Saturday, November 18, 2017

9-9:45 a.m. Welcome Address
10-10:45 a.m. Session 1
11-11:45 a.m. Session 2
Noon-2 p.m. Informational Fair
Noon-12:45 p.m. Session 3
1-1:45 p.m. Session 4
2-2:45 p.m. Session 5
Session 2 / 11-11:45 a.m.

PARENT/ FAMILY TRACK

Ask the Experts: Student Panel
UT Dallas students
JSOM 1.110

UT DALLAS CAREER CENTER
Return on Your Investment at UT Dallas
Jessica Elder, Career Consultant in the UT Dallas Career Center
SSA Auditorium

Aprende Más de UT Dallas: Taller para Alumnos y Padres
Sesión de información en español para padres y alumnos interesados en UT Dallas
Maria Cruz and Maria Sosa, G-Force Mentors (Office of Diversity and Community Engagement)
JSOM 2.102

School of Arts, Technology, and Emerging Communication
Motion Capture Lab Demonstration
Adam Buxkamper, software systems specialist in technology resources
ATC 1.801A

Naveen Jindal School of Management
Tips and Tricks for Being Successful in College
Dr. Marilyn Kaplan, associate dean of undergraduate programs
JSOM 1.117

STUDENT TRACK: FACULTY LECTURES

See page 5 for more details on the lectures and faculty presenters

School of Arts and Humanities
UTD Summer in Switzerland
Dr. John Gooch, associate dean of graduate studies and associate professor of literary studies
ECSS 2.306

School of Arts, Technology, and Emerging Communication
Animation Pipeline Development
Casey Allen Johnson, assistant professor in arts, technology and emerging communication
JSOM 2.115

School of Behavioral and Brain Sciences
Tuning the Brain: Neuromodulation as a Possible Panacea for Treating Certain Brain Conditions
Dr. Sven Vanneste, associate professor in behavioral and brain sciences
ECSS 2.102

School of Economic, Political and Policy Sciences
Opioid Epidemic: A Public Health Emergency
Dr. Carol Cirulli Lanham, assistant dean of undergraduate studies and senior lecturer of sociology
JSOM 2.106

ERIK JONSSON SCHOOL OF ENGINEERING AND COMPUTER SCIENCE
Optimization and Control of Wind Energy Systems
Dr. Mario A. Rotea, head of the Department of Mechanical Engineering and Erik Jonsson Chair
JSOM 1.118

School of Interdisciplinary Studies
Preparation for Healthcare: The Bachelor of Science Degree in Healthcare Studies
Dr. Kathleen Byrnes, program head, healthcare studies, senior lecturer
JSOM 2.112

Naveen Jindal School of Management
STEM in Business
Dr. Dawn Owens, clinical assistant professor, information systems director
JSOM 2.112

School of Natural Sciences and Mathematics
Organic Polymers: From Research in the Laboratory to Real Life Applications
Dr. Mihaela Stefan, associate professor in bioengineering and chemistry
FN 2.102

Office of Undergraduate Education
Decisive Move: Being an Undeclared Major
Eric Welgehausen, assistant director of undergraduate advising
JSOM 1.102

For Your Information

Lunch can be purchased in Dining Hall West (all you care to eat) or the Student Union Food Court (à la carte) from 11 a.m. to 3 p.m. All registered students will receive a free meal ticket in their registration packets.

Be sure to check out the UT Dallas Jazz Band performance in the Student Union food court from 12 p.m. to 2 p.m.

Want to talk one-on-one with UT Dallas faculty, staff and students? Visit our Informational Fair in the Visitor Center Atrium from noon to 2 p.m.

Visit our Application Assistance Lab to apply for admission and turn in any official documents in the Naveen Jindal School of Management 1st floor Computer Lab (JSOM 1.211) from noon to 1 p.m.

Campus tours will leave every half hour from 10 a.m. to 2 p.m. from the Visitor Center lobby in the Visitor Center and University Bookstore building. (Please note: the last tour leaves at 2 p.m.)

Our nationally recognized UT Dallas Chess Team will provide a live demonstration at Chess Plaza, between the Student Services Building and the Naveen Jindal School of Management Building from 11 a.m. to 1 p.m. Stop by and meet some of the best in chess.

The University Bookstore will be open from 10 a.m. to 3 p.m. Don’t forget to use your special Scholars’ Day coupon to save 20 percent off the latest UT Dallas spirit items.

Join us on social media, find our geofilter on Snapchat and share your pictures from Scholars’ Day:
- facebook.com/UTDallasVisitorCenter
- twitter.com/futurecomets
- instagram.com/futurecomets
- #FutureComet
- #UTDScholarsDay

We want to hear from you: Please bring your completed event evaluation to the Visitor Center lobby between noon and 3 p.m. for a special student gift.
Session 3 / Noon-12:45 p.m.

JOINT INTEREST SESSIONS

School of Arts, Technology, and Emerging Communication
Motion Capture Lab Demonstration
Adam Buckamper, software systems specialist in technology resources
ATC 1.801A

Erik Jonsson School of Engineering and Computer Science
Internships: Your Path to Career Success
Jerry Alexander, assistant dean for student development
JSOM 1.118

Naveen Jindal School of Management
Harnessing the Power of Ideas through Innovation and Entrepreneurship
Robert Wright, senior lecturer in organizations, strategy and international management
JSOM 1.107

Division of Student Affairs
Getting Involved: Student Life at UT Dallas
Briana Lemos, director of Student Development
JSOM 1.102

Health Professions Advising Center
Pre-Med and Pre-Health Advising
Dr. Karen de Olivares, director and advisor for the Health Professions Advising Center
SLC 1.102

Informational Fair
Browse tables hosted by University departments and student organizations
Visitor Center Atrium

Application Assistance Lab
Submit your application and official documents, and get your application fee waived
Jindal School of Management 1st floor computer lab
(JSOM 1.211)

Walking Campus Tour
Learn more about the University’s campus, traditions and amenities during this 30-minute walking tour (does not include housing)
Visitor Center lobby (VCB 1.101)

Residence Hall Tours
Learn more about University Housing
Residence Hall West main entrance

Library Tours
Learn about numerous resources available through the McDermott Library and its partnerships
McDermott Library information desk

Lunch
The UT Dallas Jazz Band will be performing in the Student Union food court from 12 p.m. to 2 p.m.
Dining Hall West or Student Union Food Court

Informational Fair
Noon-2 p.m., Visitor Center Atrium

1. Academic Bridge Program
2. Academic Excellence Scholarship Program
3. Comet Cupboard
4. Education Abroad
5. Erik Jonsson School of Engineering and Computer Science
6. Freshmen Mentor Program
7. Galerstein Gender Center
8. Health Professions Advising Center
9. Hobson Wildenthal Honors College
10. Multicultural Center
11. Naveen Jindal School of Management
12. New Student Programs
13. Diversity Scholars Program/Community Engagement
14. Office of Financial Aid
15. Office of Student Volunteerism
16. Residential Life
17. School of Arts and Humanities
18. Center for U.S.-Latin America Initiatives
19. School of Arts, Technology, and Emerging Communication
20. School of Behavioral and Brain Sciences
21. School of Economic, Political and Policy Sciences
22. School of Interdisciplinary Studies (Healthcare Studies)
23. School of Natural Sciences and Mathematics
24. School of Natural Sciences and Mathematics: Physics Department
25. Supply Chain Management Program (JSOM)
26. Student Success Center
27. Student Transition Programs
28. Terry Scholars Program
29. University Emergency Medical Responders
SESSION 5 / 2-2:45 p.m.

JOINT INTEREST SESSIONS

Hobson Wildenthal Honors College: Terry Scholarship Program
The Terry Scholars Program: More Than a Scholarship
Learn about the prestigious, fully funded, four-year cohort experience that provides its students with academic, cultural and mentoring opportunities.
Blythe Torres, director, UT Dallas Terry Scholars Program
JSOM 2.115

Walking Campus Tour
Last tour leaves at 2 p.m.
Learn more about the University’s campus, traditions and amenities during this 30-minute walking tour (does not include housing)
Visitor Center lobby (VCB 1.101)

Residence Hall Tours
Learn more about University Housing
Residence Hall West main entrance

Lunch
Dining Hall West or Student Union Food Court

SESSION 4 / 1-1:45 p.m.

JOINT INTEREST SESSIONS

Transfer Student Services/Terry Foundation Transfer Scholarships/
Office of Admission and Enrollment
Transfer 101: Admission, Student Life and Scholarships
Cassie Cure, assistant director of the UT Dallas Terry Scholars program, Kellie Hanford, assistant director of student transition programs, and Ryan Slack, admissions counselor
JSOM 2.106

The Hobson Wildenthal Honors College at UT Dallas
Learn about the various cultural and mentoring programs available to qualified students through the Hobson Wildenthal Honors College, including the Collegium V Honors Program and National Merit Scholars Program
Dr. Ted Harpham, dean of the Hobson Wildenthal Honors College and Dr. Michael Seeligson, assistant provost
JSOM 2.115

Walking Campus Tour
Learn more about the University’s campus, traditions and amenities during this 30-minute walking tour (does not include housing)
Visitor Center lobby (VCB 1.101)

Residence Hall Tours
Learn more about University Housing
Residence Hall West main entrance

Library Tours
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Lunch
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Dining Hall West or Student Union Food Court

Thank You for Attending Scholars’ Day!

The University of Texas at Dallas
Office of Admission and Enrollment
800 W. Campbell Road
Richardson, TX 75080
(972) 883-2270
Session 2: Faculty Lectures

School of Arts and Humanities

Lecture Title: "UTD Summer in Switzerland"

Synopsis: Dr. John Gooch from the School of Arts & Humanities will detail the faculty-led UTD Summer in Switzerland program, held on the Franklin University of Switzerland campus in Lugano in the Italian-speaking canton of Ticino. Prospective students and their parents are invited to come and learn about the exciting opportunity.

Speaker Bio: Gooch directs the Rhetoric and First-Year Writing Program and teaches graduate-level courses in rhetoric. He has taught courses in rhetoric and communication including digital and visual rhetoric, history and theory of rhetoric, rhetorical criticism, law and rhetoric and presidential rhetoric. He also teaches professional writing and speaking at the University of Verona in Italy. His research examines how issues of legality and constitutional rights are communicated in public, outside the confines of the courtroom. In recent years, he has written about how leaders respond to crisis events.

School of Arts, Technology, and Emerging Communication

Lecture Title: "Animation Pipeline Development"

Synopsis: A brief discussion about how an animation pipeline is used in the production of a feature film.

Speaker Bio: Casey Johnson’s professional background is in the field of 3-D computer animation. He has industry experience as both designer and a technical director. He began his career in corporate video, making safety and training materials for one of the largest air-conditioning producers in the world. From there he went into the educational software industry, working as a generalist for a company whose software was in over half the nation’s elementary schools. He earned his MFA at Clemson University then served as a pipeline director for feature films at Rhythm & Hues Studios in Los Angeles. After working on several VFX films, he went to Reel FX to work on animated films as an animation technical director. An assistant professor at the school of Arts, Technology and Emerging Communication, he teaches technical classes in pipeline and tool development.

School of Behavioral and Brain Sciences

Lecture Title: "Tuning the Brain: Neuromodulation as a Possible Panacea for treating certain brain conditions"

Synopsis: One of the major breakthroughs in neuroscience was the recognition of neuroplasticity, i.e. the fact that the brain is capable of changing its activity, connectivity, structure and function as an adaptation to a changing environment. Neuromodulation has subsequently been developed to induce neuropsyplastic changes by the application of local electrical, magnetic, sound, light or other stimuli in an attempt to ameliorate brain-related pathologies. This lecture explores current invasive and non-invasive neuromodulation methods for the treatment of tinnitus, fibromyalgia and neuropathic pain.

Speaker Bio: Dr. Sven Vanneste is an associate professor in the School of Behavioral and Brain Sciences and an honorary research professor in the School of Medicine at the University of Otago, New Zealand. A professor in clinical and integrative neuroscience, his research focuses on understanding the common pathophysiological mechanisms clustering groups of pathologies, such as thalamocortical dysrhythmias (pain, tinnitus, depression) or obsessive compulsive spectrum disorder (addiction, OCD, eating disorders) by translating knowledge obtained from one disease to other diseases with similar underlying mechanisms, and to develop novel invasive and non-invasive brain stimulation treatments based on it.

School of Interdisciplinary Studies

Lecture Title: "Preparation for Healthcare: The Bachelor of Science Degree in Healthcare Studies"

Synopsis: Dr. Kathleen Byrnes, head of the University’s healthcare studies program, provides an overview of the Bachelor of Science in healthcare studies, which prepares students for careers in healthcare fields including medicine, pharmacy, optometry, dentistry, physical therapy and physician assisting.

Speaker Bio: Byrnes earned her PhD in healthcare studies from Texas Woman’s University and is a licensed professional counselor with more than 20 years of professional experience working in healthcare administration as well as working with patients and families in a variety of healthcare settings.

School of Economic, Political and Policy Sciences

Lecture Title: "Opiodic Epidemic: A Public Health Emergency"

Synopsis: The federal government recently declared the U.S. opioidic epidemic a public health emergency, and vowed to use “every appropriate emergency measure” to fight the crisis. The drug overuse has resulted in an average of 10 overdoses per day in 2017 and six out of 10 overdose victims take opioids. In this lecture, Dr. Lihanam will discuss the origins of this epidemic as well as public policy initiatives aimed at reversing this deadly trend. She will also talk about a drug prevention program she helped develop for area high schools.

Speaker Bio: Dr. Carol Cirulli Lihanam is a senior lecturer in sociology and assistant dean for undergraduate studies in the School of Economic, Political and Policy Sciences. Her research is focused on adolescent substance use and prevention, and she teaches a doctoral course as part of the sociology program’s minor in public health. She also works with the Dallas-based nonprofit Focus on Teens, raising awareness among young people of the consequences of early drug and alcohol use.

Erik Jonsson School of Engineering and Computer Science

Lecture Title: "Optimization and Control of Wind Energy Systems"

Synopsis: Wind technology is a major player in utility-scale renewable energy for the production of electricity around the globe. Many countries share the strategic goal of increasing the penetration of wind energy into the electric grids. In the U.S., the goal is to have wind power contributing 35 percent electricity by 2050. Attaining this goal will require lowering the cost of wind power using advanced modeling and simulation, flow monitoring and advanced controls. This lecture includes an overview of the work done at UTD in these areas and how the University is providing solutions for the vibrant wind industry in Texas, which ranks first in the U.S. in installed capacity (21GW) and number of turbines (12,077), with 13 percent of all in-state electricity produced from wind in 2016. The main drivers and important factors in reducing wind energy cost including the convergence of high-fidelity simulations, reduced-order models, field measurements and advanced controls yield increases in annual energy production and the reliability of wind turbines and wind farms.

Speaker Bio: Dr. Mario A. Rotea is the holder of the Erik Jonsson Chair in Engineering and Computer Science at UT Dallas, where he is also the department head of mechanical engineering. His career includes terms as director of the Control Systems Program and division director of Engineering Education and Centers at the National Science Foundation. Rotea is co-founder of WindSTAR, an NSF Industry University Cooperative Research Center aimed at bringing together academia and industry to advance wind energy through industry-relevant research and education. Rotea joined UT Dallas in 2009 to serve as professor and inaugural head of the then newly-created mechanical engineering department, and directed the department’s rapid growth, increasing enrollment from 10 students to more than 1,100 in 2017. Rotea is a Fellow of the IEEE for contributions to robust and optimal control of multivariable systems. Rotea graduated with a degree in electronic engineering from the University of Rosario, and received a master’s degree in electronic engineering and his Ph.D. in control science and dynamical systems from the University of Minnesota.

Naveen Jindal School of Management

Lecture Title: "STEM in Business"

Synopsis: Did you know that careers in technology are among the fastest growing jobs? Careers in technology are on the rise, however, knowledge of technology is critical in all fields. This information session is to help individuals understand the field of information technology and how businesses use technology to meet their goals.

Speaker Bio: Dr. Dawn Owens, director of the Bachelor of Science in Information Technology Program, teaches Information Technology for Business, Systems Analysis and Design, and Database Fundamentals. She also serves as faculty advisor for the student chapter of the Association of Information Systems and Women in IT and is on the national advisory board for student chapters in the Association of Information Systems. Prior to teaching, she held various technology roles including programmer, database administrator, systems analyst, project manager and executive management. Owens earned all of her degrees from the University of Nebraska at Omaha. She has received awards for online course design and recognition in teaching excellence.

School of Natural Sciences and Mathematics

Lecture Title: "Organic Polymers: From Research in the Laboratory to Real Life Applications"

Synopsis: Polymer science is one of the fundamental disciplines that allows us to solve some of the world’s most pressing challenges of generating materials with diverse and highly specific functions. Real-world applications of polymer chemistry research include drug delivery, sensor technology, agriculture, environmental toxin remediation, self-degrading plastics, resource and waste management and organic electronics. Innovative research in polymer science is becoming increasingly important to enhance economic growth and sustainability. Various applications of polymers will be described, with special emphasis on drug delivery of anticancer drugs and organic electronics applications.

Speaker Bio: Dr. Mihaela C. Stefan received her PhD degree in chemistry from Politehnica University Bucharest. She joined the Department of Chemistry in 2007, was named an associate professor in 2013, and received a joint appointment in the Bioengineering Department in 2014. She received the NSF Career Award in 2010, School of Natural Science and Math Outstanding Teacher Awards in 2009 and 2017, the Inclusive Teaching Diversity Award in 2012, the President’s Teaching Excellence Award in 2014, and the Provost’s Award for Faculty Excellence in Undergraduate Research Mentoring in 2015. Her research group is developing novel polymeric materials for organic electronics and drug delivery.