholarships to study math and physics at one of the top high schools in that country. His commitment to show “the beauty of math” to students led him to help found USTARS (Underrepresented Students in Topology and Algebra Research Symposium), serving as editor of the annual proceedings.

RESEARCH INTERESTS: Characterization of finite dimensional algebras that are incidence algebras or deformations of incidence algebras



AMIR SHAHMORADI

Assistant Professor
Physics

Ph.D. Physics, University of Texas at Austin
M.S. Physics, Michigan Tech University

Dr. Shahmoradi is a computational scientist and researcher. Previously, he worked on developing multiscale models of tumor growth at UT Austin’s Institute for Computational Engineering and Sciences. As a cross-disciplinary scientist, his research experience ranges from examining the subatomic world of elementary particles to the microscopic world of biological macromolecules. He also worked on high-energy astrophysics and cosmology at Michigan Tech University.

RESEARCH INTERESTS: Mathematical modeling of tumor growth



LEILI SHAHRIYARI

Assistant Professor
Physics, Data Science

Ph.D. Mathematics, Johns Hopkins University
M.S. Computer Science, Johns Hopkins University
M.S. Mathematics, Sharif University of Technology, Iran

Dr. Shahriyari is completing a postdoctoral fellowship at the Mathematical Biosciences Institute of Ohio State University. She also served as a postdoctoral scholar at the Institute of Genomics and Bioinformatics at the University of California–Irvine. As an interdisciplinary scholar, she collaborates with biologists, physicians, and mathematicians to systematically employ a combination of machine-learning and statistical methods as well as mathematical techniques to arrive at unique, personalized cancer therapies.

RESEARCH INTERESTS: Mathematical biology, stochastic processes, data analytics, DNA computing



DANIEL WELLING

Assistant Professor
Physics

Ph.D. Atmospheric & Space Sciences, University of Michigan–Ann Arbor
B.S. Physics, Northern Michigan University

Dr. Welling's research has been funded by National Science Foundation grants as he developed his research on magnetohydrodynamics and space weather. He completed a postdoctorate at the Los Alamos National Lab in New Mexico, where he worked on numerical simulations of the near-Earth space environment with a focus on examining the sources of magnetospheric plasma.

RESEARCH INTERESTS: Space weather development, the use of satellites to accurately map the spatial distribution of ionospheric outflow



ELIJAH WOSTL

Lecturer
Biology

Ph.D. Quantitative Biology, University of Texas at Arlington
B.A. Ecology & Evolutionary Biology, University of Colorado–Boulder

As a biologist, Dr. Wostl is interested in the diversity and distribution of organisms, particularly amphibians and reptiles, and in investigating the underlying factors that have shaped each of them. In practice, this translates into a wide realm of study encompassing taxonomy, systematics, phylogeography, ecology, evolution, speciation, and conservation.

RESEARCH INTERESTS: Morphology, genomic data, species distribution modeling



SCHOOL OF SOCIAL WORK

SCOTT RYAN, DEAN



RYON COBB

Assistant Professor
Social Work

Ph.D. Sociology, Florida State University
M.S. Sociology, Florida State University
B.A. Secondary Education, Indiana University–
Bloomington

Dr. Cobb comes to UTA from the Andrus Gerontology Center at the University of Southern California, where he was an NIA Postdoctoral Fellow in the Multidisciplinary Research Training in Gerontology Program. His research works toward a more integrated science and examines how one's racial identification combines with individual risk and resilience factors to affect health. Cobb examines how racial identification influences the social determinants of health and illuminates the psychological and biological pathways that link interpersonal forms of discrimination to cardiometabolic disease.

RESEARCH INTERESTS: Race and ethnicity, sociology of religion, social inequality, health and aging, medical sociology, quantitative research methods



ZHEN CONG

Associate Professor,
Associate Dean for Research
& Faculty Affairs
Social Work

Ph.D. Gerontology, University of Southern California

Dr. Cong joins UTA from Texas Tech, where she conducted research on multilevel factors of relocating individuals after tornado disasters, older adults and intergenerational transfers, the psychological impact and exchanges of support among family members after Hurricane Sandy, and predictors for warning information sources during tornadoes.

RESEARCH INTERESTS: Aging, disaster research, intergenerational relationships, social support, family, older adults' health and mental health



**JANDEL
CRUTCHFIELD**

Assistant Professor
Social Work

Ph.D. Social Work, Louisiana State University
M.S.W, Florida State University

Dr. Crutchfield examines the role of school social workers in charter schools. She engages school social workers through interviews, surveys, and focus groups to understand how they navigate new roles in the growing number of charters across the country. She also conducts research and training on cultural competency, with the often-overlooked concept of colorism within the interpersonal experiences of clients and the professional work of social workers. Crutchfield is a licensed clinical social worker.

RESEARCH INTERESTS: School social work, charter schools and social workers, colorist microaggressions



MAXINE DAVIS

Assistant Professor
Social Work

M.S.W., Dominican University
M.B.A., Dominican University
B.A. Psychology, University of Missouri

Assistant Professor Davis' work centers on intimate partner violence and abuse. She also looks at the health and wellbeing of Black-American and Latinx populations and community-based participatory research. She and her co-authors recently published the article "Gender Differences in Experiences of Social Support Among Men and Women Releasing from Prison" in the *Journal of Social and Personal Relationships*.

RESEARCH INTERESTS: Intimate partner violence/abuse perpetration (ipv/a), partner abuse intervention programs, batterer treatment and prevention, religious and spiritual abuse in ipv/a, community-based participatory research, culturally relevant psychometric measurement, Black-American and Latinx populations



GENEVIEVE GRAAF

Assistant Professor
Social Work

Ph.D. Social Work, University of California–Berkeley
M.S. Marriage & Family Studies, University of Illinois–Urbana-Champaign,
M.S.W., University of Illinois–Urbana-Champaign,
B.F.A., University of Illinois–Urbana-Champaign,

Dr. Graaf comes to UTA from the University of California–Berkeley, where she worked as an assistant researcher with the Mack Center on Nonprofit and Public Sector Management in Human Services. Her work centers on child mental health policy, specifically as it relates to accessing high-quality and effective mental health care for seriously emotionally disturbed youth and their families. Prior to her doctoral studies, Graaf engaged in over five years of professional practice.

RESEARCH INTERESTS: Child mental health policy, evidence-based practice



BRIDGETTE HARRIS

Assistant Professor of
Practice
Social Work

Ph.D. Social Work, Jackson State University
M.S.W., University of Texas at Arlington

Dr. Harris' research is focused on mental health and its impact on classroom behavior and academic achievement. She brings approximately 17 years of experience as a therapist, specializing in children and adolescents. Her approach is to engage children in implementing cognitive behavioral therapy to increase academic achievement and decrease deviant behavior.

RESEARCH INTERESTS: Student achievement, recidivism rates, women in prison, at-risk youth



DARLENE HUNTER

Assistant Professor of
Practice
Social Work

Ph.D. Family Studies, Texas Women's University
M.S.W., University of Texas at Arlington
B.A. Psychology, University of Arizona–Tucson

Upon completing her Ph.D., Dr. Hunter started a curriculum development firm that designs online education programs for educational institutions. She is the Dallas-Fort Worth Regional Coordinator for Veterans Community Programs, Texas Regional Paralympic Sport. Her interest in adapted sports is both professional and personal. A confirmed athlete, Hunter was a member of the national women's wheelchair basketball team and participated in world championships, Parapan American Games, and the Paralympics. She coaches the Dallas Junior Wheelchair Mavericks in her spare time. Her research focuses on community programs and adapted sports.

RESEARCH INTERESTS: Family studies, adapted sports, community building in an online environment



**KYONGWEON
"KATHY" LEE**

Assistant Professor
Social Work

Ph.D. Social Work, Ohio State University
M.S.W, Washington University–St. Louis

Dr. Lee seeks to understand the impact of productive engagement (volunteering, working, and caregiving) on the physical and mental health of vulnerable older adults, particularly those with physical and cognitive disabilities. She has received funding from private donors and nonprofits to further her work, which also seeks to determine the impact of race/ethnicity and socioeconomic status on productive aging.

RESEARCH INTERESTS: Older adults with cognitive impairment, dementia, non-pharmacological interventions, aging policy, health disparities



REBECCA MAULDIN

Assistant Professor
Social Work

Ph.D. Social Work, University of Houston
M.S.W., University of Houston
B.A. Political Science, University of North Carolina–Chapel Hill

Dr. Mauldin studied social networks, social support, gerontology, and generosity at the University of Houston. Her research interests encompass social relationships in long-term care facilities, aging-in-place and community development initiatives, organizational collaboration, local currencies, and time banking. Collaborative in nature, Mauldin enjoys community practice, program development, and coalition building.

RESEARCH INTERESTS: Social gerontology, social networks, generosity, and social support in relation to physical and mental health, assisted living facilities, and residents



TERESA MCINTYRE

Professor
Social Work

Ph.D., Clinical Psychology, Georgia State University
M.A., Clinical Psychology, Georgia State University
M.Ed., Community Counseling, Georgia State University

Dr. McIntyre has developed her work in the field of clinical and health psychology in the U.S., Portugal, and Europe. She has diverse experience in teaching, research, and practice in health psychology, with international recognition. She had a leading role in the development of health psychology in Portugal—having pioneered the first master's and doctoral programs in the country—and in health psychology in Europe as a member of the executive committee and president of the European Health Psychology Society.

RESEARCH INTERESTS: Health psychology, stress and illness, mental health, work stress in educators and health professionals, health promotion, women's health, pain and suffering, trauma, PTSD



DIANA PADILLA

Assistant Professor
Social Work

Ph.D. Social Work, New York University
M.S.W. Social Work Advanced Clinical Practice,
Columbia University
M.A. Human Rights, Columbia University
B.A. Political Science, University of Puerto Rico–
San Juan

Dr. Padilla comes to UTA from the University of Puerto Rico–Rio Piedras, where she was an assistant professor and coordinator of the family and children practice area. Previously, she worked as a junior research scientist at the NYU School of Social Work and as a psychiatric social worker at the Puerto Rican Family Institute. She also worked as a consultant for the Congregation Mita Office of Social Work in San Juan, Puerto Rico.

RESEARCH INTERESTS: Interpersonal violence in Latin America, Latin-American adolescents, family-based prevention interventions, decision-making in adolescents



MARIE SALIMBENE

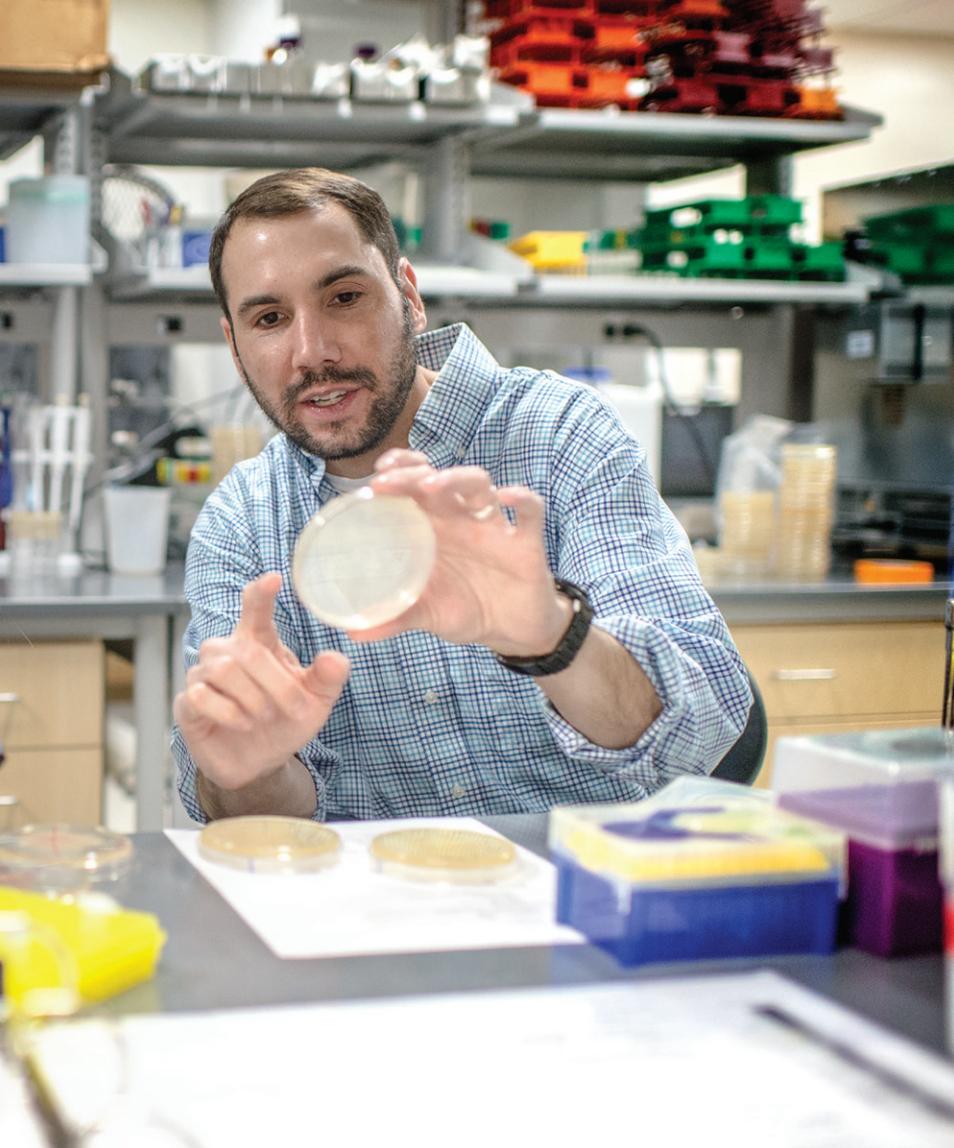
Assistant Professor in
Practice
Social Work

Ph.D. Social Work, Yeshiva University
M.S.W. Clinical Social Work, Adelphi University
Certificate, Clinical Social Work, New York University

Dr. Salimbene has extensive clinical experience as a therapist. She spent the last five years working with veterans at the Walter Reed National Medical Center, where she also supervised the internship program and the continuing education program for behavioral health and provided oversight of postgraduate curriculum on child, adolescent, and family practice.

RESEARCH INTERESTS: Ethics in behavioral health, police social work, veterans and child abuse, marital and domestic abuse





The University of Texas at Arlington community is committed to the advancement of knowledge and the pursuit of excellence. Realization of this commitment requires awareness and active participation by every member of the community. We achieve the goals of the University when we instill, nurture, and practice these six Principles of Community.



UNIVERSITY OF
TEXAS
ARLINGTON

The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit uta.edu/eos. For information regarding Title IX, visit uta.edu/titleix.