



# WELCOME NEW FACULTY

..... FALL 2017 .....



BOLD SOLUTIONS | GLOBAL IMPACT



THE UNIVERSITY OF TEXAS AT ARLINGTON





## A MESSAGE FROM THE PRESIDENT



Dear Colleagues,

Welcome to the University of Texas at Arlington, an institution of IDEAS, dedicated to *Innovation, Diversity, Excellence, Access, and Student Success*.

As you meet your new colleagues, explore the campus, and gain a sense of the vibrant and inclusive culture that is UTA, know that you are now a part of a strong community with a commitment to bridging access and excellence; one that is building a unique institution—the *model 21st-Century Urban Research University*.

We were recently named to the elite group of R-1: Doctoral Universities—Highest Research Activity as designated by the Carnegie Classification of Institutions of Higher Education. Last year we experienced record-breaking enrollment in Fall with over 39,700 Texas-based students and ended the 2016-17 academic year having served more than 58,600 students through degree programs offered globally through face-to-face and digital (online) modes of instructional delivery and graduated over 12,500 students at the baccalaureate, master's, and doctoral degree levels. Many of our graduate programs across all our colleges are ranked by *U.S. News & World Report* among the top in the nation. We continue to chart new directions for academe every day, and now you are a part of our exciting and impactful journey to *enabling a sustainable megacity through Bold Solutions and Global Impact*.

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.

Sincerely,

**Vistasp M. Karbhari**

President

## A MESSAGE FROM THE PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS



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



### 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.



### 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

RONALD ELSENBAUMER, INTERIM DEAN

**Diane Jones Allen**, ASSOCIATE PROFESSOR AND DIRECTOR OF LANDSCAPE ARCHITECTURE    
PLANNING AND LANDSCAPE ARCHITECTURE



- Ph.D. in Transportation Engineering, Morgan State University, 2014
- Principal Landscape Architect, Design Jones LLC, New Orleans, 2009-present
- Honors: UC Berkeley College of Environmental Design Distinguished Alumni (2017); Community Service Award, American Society of Landscape Architecture (2016); Board member, Landscape Architecture Foundation; recognized for her involvement in planning and design of the Lower 9<sup>th</sup> Ward after Hurricane Katrina, including charrettes with residents to redesign hospitals, housing, and the reappropriation of vacant lots for community gardens and other public uses.
- Research: Environmental justice, transportation planning, community engagement.

**Joowon Im**, ASSISTANT PROFESSOR    
PLANNING AND LANDSCAPE ARCHITECTURE



- Ph.D. in Architecture and Design Research, Virginia Polytechnic Institute and State University, 2016
- Honors: One of top three posters, CAUS Symposium at Virginia Tech (2016); Outstanding Graduate Teaching Assistant Award (2015); River City Vision Award (2010).
- Research: Green infrastructure, water-sensitive design and planning, sustainable design, fundamental design.



## COLLEGE OF BUSINESS

CHANDRA SUBRAMANIAM, INTERIM DEAN

### Wayne Crawford, ASSISTANT PROFESSOR

DEPARTMENT OF MANAGEMENT



- Ph.D. in Management, University of Alabama, 2015
- Assistant Professor, New Mexico State University, 2015-17
- Honors: Star Reviewer, Western Academy of Management (2017); Fulton Grant Award, NMSU College of Business (2016); University of Alabama Summer of Excellence in Research Award (2014); Minnie C. Miles HRM Endowed Scholarship Award; Outstanding Reviewer Award, Southern Management Association Conference (2013).
- Research: Research methods, quantitative analysis, impression management, work-family interface, organizational politics, leader-member exchange, organizational deviance.

### Koshy Joseph-Vaidyan, SENIOR LECTURER

DEPARTMENT OF INFORMATION SYSTEMS AND OPERATIONS MANAGEMENT



- Ph.D. in I.T. Management, Capella University, 2008
- Professor, Keller/DeVry University, 2006-17
- Research: Effectiveness and validity of leadership qualities in global organizations; I.T. project management; knowledge management in globalization, e-commerce, and consumer satisfaction.

### Cheryl McIntosh, VISITING ASSISTANT PROFESSOR

DEPARTMENT OF MANAGEMENT



- Ph.D. in Management, UTA, 2017
- Honors: Joseph Rosenstein Endowed Research Award (2015); Best International Paper Award, Academy of Management Conference (2013).
- Research: Status reproduction, demographics, definitions of career success, learning disabilities, work identity.

### Alper Nakkas, ASSISTANT PROFESSOR

DEPARTMENT OF INFORMATION SYSTEMS AND OPERATIONS MANAGEMENT



- Ph.D. in Economics, Vanderbilt University, 2010
- Associate Professor, Nova School of Business and Economics, 2014-17
- Honors: Fellow, INFORMS Future Academician Colloquium.
- Research: Operations management, supply chain management, game theory, network theory.

**David Rosser**, ASSISTANT PROFESSOR

DEPARTMENT OF ACCOUNTING



- Ph.D. in Business Administration, University of Arkansas–Fayetteville, 2017
- Honors: Distinguished Paper Award, AAA Southwest Region Meeting McGraw-Hill Education (2017); Distinguished Doctoral Fellow (2013-17); Fellow, AAA/Deloitte/J. Michael Cook Doctoral Consortium (2016).
- Research: Audit quality, financial reporting quality, corporate governance, CEO compensation.

**William Seeger**, CLINICAL PROFESSOR

DEPARTMENT OF ECONOMICS



- Ph.D. in Political Economy, UT Dallas, 1988
- President, QUANTECON Consulting, Plano, TX, 2014-17; Senior Economist, KPMG, 2008-14; Principal and Senior Economist, Pricewaterhouse Coopers, 2002-08
- Research: International transfer pricing economics, tax planning and compliance analysis for multinational corporations, valuation of intellectual property for tax purposes.



## COLLEGE OF EDUCATION

TERESA TABER DOUGHTY, DEAN

### Elizabeth Fleener, CLINICAL ASSISTANT PROFESSOR

DEPARTMENT OF CURRICULUM AND INSTRUCTION



- Ph.D. in Curriculum and Instruction, Texas Tech University, 2016
- Adjunct Professor, Texas A&M–Commerce, 2016-17
- Research: Elementary mathematics; teacher preparation; school administration, including math lead teacher, mentor/coach for pre-service and first-year elementary teachers.

### Ambra Green, ASSISTANT PROFESSOR

DEPARTMENT OF CURRICULUM AND INSTRUCTION



- Ph.D. in Special Education, University of Missouri, 2016
- Assistant Research Professor, University of Missouri, 2016-17
- Honors: State of Texas Highly Qualified Special Education Teacher Certification (2010-present); MU College of Education Commitment to Diversity Award (2015); MU College of Education Graduate Student Leader of the Year (2015); MU College of Education, Special Education, Graduate Student of the Year (2015).
- Research: Behavior disorders, positive behavior intervention and support, culturally relevant pedagogy.

### Brenda Harris, CLINICAL INSTRUCTOR

DEPARTMENT OF CURRICULUM AND INSTRUCTION



- Master of Public Administration, Texas Southern University, 1994
- Teacher Effectiveness Coordinator, Dallas ISD, 2014-17; Dean of Instruction, Thurgood Marshall High School, 2013-14; Dean of Instruction (Interim), Willowridge High School, 2010-11
- Honors: Stafford Municipal School District Teacher of the Year (1996).
- Research: Urban education, cultural competency and minority student performance, novice teacher's perception of effectiveness of professional development.

### Catherine Robert, ASSISTANT PROFESSOR

DEPARTMENT OF EDUCATIONAL LEADERSHIP AND POLICY STUDIES



- Ed.D. in Educational Leadership, UT San Antonio, 2017
- Research: Human resources topics, including employee misconduct, employee turnover, and policy implementation; database construction.

**Daniel Robinson**, PROFESSOR AND CHAIR

DEPARTMENT OF CURRICULUM AND INSTRUCTION



- Ph.D. in Education, University of Nebraska, 1993
- Director, Research and Measurement, Project 2021, UT Austin, 2015-17; Professor, Colorado State University, 2012-15
- Honors: Visiting Fulbright Scholar, Victoria University, New Zealand.
- Research: Educational technology innovations that may facilitate learning, team-based approaches to learning.

## COLLEGE OF ENGINEERING

PETER CROUCH, DEAN

**Harry Barnard**, SENIOR LECTURER

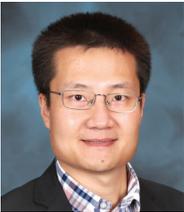
DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING



- Ph.D. in Aerospace Engineering, Kennedy-Western University, 1989
- Fellow, Lockheed Martin, Missiles and Fire Control, 1983-present; Senior Engineer, Texas Instruments, 1971-83
- Honors: Associate Fellow, American Institute of Aeronautics and Astronautics.
- Research: Design, analysis, and testing of guided missiles; pilotless aircraft; flight dynamics; aerodynamic heating analysis.

**Ye Cao**, ASSISTANT PROFESSOR

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING



- Ph.D. in Materials Science and Engineering, Pennsylvania State University, 2014
- Postdoctoral Research Associate, Oak Ridge National Laboratory, 2014-17
- Honors: Silver medal, 3<sup>rd</sup> International Symposium on Phase Field Method Posters (2014); Robert Newnham Award for Graduate Research Excellence (2013).
- Research: Mesoscale computational material sciences, ferroelectric stability.



## Christopher Chen, SENIOR LECTURER

DEPARTMENT OF BIOENGINEERING



- Ph.D. in Mechanical Engineering, University of Wisconsin–Madison, 1996
- Assistant Professor of Orthopaedic Surgery, UT Southwestern Medical Center, 2010-17; Postdoctoral Fellow, Weill Cornell Medical College, 1996-99
- Research: Musculoskeletal structures; mechanobiology in osteoarthritis; osteoporosis; musculoskeletal tissue regeneration (cartilage/bone-fracture healing) using in vitrosystems, animal models, and samples from patients.

## Ron Cross, SENIOR LECTURER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



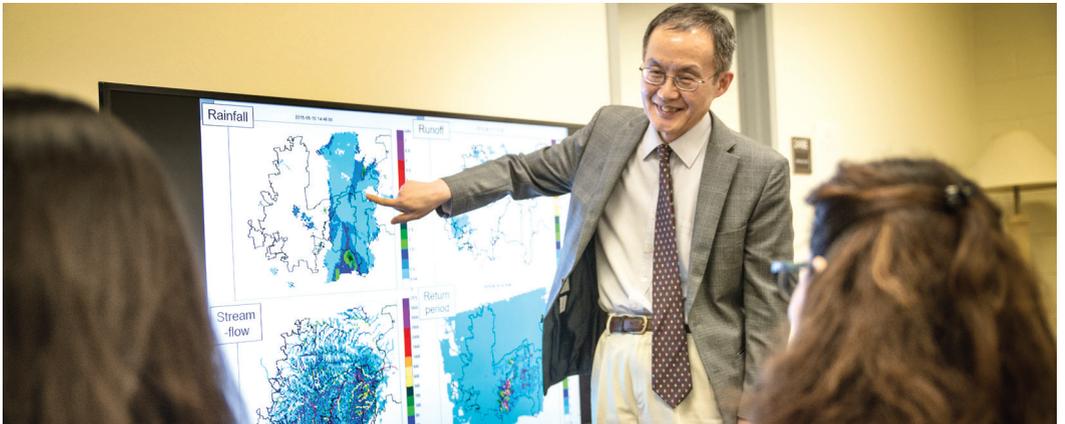
- M.B.A. in Engineering Management, Florida Institute of Technology, 1990
- Adjunct Professor, UTA, 2014-17; Director of Engineering, FMT, 2007-14; Senior Systems Engineer, Lockheed Martin, 1997-2005
- Research: Professional practices and software quality management, engineering economy, program management, software engineering.

## Rowena Eberhardt, SENIOR LECTURER

DEPARTMENT OF INDUSTRIAL, MANUFACTURING, AND SYSTEMS ENGINEERING



- D.Sc. in Systems Science and Mathematics, Washington University, 1996
- Senior Fellow Emeritus, Lockheed Martin F-35 Program, 2014-present; Senior Fellow, Lockheed Martin, 2010-13
- Research: Performance-based logistics business analysis, decision analysis process frameworks, system software technical baseline, production engineering.



**Michael Fairchild**, LECTURER 

DEPARTMENT OF CIVIL ENGINEERING



- Master of Architecture, UTA, 1977
- Managing Member, MwF Buildsmith LLC, 2010-present; Vice President–Construction, Fairfield Development, 2001-10; Senior Project Manager, Harwood International, 2000-01; Vice President–Construction, Bristol Hotels and Resorts, 1995-99
- Research: Construction management.

**Shawn Gieser**, SENIOR LECTURER  

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



- Ph.D. in Computer Science, UTA, 2017
- Research Intern, Veterans Affairs North Texas Health Care System, 2015-present
- Research: Virtual rehabilitation techniques, upper extremity rehabilitation, virtual reality games for analyzing range of motion.





## Vamsikrishna Gopikrishna, SENIOR LECTURER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



- Ph.D. in Computer Science, UTA, 2016
- Adjunct Professor, UTA, 2016-17
- Research: Pattern recognition, neural networks, computer vision, machine learning, artificial intelligence.

## Mamoon Hammad, SENIOR LECTURER

DEPARTMENT OF CIVIL ENGINEERING



- Ph.D. in Civil Engineering, Concordia University, 2001
- Chair, Civil Engineering Technology and Logistics Engineering Programs, Higher Colleges of Technology, Abu Dhabi, 2016-17; Associate Professor, Abu Dhabi University, 2009-16; Assistant Professor, George Washington University, 2001-06
- Research: Structural and space utilization in K-12 schools, durability of infrastructure, monitoring the health of bridges using Smart Sensor Technology, real-time performance reporting for construction projects.

## Kathy Hays-Stang, LECTURER

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING



- Ph.D. in Mechanical Engineering, UTA, 2002
- Adjunct Professor, UTA, 2012-15
- Honors: Best Technical Presentation, Graduate Student Technical Conference, ASME Region X Meeting (1997); Gerald Smith Scholarship.
- Research: Microscale heat transfer, optical probes as linear device, line receiver of ultrasound.

## Himan Hojat Jalali, SENIOR LECTURER

DEPARTMENT OF CIVIL ENGINEERING



- Ph.D. in Civil Engineering, Sharif University of Technology, 2015
- Adjunct Professor, UTA, 2016-17; Structural Engineer, Ahab Company, Saudi Arabia, 2014-15
- Honors: Research Fellow, Ministry of Science, Research, and Technology for Iran (2012).
- Research: Earthquake engineering, structural health monitoring, nonlinear analysis of structures, seismic design of nonstructural components.



**Kyung "Kate" Hyun**, ASSISTANT PROFESSOR  

DEPARTMENT OF CIVIL ENGINEERING



- Ph.D. in Civil and Environmental Engineering, University of California–Irvine, 2016
- Assistant Project Scientist, University of California–Irvine, 2017
- Honors: 1<sup>st</sup> place poster, University of California Transportation Center Student Conference (2014).
- Research: Intelligent transportation systems, highway monitoring and operation, safety and environmental research, freight planning and operation, sensor location, environmental justice.

**Chen Kan**, ASSISTANT PROFESSOR  

DEPARTMENT OF INDUSTRIAL, MANUFACTURING, AND SYSTEMS ENGINEERING



- Ph.D. in Industrial and Manufacturing Engineering, Pennsylvania State University, 2017
- Honors: Best Paper finalist, Quality Control and Reliability Engineering Division, IIE Annual Conference (2016); NSF Travel Grant for IIE Annual Conference (2015); Best Paper finalist, Process Industries Track, IIE Annual Conference (2015).
- Research: Wireless sensing systems and network theory for large-scale IOT-based monitoring, modeling, and control of complex systems, with applications for advanced manufacturing and smart health.

**Ghassan Khankarli**, SENIOR LECTURER 

DEPARTMENT OF CIVIL ENGINEERING



- Ph.D. in Public Affairs, UT Dallas, 2009
- Director, Transportation Planning and Development, Texas Department of Transportation, 2014-16; Assistant North Region Director, Texas Department of Transportation, 2009-14
- Research: Transportation assets policy, truck-rail intermodal flows, international trade, state infrastructure.

**Dukhyun Kim**, SENIOR LECTURER 

DEPARTMENT OF ELECTRICAL ENGINEERING



- Ph.D. in Electrical Engineering, Georgia Institute of Technology, 1998
- Application Engineer, SoluM America Inc., 2015-17; Director of Application Engineering, Samsung Electro-Mechanics, 2012-15; Principal Engineer, Samsung Electro-Mechanics, 2006-12; Engineer, Innovative Solutions International, 2003-06; Member, Technical Staff, Lucent Technologies, 1999-2003
- Honors: Samsung Humantech Thesis Prize (bronze).
- Research: Wireless and mobile communications, signal processing, system engineering for system-on-chip and integrated circuits design.



**Won Hwa Kim**, ASSISTANT PROFESSOR    
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



- Ph.D. in Computer Science, University of Wisconsin–Madison, 2017
- Honors: Doctoral Consortium Travel Award, Computer Vision and Pattern Recognition (2016).
- Research: Multi-resolution analysis of data for applications in brain imaging, machine learning, and computer vision; developing novel methods to facilitate analysis of neurodegenerative brain disorders toward mechanisms for diagnosis, discovering new treatments, and design of new studies; applied harmonic analysis; statistical image analysis.

**Ramakrishna Koganti**, LECTURER    
DEPARTMENT OF INDUSTRIAL, MANUFACTURING, AND SYSTEMS ENGINEERING



- M.S. in Quality Systems, Eastern Michigan University, 1997; M.S. in Applied Science, Concordia University, 1990
- Adjunct Professor, UTA, 2014-17; Executive Director of Innovation and Transformation Center, JPS Health Network, 2013-15; Director of Business Operational Excellence, Baylor Health Care System, 2011-13; Process Improvement Officer, U.S. Army, White Sands Missile Range, 2010-11; Project Manager, Research and Advanced Engineering, Ford Motor Company, 1995-2009
- Honors: Commander's Award for Civilian Service for Process Improvement, U.S. Army Civil Service (2011).
- Research: Materials development and testing; product testing; mechanical, industrial, lean manufacturing, and quality engineering; local and global product development and supply chain.



**Caroline Krejci**, ASSISTANT PROFESSOR   
DEPARTMENT OF INDUSTRIAL, MANUFACTURING, AND SYSTEMS ENGINEERING

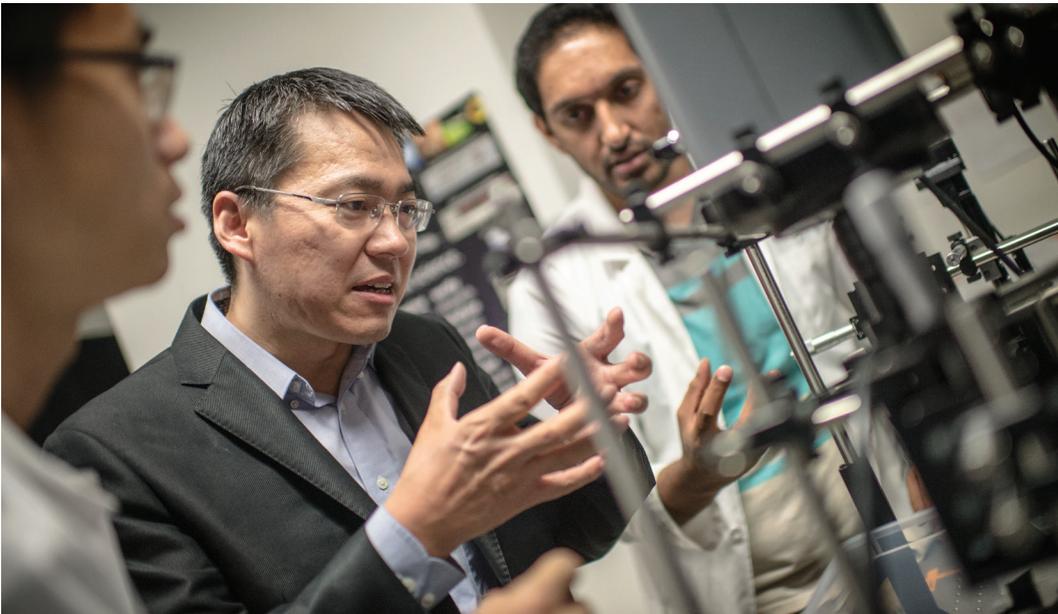


- Ph.D. in Industrial Engineering, University of Washington, 2013
- Assistant Professor, Iowa State University, 2014-17
- Honors: Invited to University of Oxford Environmental Change Institute Food Systems Modelling Workshop (2016), UW Industrial and Systems Engineering Outstanding Graduate Student Award (2012), UW SWE Outstanding Female Industrial and Systems Engineering Graduate Student (2012).
- Research: Simulation modeling framework for regional food hubs, assessing values-based sourcing strategies in regional food supply networks, humanitarian relief chain coordination.

**Juhyun Lee**, ASSISTANT PROFESSOR   
DEPARTMENT OF BIOENGINEERING



- Ph.D. in Bioengineering, University of California–Los Angeles, 2016
- Researcher, Cardiovascular Engineering Research and Light-Sheet Imaging Laboratory, University of California–Los Angeles, 2016-17
- Honors: Harry Showman Prize for best UCLA engineering Ph.D. student (2016); Notable Korean Scientist, BRIC (2016).
- Research: Mechanotransduction of cardiac morphogenesis by integrating advanced imaging with zebrafish genetics with physiological significance to congenital heart diseases; understanding pathophysiological significance of congenital heart disease, such as left-ventricular noncompaction cardiomyopathy or hypoplastic heart syndrome.





**Adrian Rodriguez**, LECTURER 

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING



- Ph.D. in Mechanical Engineering, UTA, 2014
- Mechanical Engineer, Clovis Research, 2013-17
- Honors: Fellow, Louis Stokes Alliance for Minority Participation Bridge to the Doctorate (2010-12).
- Research: Multibody dynamics, contact and impact with friction, automation, robotics.

**Samantha Sabatino**, ASSISTANT PROFESSOR  

DEPARTMENT OF CIVIL ENGINEERING



- Ph.D. in Civil Engineering, Lehigh University, 2017
- Honors: P.C. Rossin Doctoral Fellow, Lehigh University (2014); Graduate Engineering Student Achievement Award, University of Mississippi (2011).
- Research: Lifetime management of civil and marine infrastructure, computational frameworks to assess risk- and sustainability-informed choices in life-cycle engineering, big-data analysis, performance monitoring of critical infrastructure.

**Kendra Wallis**, SENIOR LECTURER 

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING



- Ph.D. in Physics, Texas Christian University, 2008
- Physics Discipline Coordinator, Professor of Physics, Eastfield College, 2013-17; Adjunct Professor, TCU, 2012; Distance Education Physics Instructor, Hill College, 2009-14
- Honors: DCCCD STEM Institute Faculty Fellow (2015-16).
- Research: Kinetics of nanostructured silicon carbide.

**Dajiang Zhu**, ASSISTANT PROFESSOR  

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



- Ph.D. in Computer Science, University of Georgia, 2014
- Postdoctoral Scholar, University of Southern California, 2014-17
- Honors: NIH Travel Award (2015); Best Ph.D. Thesis Award, University of Georgia.
- Research: Brain imaging, computational neuroscience, machine learning, big-data solutions for medical data analysis.



## COLLEGE OF LIBERAL ARTS

ELISABETH CAWTHON, DEAN

### **Omobolanle Fenny**, SENIOR LECTURER

DEPARTMENT OF CRIMINOLOGY AND CRIMINAL JUSTICE



- Ph.D. in Criminology, University of Dallas, 2017 (expected)
- Honors: Archer Graduate Fellowship (2015).
- Research: Juvenile delinquency, gender, intimate partner violence, religion.

### **Kimberly Harper**, LECTURER

DEPARTMENT OF POLITICAL SCIENCE



- M.A. in Political Science, UTA, 2010
- Adjunct Professor, Tarrant County Community College, 2010-17
- Honors: Thomas Cowan Bell Award, Theta Kappa (2017); Award of Excellence, UTA Political Science Department (2010).
- Research: Modern mayors and their political lives, progressive politics.

### **Cynthia Laborde**, ASSISTANT PROFESSOR

DEPARTMENT OF MODERN LANGUAGES



- Ph.D. in French and Francophone World Literature, University of Iowa, 2015
- Visiting Assistant Professor, Hamilton College, 2015-17
- Honors: Pi Delta Phi, French National Honor Society.
- Specialization: 19<sup>th</sup>-, 20<sup>th</sup>-, and 21<sup>st</sup>-century French literature and culture, comic books, and graphic novels; autobiographies; translations; French language pedagogy; digital pedagogy.



**Seungmug “Zech” Lee**, ASSOCIATE PROFESSOR 

DEPARTMENT OF CRIMINOLOGY AND CRIMINAL JUSTICE



- Ph.D. in Criminal Justice, Rutgers, 2008
- Associate Professor, Western Illinois University, 2015-17; Assistant Professor, Western Illinois University, 2009-15
- Honors: Faculty Research and Creative Activities Award, WIU Center for Innovations in Teaching and Research (2015); Award for Excellence in Scholarly/Profession, WIU College of Education & Human Services (2014).
- Research: Crime prevention, particularly private security and comparative (international) criminal justice systems; international organized crime.

**Michael TenEyck**, ASSISTANT PROFESSOR 

DEPARTMENT OF CRIMINOLOGY AND CRIMINAL JUSTICE



- Ph.D. in Criminal Justice, University of Cincinnati, 2017
- Honors: 1<sup>st</sup> place, Student Research Showcase, Southern Criminal Justice Association (2015); member, Phi Kappa Phi Honor Society.
- Research: Criminological theory, developmental/life-course criminology, biosocial criminology, racial discrimination by police.

**Joshua Wilson**, ASSISTANT PROFESSOR 

DEPARTMENT OF ART AND ART HISTORY



- M.F.A. in Visual Communication, Interactive Scenes, and Game Design, UTA, 2015
- Lecturer, UTA, 2015-17
- Research: Game developer and designer for FLYBY, developed to generate interest in aerospace and aviation careers at elementary, middle, and high school levels; stroke rehabilitation glove.

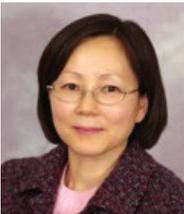


## COLLEGE OF NURSING AND HEALTH INNOVATION

ANNE BAVIER, DEAN

**Yaewon Seo**, ASSISTANT PROFESSOR 

DEPARTMENT OF GRADUATE NURSING



- Ph.D. in Nursing, Case Western University, 2006
- Assistant Professor, University of Nebraska Medical Center, 2007-17
- Research: Health care of patients with heart failure, symptom clusters in cardiovascular disease, late life function and disability instruments for measuring physical functioning of heart failure patients.

**Daniel Trott**, ASSISTANT PROFESSOR 

DEPARTMENT OF KINESIOLOGY



- Ph.D. in Exercise Physiology, Texas A&M University, 2010
- Postdoctoral Fellow, University of Utah, 2014-17; Postdoctoral Fellow, Vanderbilt University Medical Center, 2011-14
- Honors: 1<sup>st</sup> place pharmacology poster, Vanderbilt University Postdoctoral Association and Shared Resources Symposium (2014); Poster Award, American Heart Association High Blood Pressure Council (2013); position on the Vanderbilt Clinical Pharmacology T32 Training Grant (2012-14); New Investigator Travel Award, American Heart Association High Blood Pressure Council (2012).
- Research: Caveolin regulation of eNOS: effects of aging and exercise training, roles of Akt and heat shock protein 90 in age-related endothelial dysfunction of rat soleus muscle feed arteries.

**Jing Wang**, ASSOCIATE PROFESSOR  

DEPARTMENT OF GRADUATE NURSING



- Ph.D. in Statistics, North Carolina State University, 2004
- Associate Professor, Saint Louis University, 2011-17
- Honors: Best contributed paper, Joint Statistical Meetings, American Statistical Association (2004).
- Research: Multilevel and longitudinal data analysis, Bayesian statistics, hierarchical/multilevel modeling, generalized linear models, nonparametric analysis, statistical computing, multivariate statistics.

## COLLEGE OF SCIENCE

MORTEZA KHALEDI, DEAN

**Aida Allen**, LECTURER 

DEPARTMENT OF MATHEMATICS



- M.S. in Mathematics, Texas A&M University–Commerce, 2012
- Associate Professor, Trinity Valley Community College, 2012-17; Adjunct Instructor, Richland College, 2012-15
- Research: College readiness, developmental math education.

**Joseph Boll**, ASSISTANT PROFESSOR 

DEPARTMENT OF BIOLOGY



- Ph.D. in Molecular Biosciences, UT Southwestern Medical Center–Dallas, 2013
- Postdoctoral Fellow, UT Austin, 2013-17
- Honors: Fellow, NIH; Ruth L. Kirschstein National Research Service Award.
- Research: High-throughput drug discovery, mechanisms of antibiotic resistance, microbial pathogenesis, microbial vaccine engineering, lipid adjuvants, microbial community interactions.

**Cara Boutte**, ASSISTANT PROFESSOR 

DEPARTMENT OF BIOLOGY



- Ph.D. in Biochemistry and Molecular Biology, University of Chicago, 2011
- Postdoctoral Fellow, Harvard School of Public Health, 2011-17
- Honors: Honorable Mention, NSF Foundation Graduate Fellowship (2006).
- Research: Mechanisms of cell wall regulation in mycobacteria and how this regulation contributes to growth, stress response, and antibiotic tolerance; bacterial signaling, stress responses, and antibiotics.



**Yujie Chi**, ASSISTANT PROFESSOR  

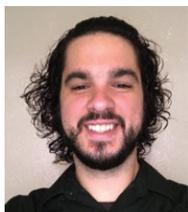
DEPARTMENT OF PHYSICS



- Ph.D. in Theoretical Physics, Peking University, 2014
- Postdoctoral Fellow, UT Southwestern Medical Center, 2014-17
- Research: Particle therapy, GPU-based high-performance computing for radiotherapy, Monte Carlo particle transport simulation for radiotherapy.

**Joshua Crowell**, LECTURER 

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY



- Ph.D. in Chemistry, UTA, 2015
- Instructor, UTA, 2017; Education Contractor, Twin Eagles Consulting, 2015
- Honors: Graduate Dean's Doctoral Dissertation Fellowship (2015), Charles Baker Character Fellowship (2014).
- Research: Thiol dioxygenases, nonchemical proton-dependent steps prior to oxygen-activation limit *Azotobacter vinelandii* 3-mercaptopyruvate dioxygenase (MDO) catalysis.

**Esteban Diaz**, LECTURER 

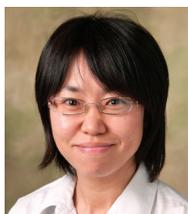
DEPARTMENT OF MATHEMATICS



- Ph.D. in Mathematics, University of Iowa, 2007
- Adjunct Professor, Universidad de Santiago, 2014-17; Assistant Professor in Residence, University of Connecticut, 2007-10; Volunteer, GeoGebra Mathematical Software, 2009-present
- Honors: Outstanding Teaching Assistant Award, University of Iowa (2005).
- Research: Elation switching in real parallelism, translational planes and Linear Abelian Group of order, development of free mathematical software for teachers and students in South America.

**He Dong**, ASSOCIATE PROFESSOR  

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY



- Ph.D. in Chemistry, Rice University, 2008
- Assistant Professor, Clarkson University, 2012-17; Postdoctoral Fellow, University of California–Berkeley, 2009-12
- Honors: NSF Early Career Award, John L. Margrave Outstanding Graduate Thesis Award, Chinese Government Award for Outstanding Graduate Students Abroad, JINGHUA Graduate Fellowship.
- Research: Supramolecular peptides, biomaterials, nanomedicine, cancer nanotechnology, antimicrobial nanomaterials.



**Souvik Roy**, ASSISTANT PROFESSOR    
DEPARTMENT OF MATHEMATICS



- Ph.D. in Mathematics, Tata Institute of Fundamental Research, 2015
- Postdoctoral Fellow, University of Würzburg, 2016-17
- Honors: DFG Grant for Postdoctoral Studies in Germany (2016-17); IFCAM Visiting Scientist Fellowship, Nice, France (2016).
- Research: Inverse problems in medical imaging and fluid flows, optimal control of partial differential equations related to stochastic processes, higher order schemes for fluid flows, optimization theory, big data problems in medicine.

**Nasrin Sultana**, LECTURER   
DEPARTMENT OF MATHEMATICS

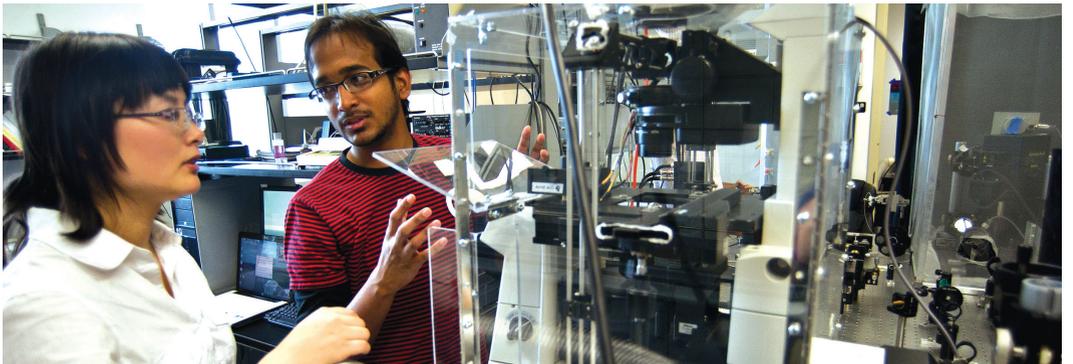


- Ph.D. in Mathematics, Missouri University of Science and Technology, 2015
- Lecturer, Texas State University, 2017
- Honors: VPGS Scholar Award Fellowship (2011).
- Research: Dynamical aspects of difference equations; time scale calculus; stochastic calculus; control theory; integro-differential equations; applications in applied sciences such as physics, economics, and biology.

**Li Wang**, ASSISTANT PROFESSOR   
DEPARTMENT OF MATHEMATICS



- Ph.D. in Mathematics, University of California–San Diego, 2014
- Research Assistant Professor, University of Illinois–Chicago, 2015-17; Postdoctoral Fellow, University of Victoria, 2015; Postdoctoral Fellow, Brown University, 2014
- Honors: American Mathematical Society-Simons Travel Grant (2016-18); 1<sup>st</sup> prize, China Graduate Mathematical Modeling Contest (2006).
- Research: Nonlinear programming, polynomial optimization, fractional programming, development of numerical methods for solving machine learning problems, computational methods for big data.



## SCHOOL OF SOCIAL WORK

SCOTT RYAN, DEAN

**Philip Baiden**, ASSISTANT PROFESSOR 



- Ph.D. in Social Work, University of Toronto, 2017
- Honors: Joseph-Armand Bombardier Canada Doctoral Scholarship (2014-17); Royal Bank of Canada Fellowship, University of Toronto (2016-17).
- Research: Non-suicidal self-injury, suicide prevention research, adverse childhood experiences, bullying victimization, child abuse and neglect.

**Rachel Voth Schrag**, ASSISTANT PROFESSOR 



- Ph.D. in Social Work, Washington University–St. Louis, 2017
- Honors: Diversity and Inclusion Fellow, Graduate School of Arts and Science, Washington State University–St. Louis (2016).
- Research: Violence against women, collegiate survivors of sexual and interpersonal violence, trauma and mental health, economic advocacy, low-income families.





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