



TU's newest residence hall is open!

Hardesty Hall is TU's newest residence hall that opened in grand fashion with a campus wide dedication party on Aug. 27, 2015. Located in the heart of campus and next door to the Allen Chapman Student Union, which houses multiple dining options for students, Hardesty provides luxury living accommodations to TU's growing campus.

The hall features lounges on each floor, a large multipurpose lounge for events and special programs, free laundry facility with Laundry Alert and a student kitchen for recreational cooking.

The rooms are all carpeted with moveable furniture, single and bunkable beds, freestanding closet and window blinds.



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IMPORTANT DATES

AUG 24: 2015 FALL TERM BEGINS

NOV. 23: THANKSGIVING DAY RECESS BEGINS

NOV. 30: CLASSES RESUME

DEC 8-9: READING DAYS (NO CLASSES)

DEC 10-17: FINAL EXAMINATIONS

DEC 19: COMMENCEMENT

JAN 8: SPRING 2016 ORIENTATION

JAN 8: HARRASSMENT AND PLAGIARISM WORKSHOP

JAN 11: 2016 SPRING TERM BEGINS

2015-2016 Bellwether Fellowship, New and Continued Winners Announced

College of Engineering and Natural Sciences:

Jatin Agarwal (Petroleum Eng.)
Lida Baghemejad (Chemistry)
Maryam Fahar (Mechanical Eng.)
Feyza Hafizoglu (Computer Science)
Stacey Hannebaum (Biology)
Indumini Jayasekara (Chemistry)
Kristopher Keane (Biology)
Xin Liu (Petroleum Eng.)
Daya Marasini (Biology)
Jessica Myers (Biology)
Jeyasingam Nivethan (Comp. Science)
Mark Poyner (Chemistry)
Rashmi Prava Mohanty (Biology)
Bahareh Rahmani (Comp. Science)
Duc Huu Vuong (Petroleum Eng.)
Soumya Yadala (Chemical Eng.)
Feifei Zhang (Petroleum Eng.)

Henry Kendall College of Arts and Sciences:

Miram Abu Daqqa (English)
Melissa Antonucci (English)
Jami Barnett (English)
Cameron Brown (I/O Psychology)
David Chandler (English)
Susan Drevo (Clinical Psych)
Kent Emerson (English)
Sungjin Jang (English)
Emily Kaier (Clinical Psych)
Kara Lynn Kerr (Clinical Psych)
Namik Kirlic (Clinical Psych)
Omer Kazmi (English)
Ashley Louie (Clinical Psych)
Alicia Odewale (Anthropology)
Ashley Schoppe (English)
Lindi Smith (English)
Benjamin Walser (I/O Psychology)
Kate Williams (English)



Fall 2015 Graduate Orientation brought in smiling faces!

This fall we had a great turnout at orientation with 180 students in attendance!

We had our orientation this year in Helmerich Hall due to the grand opening of our newly renovated student union and our graduate school staff along with many other offices were there bright and early to welcome students with introductions and workshops!

We offered our students a yummy boxed sandwich lunch from Jason's Deli, always a fan favorite!



If you are a current graduate student and missed this workshop, there is another opportunity to make it up!

Plagiarism and How to Avoid It

Friday, January 8th 2016 from 10:30 am – 12:00 PM

Student Union, Great Hall B

The purpose of this workshop is to:

- help you understand the consequences of plagiarism,
- and help you learn to identify and avoid plagiarism.

Associate Dean Richard Redner invites you to join him for this important discussion.

Class size is limited; please reserve a seat as soon as possible.

To reserve your seat, please email grad@utulsa.edu.

Network Power



Refreshments will be available (Hor d' oeuvres)



Etiquette Dinner

April 12, 2016

Student Union Great Hall at 5:30 pm

To RSVP, go to Golden Opportunities

Have you ever found yourself in the following situations?:

- ◆ Feeling intimidated in a social setting?
- ◆ Not knowing what to say in a group conversation?
- ◆ Not knowing how to talk, eat and be able to shake someone's hand all while holding your plate?
- ◆ Or wondering what the appropriate amount of people are to join in on a group conversation without being obtrusive.

Well look no further, the Etiquette Dinner and Network Power are two events designed to teach you how to be successful in a professional social setting.

One of our Graduate School Staff members, Hope Geiger, attended the network power event. There was basic reception finger foods and the sophisticated Jana Christen to teach a fun hour long session on all of the how-tos in a professional environment.

If you missed out, don't worry! There will be an Etiquette Dinner in the Spring, April 12th at 5:30 pm in the Student Union, that is a formal sit down dinner with local representatives from various professional companies.

They will sit and dine with you as well as answer any questions you may have regarding their companies, what they are looking for and what their experiences have been at a business dinner. All the while you are able to enjoy a delectable five course meal for FREE!!

Another Graduate School Staff member, Anita Khan, went last year and had remarkable things to say about the event. She learned the placement of silverware on her table/plate, how to eat appetizers, how to discard trash on the table (whether it be an empty sugar packet or food remnants) and what things are and are not acceptable to talk about at a business dinner. She highly recommends everyone check it out because the education is invaluable to your future!

The event is a formal one so business professional attire is required!

2015 Chapman Graduate Scholar Grant Recipients

MASTER STUDENT AWARDS

Mahdaui, Marzieh. “Erosion in High Concentration Slurries: Effect of Particle Size, Fluid Velocity and Viscosity.” 2015 ASME International (Houston, Texas– November)

Neeli, Sai Teja. “Hydrothermal Deoxy-Liquefaction of Biomass Model Compounds with Formate Salt as Hydrogen Donor.” 2015 AIChE Annual Meeting (Salt Lake City, UT–November)

Ridgway, Anton. “Adaptive Budgeted Bandit Algorithms for Trust in a Supply-Chain Setting.” International Conference on Autonomous Agents & Multiagent Systems (Istanbul, Turkey– May)

Zhang, Mo. “Shear Effects of Gear Pump on Oil-Water Flow.” SPE Latin American and Caribbean Petroleum Engineering Conferences (LACPEC).” (Quito, Ecuador– November)

DOCTORAL STUDENT AWARDS

Acosta-Ponce, Carlos. “Alan Moore and the Appropriation of Film Noir's Aesthetics and Traditions in Watchmen.” (New Orleans, Louisiana–April)

Alanagreh, Lo'ai Essam. “Inter-and Intragenomic Variability of ITS2 rRNA Genes in Eukaryotic Microbes: The Green Algae as a Model.” (New Orleans, Louisiana–May)

Algahtani, Sarra. “DDoS Attacks in Service Clouds.” (Kauai, Hawaii–January)

Alnaser, Ibrahim. “Coupon-Based Qualification for the Fatigue of Composite Repairs of Pressure Equipment.” (Costa Mesa, California– June)

Arabnejad, Hadi. “Erosion-Corrosion Study of Oil-field Materials Due to Liquid Impact.” (Dallas, Texas– March)

Baghernejad, Lida. “Quantifying the Wettability of Porous Membranes.” American Chemical Society Pentasectional (Pittsburg, Pennsylvania– April)

Burnworth, Christopher. “Performance of Path and Full - Encirclement Bonded Composite Repairs.” (Costa Mesa, California- June)

Clardy, Kelsey. “The Muscogee (Creek) National Council House: a Continuation of Architectural Traditions.” Society of American Archaeology 80th Annual Meeting (San Francisco, California– April)

Estevis, Eduardo. “Neuropsychological Dysfunction and Informed Consent Capacity Among Depressed Inpatients” and “Memory Dysfunction in Major Depression: Not an Artifact of Poor Effort.” 43rd Annual International Neuropsychological Society Conference (Denver, Colorado– February)

Fedotova, Maria. “Teaching Russian Pronunciation: a Linguistic Perspective on Selecting Relevant Phonetic Features.” (Dallas, Texas– March)

Kaier, Emily. “Rationale and Considerations for Delivering a Child Nightmare Treatment via Videoconferencing.” 2015 APA Annual Convention (Toronto, Canada– August)

DOCTORAL STUDENT AWARDS

Gibson, Megan. “Siddons! Bright Subject for a Poet’s Page!” Promoting the English State Through Tragedy, Morality, and Celebrity. (Gainesville, Florida-February)

Golden, Timothy. “The Evolution of Stridulatory Communication in Ants, Revisited” 52nd Annual Conference of the Animal Behavior Society (Anchorage, Alaska– June)

Golden, Timothy. “Structural Variation in the Stridulatory Organ within the *Pogonomyrmex barbatus* Species Complex.” 15th International Meeting on Invertebrate Sound and Vibration (Ottawa, Ontario, Canada– July)

Hoover, Coty. “Using Cell Phones for Work and Play during Non-Work Time.” 30th Annual Conference of the Society of I-O Psychologist (Philadelphia, Pennsylvania– April)

Jang, Sungjin. “Joyce’s Erroneous Dublin.” (Fort Lauderdale, Florida– March)

Kafagy, Dhyaa. “Fatigue of Miniature Specimens for Characterizing Dental Composites.” Society for Experimental Mechanics (Costa Mesa, California– June)

Keane, Kit. “Does Male Philopatry Preclude the Possibility for Kin Selection in a Lekking Cricket?” 52nd Annual Conference of the Animal Behavior Society (Anchorage, Alaska– June)

Kiani, Mahdi. “Notch Strain Analysis of Crossbore Geometry” and “Fatigue Behavior of Fluid End Crossbore Using a Coupon-based Approach.” SEM 2015 Annual Meeting (Costa Mesa, California– June)

Louie, Ashley. “Assessing Parenting Stress: Review of the Use and Interpretation of the Parental Stress Scale.” APA Annual Convention (Toronto, Canada-August)

Mansouri, Amir. “Investigating the Effect of Sand Concentration on Erosion Rate in Slurry Flows.” NACE Corrosion 2015 Conference and Expo (Dallas, Texas– March)

Miller, Ashley. “Neuropsychological Correlates of Time-Based Versus Event Based Prospective Memory in Multiple Sclerosis.” 43rd Annual International Neuropsychological Society Conference (Denver, Colorado– February)

Miller, Melissa. “An Attribute Approach to Differentiating Artifacts from Geofacts” Society of American Archaeology 80th Annual Meeting (San Francisco, California– April)

Myers, Jessica. “Algae-Bacteria Consortia: Underexplored Resources” (New Orleans, Louisiana-May)

Odewale, Alicia. “Unearthing the Secrets of Slavery in the Danish West Indies: Archaeological Investigations at the Christiansted National Historical Site, St. Croix, U.S. Virgin Island.” American Anthropological Association Annual Meeting (Denver, Colorado– November)

Parsi, Mazdak. “Sand Particle Erosion in Multiphase Churn Flow.” NACE Corrosion 2015 Conference and Expo (Dallas, Texas– March)

Prescott, Skyler. “Sand Particle Erosion in Multiphase Churn Flow.” NACE Corrosion 2015 Conference Expo (Dallas, Texas– March)

Zanotti, Dannielle. “Examining the Relationship Between Adverse Childhood Experiences and Mental Health: Mediating Role of Mental Toughness.” 2015 American Psychological Association Convention (Ontario, Canada-August)

Oxley College of Health Sciences

The new college will support TU's role in the Tulsa School of Community Medicine (TCSM), a joint four-year community medical education program formed with the University of Oklahoma to help address Oklahoma's low health status, low health systems performance and physician shortage.

TU will establish a number of faculty endowments with the gift, including the Oxley Dean of Health Sciences and Oxley professorships in anatomy, neural anatomy, virology and pharmacology.

Since its founding in 1985 by Mary K. and John T. Oxley of Tulsa, The Oxley Foundation has awarded millions of dollars in charitable grants, primarily in the areas of education, social welfare, health and equine sports. The foundation gave \$15 million to the University of Oklahoma.

"The gifts to TU and OU represent the largest donation in our foundation's history," said R.H. Harbaugh, trustee of The Oxley Foundation. "Endeavors like the new College of Health Sciences and the partnership between TU and OU will help improve the health of our community and position Tulsa as a leader in training physicians to make a difference through the practice of community medicine."

In 2015, the College of Health Sciences will focus on consolidating programs and other operations. As inaugural dean and vice president for health sciences, Dr. Gerard Clancy will evaluate current programs and curricula in addition to exploring opportunities for new degree programs, chief among them an interdisciplinary master's program in healthcare delivery sciences.

"Establishing the College of Health Sciences better positions TU to address continuing healthcare needs within the community, both through the production of health professionals and the provision of clinical services as part of our teaching mission," said university President Steadman Upham. "The Oxley Foundation continues to be a key strategic partner in our progress. This remarkable \$15 million commitment supports not only our involvement in the TCSM, but also our larger health education effort."

Story found at <http://utulsa.edu/news/oxley-foundation-supports-new-college-of-health-sciences/>



Did you know Tulsa gives you TONS of discounts for being a student? All you have to do is show your ID. For a full list, follow this link: <http://orgs.utulsa.edu/sa/discounts/>



Take advantage of your discounts!

2015 Research Colloquium, our biggest ever!

Eighteenth Annual Student Research Colloquium Award Winners

- 1st place– Megan Smith, BIOLOGY. “Heavy Metal contamination increases stress and fluctuating asymmetry in *ghus glabra*.”
- 1st place in Community Service– Matthew Vuong, ENGINEERS W/OUT BORDERS. “Engineering solutions for bulk food processing.”
- 1st place in College Posters– Marissa Schumauch, CHEM/BIOCHEM. “Inducers of protein production under oxidative conditions.”
- 2nd place– Samantha Vickers, EXERCISE AND SPORTS SCIENCE. “Test-retest reliability of subcutaneous skin fold thickness derived from hand held ultrasound measurements.”
- 2nd place– Jillian Schlecht, BIOLOGY. “Pheromone reception in male *nyssodesmus python*.”
- 2nd place– Chelsea Shotwell Tabke, CLINICAL PSYCHOLOGY. “Research on mass shootings: moral quandaries and ethical dilemmas.”
- 3rd place– Chao Gao, PETROLEUM ENGIN. “Investigation of shale-fluid interaction and sealing of pores and micro-fractures in shales.”
- 3rd place– Alicia Odewale, ANTHROPOLOGY. “Unearthing the secrets of slavery in the Danish West Indies; Archaeological investigation at the Christiansted National Historic Site, St. Croix.”
- 3rd place– Melissa Miller, ANTHROPOLOGY. “The plausibility of determining the preferred chewing side of Hominids using fossil dental wear.”
- 3rd place– Kit Keane, BIOLOGY. “Nested kin clusters within leks of the prairie mole cricket.”

Honorable Mentions:

- Leah Skinner, I/O PSYCH. “Justice Perceptions, Collective Efficacy and Teamwork Quality”
- Rose Fonseca, I/O PSYCH. “The importance of safety climate in teamwork”
- Brooke Smart, MATH/SCIENCE EDUCATION. “The role of technology in the math classroom”
- Amy Shelton, EDUCATIONAL STUDIES. “Case Study: Teacher Expectations, Personal Identity, and Black Male Achievement”
- Austin Evans, CHEM/BIOCHEM. “Limonene Plasticized Sulfur: A functional material synthesized entirely from industrial waste.”
- Skyler Prescott, MECHANICAL ENGIN. “Erosion/Corrosion in a Manifold Tee”
- Walker Miracle, CHEM ENGIN. “Accounting for Uncertainty in The Open Pit Mining Production Scheduling Problem”
- Katelyn Merwin, MATH/SCIENCE EDUCATION. “The Relationship Between Video Modeling, Career Path and Career Choice: Research in STEM (Science, Technology, Engineering, Math) Education”
- Kirk Smith, MECHANICAL ENGIN. “Nanoparticle Fluid Filters for Full Solar Spectrum Photovoltaics”
- Helen Patterson, ENGLISH. “Reaffirming Joanna Baillie's Conservatism”
- David Glover, COMPUTER SCIENCE. “Mobile tDCS Platform”
- Community service honorable mention– Nigel Cook-Reynolds, PSYCHOLOGY. “The role of tutor within an alternative high school: My experience at Phoenix Rising.”



Our keynote speaker David Schmitz gave a compelling and thought provoking talk regarding societal constructs and how race is defined in today's day.

“If we perform well in our role as educators, we make our classroom a *society*—a cooperative venture for mutual advantage. If we perform well as certifiers, we turn our classroom into something else: a *race*, albeit a fair one. What is the difference between a society and a race? In a race, there is a reason why people should start on an equal footing: a race's purpose is to measure relative performance, so we want the fact of someone crossing the finish line first to indicate having run the fastest. It makes sense that, when we are thinking about racing, our intuitions about justice tend to be intuitions about equal opportunity. However, a *society*'s purpose is not to measure relative performance but to be a good place to live.”

The University of Tulsa
18TH ANNUAL

STUDENT RESEARCH
COLLOQUIUM

April 7 – April 11, 2015 - Student Union

Meet your 2015-2016 Graduate Student Association Officers



Cassie Sturycz is a second year student in the Clinical Psychology Ph. D. program. She earned her Master of Arts degree in Clinical Psychology at Western Kentucky University before being admitted to the University of Tulsa, in the fall of 2014. She is a teaching assistant in the Psychophysiology Laboratory for Affective Neuroscience in the psychology department. Her research focus has involved the role of physical pain in Non-suicidal Self-Injury and the increased risk for suicide completion in individuals with high thresholds for pain. She served as a Senator-at-Large in the Graduate Student Association last year and is proud to serve as the President of GSA for the 2015-2016 academic year.

Danielle Zanotti, GSA Vice President is a third year clinical psychology doctoral student. She graduated from Kansas State University in 2009 with a Bachelor of Arts degree in Psychology. While at Kansas State University, she was a four-year letter winner for women's basketball. She went on to coach at the collegiate level for four years before pursuing her doctorate at The University of Tulsa. Her primary research interests are studying and developing therapeutic techniques to create and strengthen resiliency in at-risk populations.



Rob Dicken, GSA Treasurer is a second year graduate student earning his Masters Degree in Applied Mathematics and Finance. He is in his sixth year at the University of Tulsa, and recently graduated with a Bachelor of Science in Applied Mathematics from TU in May 2014. In addition to earning his degree Rob is also working as a Teaching Assistant in the Mathematics department, where he teaches quiz sections for Calculus II. Rob is in his second year as a Graduate Student Association Senator and is proud to represent both his department and the Graduate School.



Angela Cooper, GSA Event Coordinator is a second year PhD student in the Anthropology program. She graduated from the University of Tulsa with a Master of Arts in Anthropology in 2012. She received her Bachelor of Arts from Southern Illinois University Edwardsville in Edwardsville, Illinois. Most of her research and field experience has related to the cultural development at Cahokia Mounds State Historic Site and surrounding sites in the uplands of the American Bottom, and she is interested in how the use of public outreach in archaeology can help unite and preserve the history of communities.



Danielle Culp, GSA Secretary is a first year master student in Museum Science and Management from Claremore, Ok. Her undergraduate degree is a B.A. in Cherokee Cultural Studies with an emphasis on language revitalization and a minor in American Indian Studies from Northeastern State University in Tahlequah, Ok. While at NSU, Danielle served as Miss Cherokee 09'-10' for the Cherokee nation of Oklahoma. After graduation Danielle worked in the field of Living History as an artist and tour guide at the Cherokee Heritage Center. She currently works in the Digitization department under Diana Folsom at the Gilcrease Museum. Once she graduates she would like to work in an educational department in a Museum.



QUESTIONS? CONTACT GSA AT GRAD-SA@UTULSA.EDU

Student Updates

Melissa Miller, PhD Anthropology student traveled to Lake Turkana, Kenya to attend the Koobi Fora Field School, founded by Richard Leakey in 1968.

She worked with Dr. David Braun and Jonathan Reeves of George Washington University on the Okote Survey Project investigating surface deposits of fossils and artifacts dating from 1.5 to 1.6 million years old.

Melissa's main job was aerial photography of the deposits using kites and a drone. She plans to present this research at conferences this year and next year.



Alicia Odewale, PhD Anthropology doctoral student has been selected to join the North Carolina State Building Future Faculty Program this spring, March 18-21. The program is a two-day workshop for doctoral students and post-doctoral scholars who are interested in pursuing careers in academics. During the workshop, participants attend sessions to learn about life as a faculty member at a research university, new faculty expectations and resources that are available for research and teaching. Participants are matched with an academic department that closely aligns with their interests. This gives them the opportunity to meet with faculty to learn about career opportunities, research programs and meet one-on-one with experienced faculty.

Odewale will also present a 15-minute research lecture and mini-job talk as part of the program. She is expected to complete her doctorate in May

The Gussman Juried Student Exhibition showcases the most outstanding creative works produced by students in the School of Art. All TU undergraduate and graduate students enrolled during the spring and fall 2013 semesters as well as the spring 2014 semester were eligible to submit works for jurying in the exhibit. The exhibition is funded by the Herbert and Rosaline Gussman Foundation.

Graduate student winners include: Cameron Buckley, Best of Show, *Beneath*; Megan Curtis, 1st place, *Descent*; Libby Williams, 2nd place, *One Park II (Porch View)*; Nancy Andrasko, 3rd place, *Mistic*; John Bryant, 4th place, *A Page from a Yellow Book*; Taryn Singleton, Honorable Mention, 76.



Spring and Summer 2015 Graduates
Henry Kendall College of Arts & Sciences

Master of Arts

Deborah Ann Burke
Sydney Cunningham
Haley Danielle Dahl
Ryan Scott Donaldson
Naomi Everett
Tyler J. Kinshella
Lily Lau
Kameron Chase Lewellen
Grace Virginia Markes
Samuel Marzouk
Heather McGuire
Rachel Micol

Sarah Marie Munson
Millie E. Otey
Amy Sarraf Renshaw
Rachel Elizabeth Savage
Stephen Snider
Michael Alberto Tapia
Casie Trotter
Ludivina Vasquez
LaTasha June Villareal-Hutchins
Kathryn Elizabeth Webb
Lauren Claire West

Master of Math/Science Education

Claus Christian Antunes de Souza
Abdurahmane Diallo
Andrew S. Downing
William Daughtry Martin
Katelyn Elizabeth Merwin
Alexandra Joann Savage
Brooke Julene Smart

Faculty Updates

Michelle Martin, Associate Professor of Art, was awarded a Brackett-Krennerich Purchase Award during the DELTA NATIONAL SMALL PRINTS EXHIBITION by juror Lyle Williams, Curator of Prints and Drawings at the McNay Art Museum in San Antonio. Founded in 1996 at Arkansas State University in Jonesboro, AR, the Delta National Small Prints Exhibition has grown to be one of the country's foremost national print competitions. This is the second time Professor Martin has won this award; the purchased print will be placed in the permanent collection at Arkansas State University.

Jonathan J Arnold, an Associate Professor of Ancient and Medieval History, receives The 2015 Outstanding Teacher Award and is considered to be amongst the highest honors The University of Tulsa bestows! In 2012, he initiated and began directing the History Mentoring Service, a program that assists history majors with all aspects of researching and writing a history paper. The following year, he was honored with the Thomas H. Buckley Award for Teaching Excellence.



Dr. Thomas Foster, On February 18, will be presenting in Paris, France at the Past Global Changes working group, Landcover6K, which is funded by the International Geosphere-Biosphere Programme. He is presenting on research about anthropogenic effects of Native Americans in the southeastern United States.

The overarching goal of LandCover6k is to produce new datasets of climate-induced (natural) vegetation change (NVC) and anthropogenic land-cover change (ALCC) for climate modelling. He expects that these new NVC and ALCC datasets will provide the means for vegetation and climate modelers to improve their models and the implementation of dynamic vegetation in climate models. In turn, this would then improve the understanding of land cover-climate interactions in the past using climate modelling, and projections of climate change in the future under different anthropogenic land-cover change scenarios.

BASSO NAMED EDITOR OF NEUROPSYCHOLOGY JOURNAL

The University of Tulsa's Michael Basso, McFarlin Professor of Psychology, has been appointed associate editor of The Clinical Neuropsychologist, the official journal of the American Academy of Clinical Neuropsychology. The publication is one of the premiere journals of the psychology field.

Basso's research is concentrated in brain-behavior relationships among people with multiple sclerosis or severe mental illness. He has served as a consulting editor for the Journal of Clinical and Experimental Neuropsychology and the Neuropsychology Review. Basso is a Division 40 Fellow of the American Psychological Association and a member of the International Neuropsychological Society.



ALLAN HARKNESS, professor of psychology at The University of Tulsa, and co-authors Shannon Reynolds and Scott Lilienfeld have been selected as the recipients of the prestigious 2014 Martin Mayman Award by the *Journal of Personality Assessment* for their paper, "A Review of Systems for Psychology and Psychiatry: Adaptive Systems, Personality Psychopathology Five (PSY-5), and the DSM-5."

Harkness and his co-authors will be presented with the award, which includes a plaque and \$500 prize, in Brooklyn, N.Y., on March 6, 2015. Harkness' research interests are the interaction between personality and clinical problems and the application of individual differences science to the design of new therapeutic approaches.

Spring and Summer 2015 Graduates

Collins College of Business

SPRING AND SUMMER 2015

MASTER OF BUSINESS ADMINISTRATION

Kyle G. Andrews
Mackenzie Fagan Ayer
Todd Randall Boaz
Michael Callegari
Thierry Grogan-Bada
Ross Edward Heyman
Jordan Taylor Hunt
John William Jennings
Thomas W. H. Liversage
Ross M. Meunier
Jamie Prokopova
Elaine Nicole Seay
Gnana Prasuna Thallaparthi

MASTER OF BUSINESS ADMINISTRATION/ MASTER OF SCIENCE

David J. Cassel
Christopher Vincent Guglielmo
Andrew James Smith

MASTER OF ACCOUNTANCY

Ryne Andrew Carman
Curtis Andrew French
Joshua Isaac Josephson
Matthew Kundert
Anna Leigh Poplin
Alexander William
Schneider
Rachel Elizabeth Winn

MASTER OF ENERGY BUSINESS

Travis Bowles
William Christopher Bridendolph
Katherine Bruce
Andrew Steven Bush
Kimberly Ann Campbell
Stephen Ciupak
Byron Cottingham
Aaron Daniels
Michael DeShazer
Geraldine Gurry
Sarai Martinez
David Andrew McLellan
Naoman Rasul
Trevor Schultz
William Read Stanley
Scott Wendell

Buford Pollett named Genave King Rogers Assistant Professor of Energy Law and Commerce

Buford Pollett's career as an attorney specializing in international energy affairs has taken him around the world, including France, the Netherlands, Kazakhstan, Dubai and most recently to Iraq — a far cry from the farm he grew up on in rural Georgia.

As far as choosing The University of Tulsa as his next home, Pollett says: "TU has a great reputation, not just domestically, but also internationally. The abilities of the faculty members are very impressive, and they all work well together to create a great experience for students." He will teach energy business courses in both the energy management and master of energy business programs. "One of the things I look forward to is learning from my students," he said. "When I teach courses, I get back perspectives I never would have imagined. These new perspectives enrich me."



For the complete story, click here:

<http://business.utulsa.edu/news/buford-pollett-named-genave-king-rogers-assistant-professor-of-energy-law-and-commerce/>

The Collinses take TU Global Alliance to new vertices!

J. Markham Collins, Edward E. and Helen T. Bartlett Foundation Professor of Finance and Energy, and his wife, Becky (MS '87), who recently retired as president and CEO of Tulsa Global Alliance, were honored by the Tulsa Global Alliance for their contributions to citizen diplomacy and international understanding at the 20th annual Global Vision Awards held Oct. 7 in Tulsa. Also honored were APSCO, Inc. and Philip C. Lauinger, Jr., who received The Nancy and Raymond Feldman Lifetime Achievement Award for Citizen Diplomacy.

During the 1990s, when Becky also taught in the Collins College of Business, the pair secured two important grants that helped launch the international business programs at TU. The goal of the grants was to develop market economics curriculum in Hungary through seminars and workshops. TU partnered with faculty at the University of Veszprem along with U.S. Fulbright award winners in Hungary and representatives of Budapest NGOs in a multifaceted initiative. The Collinses co-authored a dual-language, introductory accounting and finance book.

When in Tulsa, the Collinses were active in Sister City partnerships and hosting international visitors. At various times they served in leadership roles in the Beihai, Zelenograd, and Amiens partnerships.

Mark became a TGA member in 1992, joined the TGA Executive Committee in 2003 and became the board chair in 2006.

He resigned from the board when Becky was named president and CEO in 2007, but remained a TGA member and donor. Becky held the position of president and CEO of Tulsa Global Alliance until she retired in June 2015. She plans to remain active in the organization as a host and volunteer, helping to organize and lead trips to Tulsa's Sister Cities. TGA is a nonprofit volunteer organization that connects people, companies, families, organizations and students from Tulsa and Oklahoma with the rest of the world.



For the complete story, please click here: <http://business.utulsa.edu/news/mark-and-becky-collins-honored-for-global-contributions/>

Cliff swallow research in Royal Society Open Science

Charles R. Brown, professor of biological sciences, has received a five-year, \$148,000 grant from the National Science Foundation for his continuing studies on the social behavior of cliff swallows in western Nebraska. Brown has studied cliff swallows for 34 years. The NSF grant will support his research on how climate-driven selection on group size varies in different years and can cause a range of colony sizes documented within the species' natural habitat.



Brown's paper "Ectoparasitism shortens the breeding season in a colonial bird" was published in the journal Royal Society Open Science in February 2015. The research reports the first evidence that blood-sucking parasites alter the breeding cycle in their bird hosts by shortening the amount of time birds can nest in the summer. Birds that attempt to nest later in the season often fail because parasite numbers increase over time.

"Over a 30-year period, we've fumigated colonies of cliff swallows to remove their parasites, and the birds responded by lengthening their breeding season and sometimes nesting twice in a summer," Brown said.

For the complete story, click here: <http://engineering.utulsa.edu/news/cliff-swallow-news/>

Promoting algae growth to support interplanetary space travel



Back: (left to right): Tyler Johannes, Kenneth Roberts
Front: Daniel Crunkleton, Parameswar Hari and Todd Otanicar

Public interest in space flight is undergoing a resurgence across America as federal and private entities look to the skies with a rekindled curiosity. Flying to Mars is no longer out of reach, but sustaining astronauts in space for an 11-month journey remains a challenge.

In an upcoming research project sponsored by NASA EPSCoR (Experimental Program to Stimulate Competitive Research), a group of faculty from the College of Engineering and Natural Sciences will study how to develop a biologically based life support system for space travel.

"The idea is to use algae as a source of nutrients and find a way to harness harmful or wasted wavelengths in space that are not normally used," said Daniel Crunkleton, associate professor of chemical engineering and director of TU's Institute of Alternative Energy. "We want to optimize the production of algae by using the maximum possible number of wavelengths in the spectrum with nanoparticles." Through the deployment of light's extra wavelengths in space, the TU team plans to perform photonic conversions that allow for chlorophyll absorption.

The three-year, \$750,000 grant is a collaboration between TU's Institutes of Alternative Energy and Nanotechnology. Other researchers will include Associate Professor of Chemistry and Biochemistry Ken Roberts, two graduate students, two undergrads and two faculty from Oklahoma State University and the University of Oklahoma. Research begins Sept. 1, 2015.

For the entire story check it out here: <http://engineering.utulsa.edu/news/nasa-epscor-grant/>

Spring and Summer 2015 Graduates

College of Engineering and Natural Sciences

MASTER OF SCIENCE IN ENGINEERING

Shahriyar Alkhasli
Jose Corcega
Samet Ekinici
Nathan Forrest Hutchins
Jiamin Jiang
Priyanka Kadam
Zack AJ Kirkendoll
Yu Leng
Qi Li
Alison Maskus
Jeremy Ray Massey
Ardianty Nababan
Soham Sheth
Jose Daniel Valbuena Fuenmayor
Stephan J. West

MASTER OF ENGINEERING

Hamdan Mohammed Almalky
Mohammed Al-Naim
Sasi Chaganti
Julio Guimmarra
Kexuan Li
Yaguang Li
Yupei Liu
Hamid Mozafari
Taryn Singleton
Mehmet Tolga Sipahi
Chinmay Telang
Ibrahim Tizlak
Rongguo Xu

MASTER OF SCIENCE

Hadeel H. Alharbi
Sarah Sidy Berger
Cassandra Leigh Bertalott
Andrew Joseph Blank
Susan Nassus Brown
Kylie Brynne Chitwood
Caitlin Tiana Dingle
Amruta Dubewar
Jean Dudek
Zequan Feng
Boris Geoffrey Fonga Tapja
Haley Dyan Fuller
Emily Ann Genske
Mary Elizabeth Hegenbart
Hayley A. Hudspeth
Sarthak Jain
Weibo Liu

Natalie Brooke Mason
Paul Joseph Mills
Emily Anne Neldon
Nitya P. Patel
Kasee Leighan Patterson
Hannah Elizabeth Perrine
Steven Isaac Reed
Christine Rice
Amanda R. Rohling
Philip Royer
Neima Dawn Vandusen
Bhavisha Vashee
Stephanie Danielle Watling
Julia Weber
Jordan Lynne Williams
Shiyun Yu

Spring and Summer 2015 Graduates

Doctor of Philosophy

Miram Abu Daqqa

B.A., Al-Azher University (Egypt)
M.A., University of Rajasthan (India)
Director: Holly Laird

Representations of Arab Women Writers and Their Texts in the West

Feras Alruhaimani

B.S., Kuwait University
M.S., Kuwait University
Director: Cem Sarica

*Experimental Analysis and Theoretical Modeling of High Liquid Viscosity
Two-Phase Upward Vertical Pipe Flow*

Hadi Arabnejad Khanouki

B.E., Shahid Bahonar University of Kerman (Iran)
M.E., Sharif University of Technology (Iran)
Director: Siamack Shirazi

Development of Erosion Equations for Solid Particle and Liquid Droplet Impact

Ben Emmanuel Bbosa

B.S., Makerere University (Uganda)
M.S.E., The University of Tulsa
Director: Evren Ozbayoglu

*Mechanistic Modeling and Experimental Investigation of
Hydrate Transportability in Horizontal Pipelines*

Cas Fay Bridge

B.S., The University of Tulsa
M.S., The University of Tulsa
Director: J. Bryan Tapp

*Assessment and Prediction of Contaminant Fate and Transport
in the Boone Aquifer, Ottawa County, Oklahoma*

Matthew Butler

B.S., The University of Tulsa
M.S., The University of Tulsa
Director: John Hale

An Intrusion Detection System for Heavy Duty Vehicle Networks

Yuanhuang Chen

B.E., Zhejiang University (China)
M.S.E., The University of Tulsa
Director: Mengjiao Yu and Stefan Miska

*Characterization of Heat Flow and Near-Wellbore Stress Field during Mud Loss
and Its Application in Lost Circulation Management*

Muhammad Durrani

B.S., Islamia University of Bahawalpur (Pakistan)
M.S., The University of Tulsa
Director: Jingyi Chen

Quantitative Seismic Reservoir Characterization of Tight Sands (Granite Wash) Play at Stiles Ranch Field in the Anadarko Basin, Texas (USA)

Michael Haney

B.S., University of Kentucky
M.S., The University of Tulsa
Director: John Hale

A Method for Preserving Privacy in Network Monitoring

Spring and Summer 2015 Graduates

Doctor of Philosophy Cont...

Hamidreza Karami Mirazizi

B.S., Sharif University of Technology (Iran)

M.S.E., The University of Tulsa

Director: Cem Sarica

Low Liquid Loading Three-Phase Flow and Effects of Meg on Blow Behavior

Hyundong Ko

B.A., Chungbuk National University (South Korea)

M.A., Chungbuk National University (South Korea)

Director: Lars Engle

Spiritual Homosociality in English Renaissance Drama

Naga Durgarao Koduri

B.S., Andhra University (India)

M.S., Bharathidasan University (India)

Director: Syed Hussaini

Development of C-C Bond Forming Methods for the Synthesis of Enaminones and Chiral Amine Containing Smoking Cessation Agents

Kamyar Najmi

B.S., Ferdowsi University of Mashdad (Iran)

M.S., University of Tehran (Iran)

Director: Brenton McLaury

*Particle Transport in Single-Phase and Multiphase Horizontal Pipes
with Emphasis on the Effect of Viscosity*

Hung Nhu Nguyen

B.S., Hanoi University of Mining and Geology

M.S., Hanoi University of Mining and Geology

Director: Ram Mohan

Droplet Deposition and Coalescence in Curved Pipes

Kelsey Parker

B.A., The University of Tulsa

M.A., The University of Tulsa

Director: Bradley Brummel

*Aggression against Journalists: Understanding Occupational Intimidation of Journalists
Using Comparisons with Sexual Harassment*

Ake Rittirong

B.E., Chulalongkorn University (Thailand)

M.S.E., The University of Tulsa

Director: Ake Rittirong

Paraffin Deposition under Two Phase Gas Oil Slug Flow in Horizontal Pipes

Robert Gregory Stone

B.A., Northeastern State University

M.A., Northeastern State University

Director: Robert Jackson

Cultivating Controversy: The Performance of Reform in the Early American Lyceum, 1826-1850

Ellen Terry

B.A., University of Texas at Arlington

M.A., The University of Tulsa

Director: Jamie Rhudy

Does Experimental Reduction of Pain Catastrophizing Modulate Spinal Nociception?

CONGRATULATIONS TO ALL THE GRADUATES OF 2015!