New Ph.D. Program in Computer Engineering

The 2013 fall semester marks the beginning of our new collaborative doctoral program in Computer Engineering, a joint endeavor by the Tandy School of Computer Science and the Department of Electrical Engineering.

The program provides opportunities for advanced specialization and creative research in computer engineering. Graduates of the program will have the ability to continuously adapt and thrive in the rapidly changing discipline of computer engineering, and to conceive and create products that are vital to all sectors of society. The creation of the joint Ph.D. Program in Computer Engineering will also enable Electrical Engineering faculty members to take on doctoral students for the first time.

Computer engineering covers the design and implementation of physical hardware (e.g., integrated circuits, transistors and analog circuitry) and software (e.g. operating systems, applications and user interfaces) and their integration in modern computers, networks and embedded devices. As such, computer engineers conceive and create products that are vital to all sectors of society. Possible avenues of research for future doctoral students in the program will include computer systems and networks, embedded devices, industrial control systems, and applications.

For more information on the program, please contact the program advisors:

Dr. Heng-Meng Tai, Electrical Engineering, tai@utulsa.edu
Dr. Sujeet Shenoi, Computer Science, sujeet@utulsa.edu

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McFarlin Group Study Room

McFarlin Library, TU’s Academic Town Square, now offers a Group Study Room for enrolled TU students who need a quiet place for a group of 2 to 8 students working together on class projects, exam preparation, etc. The Group Study Room will be available for student use beginning on Monday, March 4, 2013.

This space can be reserved, during regular library hours, for up to three (3) hours at a time. The study room is on the third floor of McFarlin Library, next to the new Helen N. Wallace Writing Center at the east end of the building (facing Kendall Hall). The room is furnished with a large conference table, comfortable study chairs, a large whiteboard, and Internet connectivity.

Additional information about use of the study room and a link to the online Reservation Form can be found on the McFarlin Library homepage http://www.lib.utulsa.edu/pdf/McFarlinLibraryGroupStudyPolicy.pdf.

If you have questions about the Group Study Room at McFarlin Library, contact Sandy Henderson, Administrative Assistant, at 918-631-3552 or sandy-henderson@utulsa.edu.

McFarlin Survival Guide for Library Research
5:30 pm to 7:00 pm - McFarlin, IClass A

Surviving Graduate School: Tips for Successfully Managing Your Degree Program
5:30 pm to 7:00 pm - ACAC, Gallery

Research Integrity
9:40 am to 10:20 am - ACAC, Gallery

Harassment: Defining It, Avoiding It, & Reporting It
10:30 am to 11:15 am - ACAC, Gallery

Plagiarism and How to Avoid It
11:25 am to 12:25 pm - ACAC, Gallery

For additional information on these workshops, http://www.utulsa.edu/academics/colleges/Graduate-School/Current-Student-Information/Life-Skills-Workshop.aspx

UPCOMING EVENTS

OCTOBER 8
McFarlin Survival Guide for Library Research
5:30 pm to 7:00 pm - McFarlin, IClass A

OCTOBER 24
Surviving Graduate School: Tips for Successfully Managing Your Degree Program
5:30 pm to 7:00 pm - ACAC, Gallery

JANUARY 10
Research Integrity
9:40 am to 10:20 am - ACAC, Gallery

JANUARY 10
Harassment: Defining It, Avoiding It, & Reporting It
10:30 am to 11:15 am - ACAC, Gallery

JANUARY 10
Plagiarism and How to Avoid It
11:25 am to 12:25 pm - ACAC, Gallery

GRADUATE FELLOWSHIPS, ASSISTANTS, AND SCHOLARSHIPS

Qualified applicants must be United States citizens and either seeking admission or enrolled as a full-time graduate student in the applicable graduate program.

- The Ben Henneke Research Fellowship
  (Master's students in Arts & Humanities)

- The Wilfred Woobank Graduate Assistantship
  (Natural Sciences & Engineering graduate degree programs)

- The Foster Brooks Parriott Graduate Scholarship
  (All Disciplines)

Applications are available in the Graduate School Office, Lorton Hall 201, and are due by 5:00 p.m. on January 16!

If you have any questions, please call 631-2336.
TU Launches India Alumni Club

The University of Tulsa Alumni Association announces its first alumni club outside the United States. The official launch of the India Alumni Club took place in March with three receptions in New Delhi, Pune and Bangalore. It is led by alumni Samarth Patwardhan (MS ’05) and Manasi Kelkar (MS ’03, PhD ’07).

“TU students now come from 44 states and 46 nations, and our Alumni Association should reflect our growing international population,” said Laurie Brumbaugh (BS ’78), national board president of the Alumni Association. “I am thrilled to launch our first international alumni club and look forward to the Alumni Association growing domestically and internationally.”

20 Minute Mentor Commons Subscription Now Active

The university has a subscription to the 20 Minute Mentor Commons. Available online 24/7. This online resource offers short, practical discussions about common teaching challenges like: How do I give feedback that improves student writing? How do I get students to read assignments before class? How do I best grade class participation? What are my students’ test results telling me? How can I make my exams more about learning and less about grading? As a member of our campus community this online resource from Magna Publications is available at no cost to you.

To access any of the discussions in the 20 Minute Mentor series, you’ll need to:

Create a new account
1. Go to www.magnapubs.com/account
2. For new users, click Create an Account. Complete all Required Information fields and click Create Account.
   (NOTE: a verification email will be sent to the email address used to register. Click the link in the email to validate your account. This must be done within 48 hours or your account will not be created)

Activate your Magna account
1. Go to www.mentorcommons.com
2. Click orange “Enter Authorization Code” button
3. Enter your email or username and your unique password and click “Login”
4. In the box, enter your group’s Authorization Code: TULSA9526
5. Select Activate to access 20 Minute Mentor Commons
6. Use the “Click here” option to access Mentor Commons. Access or search any of the featured programs.

If you have any trouble accessing the 20 Minute Mentor Commons, email Henneke-center@utulsa.edu.
Spring & Summer 2013
Chapmen Graduate Scholar Grant Recipients

The University of Tulsa Chapman Graduate Scholar Presentation Awards Program provides assistance for graduate students to present their scholarship in a national or international forum to enhance the student’s career opportunities.

MASTER STUDENT AWARDS


Erge, Oney. “Effect of Drillstring Deflection and Rotary Speed on Annular Frictional Pressure Losses”. ASME 32nd International Conference on Ocean, Offshore, and Arctic Engineering (June 2013).

Heroux, Jordan. "I Got It From My Mama': PSY-5-RF Scores and Occurrence of First and Second Degree Relative Psychological Treatment.” Symposium on Recent MMPI/MMPI-2-RF/MMPI-A Research (May 2013)


Jones, Paige. “Validity of the Revised Version of the MMPI-A Based Personality Psychopathology Five (PSY-5) in a Secure Juvenile Treatment Facility.” 48th Annual Symposium on Recent Research with the MMPA (May 2013)


Mraz, Veronica. “An Intensive Examination of Environmental and Cultural Changes from the Plains Woodland to Plains Village Periods Comparing Lithic Assemblages from the Cross Timbers to the Bluestem Prairie.” Society for American Archaeology (April 2013)


Woolie, Karen. “A Tickler Tape Parade: Gertrude Stein's Portraits, Film and Cubism.” The Tangible (April 2013)

DOCTORAL STUDENT AWARDS


Bell, Colleen. "Comparison Between 3D Geometric Morphometric Analysis over Traditional Linear Methods in Lithic Assemblages; Tor Farj, Jordan, a Middle Paleolithic Site as a Case Study." Society for American Archaeology 78th Annual Meeting (April 2013).


Hale, Matthew. "A Design and Verification Framework for Service Composition in the Cloud; Building a Compliance Vocabulary to Embed Security Controls in Cloud SLAs." IEEE 9th World Congress on Services (June 2013).

Heroux, Jordan. "'I Got It From My Mama': PSY-5-RF Scores and Occurrence of First and Second Degree Relative Psychological Treatment." Symposium on Recent MMPI/MMPI-s-RF/MMPI-A Research (May 2013).


Morrison, Catherine. "Personality Psychopathy Five (PSY-5), Personality Inventory for DSM-5(PID-5), and Sexual Behavior in University Students." 75th Annual Society for Personality Assessment Meeting (March 2013).

DOCTORAL STUDENT AWARDS CTD


Parker, Kelsey. "Examining the Curvilinear Relationship Between Income and Job Satisfaction." Society for Industrial Organizational Psychology (April 2013)


Pordel Shahri, Mojtaba. "Modified Inversion Technique for Determining the In-situ Stress Field and Reservoir Stress Path." 2013 SPE Western Regional and AAPG Pacific Section Meeting (April 2013).


Williams, Kate. “Abandoning Motherhood in Toni Morrison's Beloved and Marilynne Robinson's Housekeeping." Northeast Modern Language Association (March 2013)


TU Business Card Option for Graduate Students

Whatever field or discipline, business cards are a must for any networking/professional event. They allow you to circulate contact information efficiently and professionally, making a good impression on future employers, colleagues, and research associates. Now the Graduate School office can help by offering an option to have TU Business Cards for graduate student use for a nominal production charge.

Graduate students wishing to have TU business cards must follow a particular procedure and submit the necessary forms, which are available on the Graduate School website under the Forms section of Current Student Information. They must also be currently enrolled TU graduate students with a minimum 3.0 graduate GPA.

Once the paperwork has been completed by the student, the business card request must be approved by the program advisor, Collegiate Dean, and the Dean of the Graduate School. (Note: You do not need to have a graduate assistantship/fellowship/scholarship to apply for university business cards.)

The cost is $26.70 for 250 cards, which must be covered by the student or the student’s department, or 20 cards for free. Delivery normally takes approximately two weeks after the Graduate School has approved the request and Purchasing receives all the necessary information. Delivery of rush business card orders normally takes three to four days.

If you are interested in applying for TU Business Cards, visit http://www.utulsa.edu/academics/colleges/Graduate-School/Current-Student-Information/Forms.aspx for the form.
Research Colloquium Continues to Grow in 16th Year

Our university community should be proud of our students' performance in the recent joint meeting of the 16th Annual TU Student Research Colloquium and 11th Annual OU-Tulsa Research Forum. This is the third time our TU students went to the Schusterman campus to participate in the poster competition and the OU-Tulsa students came to our campus to participate in the oral sessions. Congratulations to our winners and participants as presenters, session chairs, and judges.

There were a total of 212 oral and poster presentations made during the meeting as well as our keynote speaker, Beth Terry of the Plastic Pollution Coalition. We had 159 TU students deliver oral presentations and 19 TU students participate in the poster session. The remaining presentations were given by OU-Tulsa students.

At the Awards Banquet, the winners of the Research Colloquium awards for oral presentations and our college poster presentations were announced. The competition was keen and all students did a wonderful job. 24 TU students received colloquium awards this year, demonstrating the high participation seen this year in oral and poster presentations. Award winners are listed below with the title of their abstracts.

Our students are to be commended for more than their personal performance; this is a student-led function with committee members Melissa Antonucci, Jatin Agarwal, Kevin Farmer, Soumya Yadala, Samantha Overstreet, and Cynthia Onyechere determining the overall organization of the Colloquium, and graduate and undergraduate students serving as session chairs and judges. I also greatly appreciate the faculty and staff that judged and therefore helped make this event a success. A total of 63 judges and 30 session chairs covered all the oral and poster presentation sessions.

In addition to the general contributed paper sessions, we also had a number of people step forward to organize special topic symposium. We had 13 special topic symposia included in this year’s event, 4 of which were organized by TU students and 9 by TU faculty or staff. For a full list of the included presentations and the titles of this year’s special topic symposia, please see the meeting program included below.

Please congratulate all student participants, judges, session chairs, and co-chairs as well as the faculty and staff judges for a job well done. Please consider participating in next year’s colloquium which will be held on March 31 – April 5, 2014.

For a full list of last year’s winners and a complete copy of the program, visit www.utulsa.edu/research_colloquium.
GSA Senate Welcomes New Departmental Reps

Each graduate program has representation on the senate this year, demonstrating the strength and scope of our growing graduate student community. Below is a list of the senators that will be serving GSA senate for the upcoming academic year. Please touch base with your departmental senator if you have any concerns or programming requests you would like to see GSA address. They are here to represent you to the graduate community.

Anthropology: Heather McGuire and Jenna Pirtle
Biochemistry/Chemistry: Wesley Williams and Kevin Farmer
Biology: Timothy Golden and Samuel Martin
Business: Keley Flores
Chemical Engineering: Brianna Christian, Yang He, and Justin Smith
Clinical Psychology: Kelsey Hancock, James School, and Jennifer Steward
Computer Science: Sterling West and Lizzy Alonzi
Education: William Martin and Alexandra Savage
Electrical Engineering: Dimas Ruiliandi
Energy Business: Stephen Ciupak
English Language & Literature: Carlos Acosta Ponce, H. Mannucci, and Chris Leonard
Finance: Michael Balp and Leroy Flint
Geosciences: Cas Bridges, Tyler Tripplehorn and Mohamed El-Waraky
History: Arley Ward and Leanna Duncan
I/O Psychology: Mandi Laurie, Caroline Lindemuth, and Beth Zwierko
Mathematics: Aaron Hill
Mechanical Engineering: Jose Corcega, Maryam Fabar, and Mazdak Parsi
Museum Science & Management: Lauren Schill
Petroleum Engineering: Konark Ogra and Gulmira Zhabagina,
Speech Pathology: Emily Neldon and Lauren Waters

Appreciation Week Continued

President Steadman Upham declared March 4-8, 2013 Graduate Student Appreciation Week at the University of Tulsa. This marks the second year TU has declared an appreciation event for our graduate student community.

Programming included daily morning coffee breaks, an off-campus pub crawl, a movie night, a bowling event, a family picnic, as well as recognition events for our active Ph.D. candidates and our GSA senate and officers.

The week’s events were a great success and GSA looks forward to continuing this tradition again in the upcoming Spring semester.
Spring 2013
Arts & Sciences Graduates

DOCTORAL STUDENTS

JENNIFER FULLER, Ph.D. - English Language & Literature
COURTNEY NELSON, Ph.D. - Industrial/Organizational Psychology
KATHRYN PACKELL, Ph.D. - Industrial/Organizational Psychology
TAEH WARD, Ph.D. - Clinical Psychology
KIMBERLY WILSON, Ph.D. - Industrial/Organizational Psychology

MASTER STUDENTS

SHANNA ALDERINK, M.S. - Speech Pathology
BUDUR ALHARBI, M.A. - Education
HUDA AL-NASSIR, M.A. - Education
RACHEL ALSTON, M.S. - Speech Pathology
MACKENZIE AYER, M.A. - I/O Psychology
HANNAH BERNSTEIN, M.S. - Speech Pathology
ANNE BRANDFORD, M.S. - Speech Pathology
MARCUS BURGARDT, M.S. - Speech Pathology
CHRISTI BURROWS, M.S. - Speech Pathology
ANDRE COOKS, M.A. - I/O Psychology
CAROLE COTHRAI, M.S. - Speech Pathology
KATHERINE CUNNINGHAM, M.A. - Clinical Psychology
CRISTIANA DA SILVA PRADO, M.F.A. - Art
APRIL DILLARD, M.A. - Education
JESSICA FONDELL, M.S. - Speech Pathology
LAUREN GEBHARD, M.S. - Speech Pathology
AMANDA GONZALES, M.S. - Speech Pathology
ALEXANDRA GREL, M.A. - Education
KATHERINE GRIGGS, M.S. - Speech Pathology
LINDA HUDSON, M.A. - English Language & Literature
DIANA KELLY, M.S. - Speech Pathology
ANDREW KROPFF, M.S. - I/O Psychology
SARAH LEGARE, M.S. - Speech Pathology
HANNAH LLOYD, M.S. - Speech Pathology
IRINA MALOVA, M.A. - Education
JENNIFER MARTIN, M.A. - Anthropology
SATIN MARTIN, M.A. - I/O Psychology
REBECCA McWILLIAMS, M.A. - History

ASHLEY MILLER, M.S. - Clinical Psychology
BRIAN MILLER, M.A. - I/O Psychology
KATHERINE MILLER, M.A. - Clinical Psychology
CLINTON MOHS, M.A. - English Language & Literature
MEGAN O'NEAL, M.A. - Museum Science & Mgmt
SAMANTHA OVERSTREET, M.A. - Clinical Psychology
ALISON PICKENS, M.S. - Speech Pathology
AUDREY POLITO, M.S. - Speech Pathology
WILLIAM QUINN, M.A. - English Language & Literature
RANU ROY, M.S. - Math & Science Education
MATTHEW SIMMONS, M.A. - History
NATALIE SLATER, M.F.A. - Art
EMMA SLOAN, M.A. - English Literature
KARI STOCKTON, M.S. - Speech Pathology
JOHN THAO, M.A. - Education
JONATHAN TINNIN, M.A. - English Language & Literature
ANGELA VACCARI, M.S. - Speech Pathology
KARA VAUGHN, M.A. - Education
JANAE VOELKER, M.A. - Education
JENNA VOLPE, M.S. - Speech Pathology
KELLY WADSWORTH, M.A. - Museum Science & Mgmt
ZILIN WANG, M.A. - Museum Science & Mgmt
EMILY WEIR, M.S. - Speech Pathology
Tiffany Williams, M.A. - Education
KAREN WOOLIE, M.A. - English Language & Literature
ROBERT YEATES, M.A. - English Language & Literature
BILLIJO ZORN, M.F.A. - Art
A group of University of Tulsa graduate Anthropology students recently concluded a series of detailed investigations into some of Tulsa’s most forgotten neighborhoods. The results are helping to advance a major preservation program at the Oklahoma Historic Preservation Office. Associate Professor of Anthropology Thomas Foster assigned his Cultural Resources Management class to research a Tulsa neighborhood for the spring semester.

"Understanding the past is crucial to understanding the present and future; it’s important for economic development and can contribute to heritage tourism," Foster says. “Well-preserved historic districts increase property values and quality of life.”

Alumna and current doctoral student Alicia Odewale (MA ’12) was assigned the Louisville Heights neighborhood, also referred to as the Jackson neighborhood, a four-square-block area in north Tulsa. Research also was conducted on the Patrick Henry, Lee-Mack, Daniel, Lakeview Heights, and Maplewood neighborhoods. Odewale and her classmates turned to the Internet, the Tulsa Central Library, archives in the special collections department of TU’s McFarlin Library, Google Maps and the Oklahoma Tax Assessor’s Office for data. Odewale even drove around the area and contacted the Louisville Heights/Jackson Neighborhood Association. The students’ research will help decide if the areas still have integrity and can be used for historical context.

“Both the community and the state benefit from this project,” Foster says. “This type of research usually would have to be conducted by state employees and paid for by Oklahoma taxpayers. Through community engagement, this project is another way TU contributes to the city of Tulsa.”

For the full article, visit http://www.utulsa.edu/about-TU/news-events-publications/UniversityNews.aspx

In 2013, the American Research Institute of the South Caucasus (ARISC) and the Institute of Geology of the Armenian Academy of Sciences sponsored University of Tulsa, anthropology professor, Dr. Miriam Belmaker, and Dr. Ruzan Mkrtchyan of Yerevan State University to curate (preserve, catalogue, and digitize) the human remains collection at the Yerevan State University and to make the content of the collections accessible via publication and online platform to the research community, thereby drawing new research to Armenia and preserving knowledge regarding the heritage of Armenia which can be derived from its paleo-population.

At a seminar this summer, at the Museum of Geology in Yerevan, Dr. Belmaker, Dr. Mkrtchyan, and TU doctoral Apolo-ogy student, Colleen Bell, talked about the collection, its importance and scientific uses. This research group also included Geosciences doctoral student, Cas Bridges.
Psychology Students Attend European Pain School

Two University of Tulsa clinical psychology graduate students recently attended the European Pain School (EPS) in Siena, Italy. The annual weeklong program invites 30 pain investigators from around the world to learn about current research in pain modulation and processing.

TU doctoral students Shreela Palit (BS ’11) and Ellen Terry (MA ’10), who are advised by Associate Professor Jamie Rhudy, were selected to attend from a competitive pool of 90 applicants. Palit and Terry connected with fellow peers, conducted an oral Powerpoint presentation on their research and received direct mentorship from renowned international pain researchers. Program participants also attended lectures and hands-on seminars focused on professional development.

Palit says she was fortunate to represent TU abroad. “Attending EPS was one of the most rewarding experiences I’ve ever had,” she says. “I enjoyed connecting with other young investigators who are just as passionate as me about studying pain.”

Terry says the program not only strengthened her personal research project but highlighted the importance of animal studies. “I used to focus largely on human research literature, but now I have a renewed appreciation for findings related to animal research,” she says.

Prof. Newman Helps Launch National Project in Trauma Care

McFarlin Professor of Psychology Elana Newman and fellow American Psychological Association (APA) member Joan Cook, associate professor of psychiatry at Yale University, hosted a conference in April at the Yale School of Medicine to present the basic knowledge, skill set and methods needed to effectively treat patients. “Advancing the Science of Education, Training and Practice in Trauma” welcomed 60 national experts in psychology, social work and psychiatry for three days of interactive working groups. The competencies focused on scientific knowledge about trauma, psychosocial assessment, psychosocial intervention, professionalism and relational systems.

Newman and Cook say this standard model for treating trauma-related mental health issues will serve as a resource for providers. Primary funding for the conference was provided by the Agency for Healthcare Research and Quality with support from the APA’s Division of Trauma Psychology, its Board of Educational Affairs, the U.S. Department of Veterans Affairs (VA), the National Center for PTSD and the VA’s National Center for Homelessness.
Psychology Chair Receives OU Distinguished Service Award

Judy Berry, chair of The University of Tulsa Psychology Department, was recognized with a University of Oklahoma Distinguished Service award on Feb. 22 in Norman. Berry was honored during the OU College of Arts and Sciences annual Kaleidoscope Evening ceremony.

Berry received a bachelor’s in speech/language pathology from OU and a master’s in speech/language pathology from Kansas State University before completing a doctorate in counseling psychology at TU. Since 2004, she has been a member of the OU College of Arts and Sciences Board of Visitors where she mentors students in the OU Leadership Scholars Program. For six years, Berry served as chair of the OU Kaleidoscope Committee creating a fun and festive atmosphere for honored alumni while raising funds for scholarships.

She specializes in the areas of developmental and family psychology at TU and is a member of the American Psychological Association, National Council on Family Relations and the Council for Exceptional Children.

Dr. Tett Named SIOP Fellow

Congratulations to Dr. Robert Tett, Associate Professor of Psychology and Graduate Advisor for the Industrial/Organizational Psychology program. He became a Society of Industrial/Organizational Psychologists (SIOP) Fellow this past spring!

Society Fellows are distinguished industrial and organizational psychologists who have made an unusual and outstanding contribution to the field. Dr. Tett’s research is personality is highly cited and has significantly impacted the field.

Congrats
Dr. Berry and Dr. Tett!
Faculty Updates

Dr. Jonathan Arnold, Assistant Professor of History, will present a paper treating the hazards of travel in post-Roman Gaul and Italy at the 48th International Congress on Medieval Studies at Western Michigan University. His article, “Theoderic’s Invincible Moustache,” will be published in the Journal of Late Antiquity, and he recently completed a number of entries for the forthcoming Oxford Dictionary of Late Antiquity.

Dr. Thomas Foster, Associate Professor of Anthropology, will be a participant in the Muskogean Symposium held in October 2013 at the Muscogee (Creek) Nation Tribal Complex in Muskogee, Oklahoma.

Dr. Brian Hosmer, H.G. Barnard Associate Professor of Western American History, recently co-published the book Tribal Worlds: Critical Studies in American Indian National Building. Hosmer co-authored the project with Larry Nesper, professor of anthropology and American Indian studies at the University of Wisconsin-Madison. Tribal Worlds discusses the emergence and livelihoods of an indigenous nationhood in geographical and historical settings of North America. Ethnographers and historians address issues of belonging, peoples, sovereignty, conflict, economy, and identity among the Northern Cheyenne, Kiowa of the Plains and several other colonies. Hosmer has written or co-authored three other books on Western American history and is the editor of Native Americans and the Legacy of Harry S. Truman. His TU research focuses on economic change in 20th century American Indian communities and American Indian labor history.

Dr. Jeremy Kuzmarov, Jay P. Walker Assistant Professor of American History, has an article, “‘You Have to Not Mind Killing Innocents’: American COIN operations in Afghanistan and the Violence of Empire,” that was published by New Press this summer in the book, Hearts and Minds: A People’s History of Counter-Insurgency.

Dr. Kristen Oertel', Mary Frances Barnard Associate Professor of 19th Century History released Bleeding Borders: Race, Gender, and Violence in Pre-Civil War Kansas is new in paperback April 2013, and available by ebook. Kristen will travel to San Francisco in April to participate in a roundtable discussion called, “Harriet Tubman: Crossings and Commemoration,” at the Organization of American Historians’ annual meeting. 2013 marks the centennial of Tubman’s death, and the panel will bring attention to the explosion of new scholarship on slave resistance in general and on Tubman specifically. Kristen also plans to visit the Harriet Tubman home in Auburn, New York, this summer and to consult several archives in upstate New York as she continues her research for the Tubman biography.

Dr. Andrew Wood, Stanley Rutland Professor of American History, has books on Latin American migration to the U.S. Heartland (University of Illinois Press) and Mexican popular composer Agustín Lara (Oxford University Press) that were published last spring.

In April of 2012 University of Tulsa Professor of English, Yevgeny Yevtushenko and English graduate student/James Bachman read from their common translation a new Yevtushenko’s love poem entitled “Dora Franco: A Delayed Confession.” The poem, which was written and performed at the University of Tulsa, was warmly received by an audience of professors, students and interested spectators. On September 22, 2012, an Italian translation of the poem earned international acclaim when Yevtushenko received the Lerici Pea, a prestigious Italian poetry prize. To receive the prize Yevtushenko visited the quaint but famous town of Liguria, a place that has enamored writers such as Lord Byron, Percy Shelley and Ernest Hemingway. Yevtushenko joins an elite group of recent recipients of the prize, which has been received by Ivo Bonnefoy (France), Lawrence Ferlinghetti (USA), Hans Magnus Enzensberger (Germany), Adonis (Siria), Jesper Swenbro (Algier) and Bella Akhvadulina (Russia). On September 19, before receiving the prize, Yevtushenko participated in an introduction of the giant Picasso exhibit that recently opened at the Palazzo Reale Milan. At this event he shared a story about a personal encounter with the great artist and recited a poem about one of Picasso’s paintings. Additionally, Yevtushenko performed a reading of his poem in Italian translation with a group of actors. The Lerici Pea was awarded to Yevtushenko for his continuation of the great literary traditions established by classic Russian writers such as Pushkin and Mayakovsky. This was the 11th literary prize received by Yevtushenko in Italy. During the prize ceremony, Yevtushenko also received a medal of honor sent to him by the president of the Italian Republic.
Student Updates

Laura Bryant, Master’s Student in Museum Science, and Hannah Heffington, Master’s student in Anthropology, worked at Navico over the summer, a marine electronics company. Their work in the Navico archive began as a chaotic pile of disorganized boxes and ended an organized resource room. (RIGHT)

Caroline Chandler and Michelle Henley, Master’s students in Museum Science, worked at Gilcrease Museum with the Britzman Collection, which includes photographs and letters by Charles Russell and his family and acquaintances. Caroline numbered the collection for entry into the TMS Database, and Michelle sorted duplicate photographs for TU Special Collections. (LEFT)

Katherine Cunningham, Ph.D. Clinical Psychology student, was featured in Urban Tulsa this past spring regarding her pre-candidacy research. Full article can be found at http://www.urbantulsa.com/gyrobase/Content?oid=oid%3A62973.

Susan Drevo, Ph.D. Clinical Psychology student, presented at a panel at ECOTS in Bologna Italy this past spring. She was accompanied to the conference by Dr. Elana Newman and doctoral student Namik Kirlic.

Leanna Duncan, Matthew Simmons, and Arley Ward (MAs History) were invited to participate in a one-day workshop at the University of Oklahoma. The meeting paired TU graduate students with OU counterparts in three sessions, each moderated by a faculty member from either TU or OU.

Leanna Duncan and Kelly Wadsworth presented papers at the national Gender Matters history conference in Chicago, April 12-13, 2013.

Namik Kirlic, Ph.D. Clinical Psychology student, was appointed to the Editorial board of the European Journal of Psychotraumatology. His recent publication in the Journal of Studies of Alcohol and Drugs has also garnered a great deal of press. (RIGHT)

Shreela Palit, Ph.D. Clinical Psychology student, recently received an NSF Graduate Fellowship. She is specializing in pain psychophysiology and currently serves as laboratory manager in Dr. Rhudy’s Psychophysiology Laboratory for Affective Neuroscience.

Shannon Robinson, Master’s Student in Education, was invited to attend the Philosophy of Education Society of Great Britain summer school program and the Spencer Foundation Philosophy of Education Summer Institute.

Arley Ward (MA History) placed 2nd in the U.S. History/Graduate student division for best re-search paper which he presented at the Phi Alpha Theta conference held at Oklahoma State University, Saturday, February 23, 2013. His paper is titled “The Oklahoma Eagle: A Missing Link in Civil Rights History.”
TU Collins College of Business Breaks Top 100

For the first time, The University of Tulsa Collins College of Business is among the top 100 graduate business schools in the nation, coming in at 93rd in the *U.S. News and World Report 2014 rankings*.

The survey also shows strong career performance among TU graduate business program graduates, with 90 percent employed at graduation and 100 percent employed within three months of graduation. The average reported starting salary is $58,202. (Only two other top 100 graduate business schools have a higher percentage of employment upon graduation: Oklahoma State University and University of Arkansas-Fayetteville).

The U.S. News ranking follows recent success in surveys conducted by Bloomberg Businessweek. For the past two years, that organization has recognized TU's Collins College of Business undergraduate program among the top 50 in the nation. And last summer, Collins was ranked No. 1 for undergraduate financial aid.

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**Spring 2013 Collins College of Business Graduates**

**MASTER OF SCIENCE IN FINANCE**

CHUXIN AI  
RUSSELL ARNOLD  
BENJAMIN BERMAN  
ZACHARY BIGELOW  
LINSEY BOLTE  
ANDREW BUBERT  
DANIEL CHARBONEAU  
HAILEE COCANOUGHER  
ALLEN COFFER  
AMBER COLLIER

**MASTER OF BUSINESS ADMINISTRATION**

SPENCER COONS  
HALEY DAHL  
STEPHANIE DUDLEY  
SIEW MOON ENG  
STEVEN FREBERG  
JOHN GLADD  
ELLIOET GRIBAUDO  
JONATHAN HANISCH  
HAILEY HINCH  
OLAF JAROCHEWSKI  
ALEX LEACH

**MASTER OF BUSINESS ADMINISTRATION/MASTER OF SCIENCE IN FINANCE**

CAITLYN LINCOLN  
KATHRYN NISKERN  
CYNTHIA ONYECHERE  
ERIC RUTTER  
KAYCEE SHLEICH  
MICHELLE SIENG  
MARK TURPIN, JR  
JONATHAN WATSON  
LUKE WESTERFIELD  
JIALI YANG

**MASTER OF TAXATION**

RYAN HARBUCK  
TRENT MITCHELL  
ROBERT PORTER  
TRALYNNA SCOTT  
KAILTIN SHARPE  
RICHARD VOGT  
CATHLENE WIEDEHOEFT

**MASTER OF ACCOUNTANCY**

SARAH BLOCK  
KATIE KLAUS  
CAITLIN ROMMEL
Graduate Teams Takes Top Honors at 2013 D.W. Reynolds Governor's Cup

University of Tulsa teams took top honors in both the graduate and undergraduate divisions of the 2013 Donald W. Reynolds Governor’s Cup.

The Governor’s Cup collegiate business plan competition simulates the process of creating a business plan and pitching the idea to potential investors. Forty-eight student teams from 15 Oklahoma universities and colleges competed in this year’s event.

TU teams Echocharge and Turtle One earned first and third place, respectively, in the High Growth Graduate Division.

After submitting business plans in the first round of competition, the teams advanced to the oral presentation finals on April 13. The presentations were judged by nearly 50 business leaders, investors and entrepreneurs.

By winning at the state level, Code Echocharge moved on to an oral competition held in Las Vegas, Nev., May 20-22. They faced first- and second-place teams in the graduate divisions from Arkansas and Nevada.

Claire Cornell, assistant director of entrepreneurship, served as adviser for the two graduate teams, EchoCharge and Turtle One.

Under the advisement of Parameswar Harikumar, Associate Professor of Engineering Physics, Team Echocharge members Martin Green, Bingjie Ji, Reid Johnston and Katherine Sind developed a nanostructured device for extending cell phone battery life. Through nanotechnology, the group harnessed energy from the voice of the phone user and surrounding noise vibrations. The energy is recycled back to the cell phone battery, increasing its capacity up to 20 percent. The team was awarded $20,000 for its first place win.

Nick Wood and Phoebe Hardwicke are Team Turtle One. They developed a database search technique that retrieves information and produces results five times faster than current methods. The technique is compatible with MySQL, an open source database management system.

The Governor’s Cup is managed by the technology company i2E Inc., and is underwritten by sponsors including the Donald W. Reynolds Foundation, AT&T, Phillips66 and State Regents for Higher Education.
Birds appear to have the ability to rapidly evolve in order to avoid new urban threats such as cars, according to new research conducted by University of Tulsa Biological Science Professor Charles R. Brown. His findings are published in the March 18 edition of the science journal Current Biology.

Brown, his colleague Mary Bomberger Brown at the University of Nebraska-Lincoln, and many undergraduate assistants have studied the group living patterns of cliff swallows in western Nebraska for three decades. They have collected hundreds of dead cliff swallows from roadways, railroad tracks and other nesting areas, and recent analysis of these specimens revealed a surprising trend.

“There were fewer road kills, and the birds found along highways had longer wing spans,” Brown said. “I wanted to know if there was selection for particular characteristics in those dead birds.”

Brown’s team began a retrospective analysis, measuring the specimens in his 30-year collection. The results suggested cliff swallows were undergoing morphological changes through natural selection.

“The study shows evolution can work on very short time scales (30 years), and certain traits in birds can change,” Brown said. “These animals have adapted to their high-traffic, urban environments, perhaps in part with shorter wing spans that may provide greater maneuverability and a better chance of avoiding vehicles.”

Brown said the findings suggest cliff swallows also have the ability to learn from other members of their colony; when they see other birds succumb to traffic on highways or have a close encounter with a car, they can learn to avoid the vehicles for survival.

“It was a fortuitous discovery, but biologists may find similar examples of how animals adapt to human landscapes and land use,” Brown said.
Dr. Warren Booth, Assistant Professor in Biological Science, has been selected to receive a matching grant from LI-COR Biosciences for the purchase of a new LI-COR instrument with advanced DNA sequencing capabilities. The instrument package will enable us to do the following research:

**Sequencing** - DNA Sequencing of single stranded, double stranded, or PCR products. Labeled infrared primers are the primary chemistry for most of your reactions, with infrared terminators available for special situations (e.g. single pass sequencing of a particular region).

**Microsatellites** - Microsatellite genotyping of diploid organisms for biodiversity, forensic, mapping, or association analysis research. This technique requires knowledge of microsatellite regions for the target organism.

**AFLP®** - AFLP® genotyping of diploid and/or polyploid organisms for biodiversity or mapping research. AFLP does not require knowledge of genomic sequence of the target organism.

The new DNA sequencer should help train scientists in state-of-the-art techniques within and beyond the Department of Biological Science. Next spring 2013, it will be used in an undergraduate course entitled Molecular Ecology: Concepts and Techniques, and will also be used to train undergraduates within the research lab of Dr. Booth.

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Chemistry Instructor Publishes Book on the Chemistry of Food

Keith Symcox, Instructor in Chemistry, is an author and editor of *Using Food to Stimulate Interest in the Chemistry Classroom*. This book is the latest addition to the renowned American Chemical Society Symposium Series. The text highlights recent efforts to engage students in culinary chemistry and includes both lecture and laboratory exercises. Chemistry faculty member Keith Symcox will be leading a food chemistry workshop sponsored by the National Science Foundation at Clarke University in Dubuque, Iowa, in July.

The workshop will provide educators with the means to develop their own courses that feature food chemistry. The chemistry of flavor, cooking reactions, cooking methods, and nutrition will be featured at the workshop.
PE Students Place at AADE Student Competition

TU Petroleum Engineering graduate students Bahri Kutlu and Zhaoyang Wang placed 1st and 3rd, respectively, in the University Student Competition for Graduate Research Posters at the 2013 American Association of Drilling Engineers (AADE) Drilling Fluids Technical Conference and Exhibition, February 26-27, 2013 in Oklahoma City.

Bahri, Bahri, a M.S. student and Research Assistant for TU’s Drilling Research Projects (TUDRP), received a B.Sc. in Petroleum and Natural Gas Engineering from Middle East Technical University, Ankara, Turkey (2009). His current research interest is Lightweight Drilling Fluids.

Zhaoyang, a M.S. student, is also a Research Assistant for TUDRP. He received a B.S. in Petroleum Engineering from China University of Petroleum in 2011. Zhaoyang’s current research interest is drilling automation.

Congratulations to Bahri and Zhaoyang!

Cem Sarica Awarded SPE Distinguished Membership

Limited to 1 percent of SPE professionals, the Distinguished Member award recognizes members who have achieved eminence in the petroleum industry and the academic community or who have made unusually significant contributions to SPE. Dr. Cem Sarica serves as the director of Fluid Flow Projects, Paraffin Deposition Projects and Horizontal Well Artificial Lift Projects at TU’s McDougall School of Petroleum Engineering. The author of 117 technical papers in SPE and other industry literature, Sarica was recognized for his expertise in the areas of multiphase flow in pipes and flow assurance. He is active in several SPE committees and is the recipient of multiple awards including the 2010 International SPE Production & Operations Award.

SPE is a nonprofit professional association whose membership consists of more than 104,000 worldwide leaders in the energy industry. Each year, SPE presents awards that recognize members whose efforts have advanced petroleum technology, as well as their professional achievements and contributions to the industry and the society.

“Dr. Sarica’s dedication to teaching and research is internationally recognized,” said Jim Sorem, dean of the TU College of Engineering and Natural Sciences. “He is the fourth current faculty member in our McDougall School of Petroleum Engineering to receive this award, and I believe this is a testament to the university’s commitment to excellence.”
Chalker Recognized by Science Publication Review Site

University of Tulsa Assistant Professor of Chemistry and Biochemistry Justin Chalker was recently recognized as the F1000 2012 Faculty Member of the Year in Chemical Biology.

An in-depth directory of top articles in biology and medicine, F1000Prime is a post-publication review service that offers evaluations and commentary by more than 5,000 scientists and clinical researchers. Each year, the F1000Prime editorial team selects 32 faculty members who have made significant contributions to the online service. These experts recommend the most important published articles for inclusion in F1000Prime. Chalker has published 23 commentaries since his appointment as an F1000Prime Faculty Member in 2012.

“The F1000Prime award is welcomed recognition for the time and effort spent searching for the next gem in biomedical literature,” he said. “I often suggest new lines of inquiry and highlight the impact of articles I discuss in hopes of inspiring future research projects.”

Chalker is a graduate of the University of Pittsburgh where he received a bachelor of science degree in chemistry and a bachelor of arts degree in the history and philosophy of science. He earned a doctorate of philosophy in organic chemistry from the University of Oxford. Chalker joined the TU Department of Chemistry and Biochemistry in 2012.

Ram Mohan Receives ASME Fellow Award

Mechanical engineering Professor Ram Mohan was recently elected to receive the ASME Fellow Award by the American Society of Mechanical Engineers. Mohan currently serves as a codirector of the Tulsa University Separation Technology Projects and is the site director of the NSF Industry/University Cooperative Research Center on Multiphase Transport Phenomena at TU. He has published more than 150 conference and journal publications.

Fellow recognition is the highest elected grade of membership within ASME, honoring exceptional engineering achievements and contributions to engineering. Among his many research interests, Mohan’s work focuses on the areas of control systems, manufacturing processes and multiphase flow separation.
The American Society of Mechanical Engineering (ASME) has announced that Steve Tipton, Frank W. Murphy Distinguished Professor of Mechanical Engineering at The University of Tulsa, is the 2013 recipient of the Henry R. Worthington Medal. The medal is presented to engineering professionals who demonstrate eminent achievement in the field of pumping machinery including, but not limited to, research, development, design, innovation, management education or literature.

Tipton’s research supports the development of experimental testing systems to reproduce the unique loading experienced by highly pressurized coiled tubing and analytical models to characterize plasticity and fatigue behavior. Both advancements have promoted the acceptance of coiled tubing as a safe, efficient technology for worldwide oilfield operations.

Tipton has taught TU undergraduate and graduate courses for 29 years. He established a formal coiled tubing research program at TU in 1996 that grew into a consortium in 2000. Tipton serves as a consultant for several industries including petroleum, aerospace, sporting goods, finned tubing and high-pressure pumping. A registered professional engineer, he is the owner of T-Bird Engineering and holds eight patents.

Tipton is a member of the Mid-Continent Section of ASME, the Society of Petroleum Engineers and SAE International and is a fellow of the ASM International. Tipton will receive the Worthington Medal and a $5,000 honorarium at the 2013 International Mechanical Engineering Congress in San Diego, Calif., in November.
Spring 2013
Engineering & Natural Sciences Graduates

DOCTORAL STUDENTS
OSAMA ABDALLA, Ph.D. - Biological Sciences
DANIEL DECKER, Ph.D. - Chemistry
KIRAN GAWAS, Ph.D. - Petroleum Engineering
LU HUANG, Ph.D. - Petroleum Engineering
STEVEN KENNEDY, Ph.D. - Chemistry
KATHERINE KEY, Ph.D. - Chemical Engineering
DUC NGUYEN, Ph.D. - Petroleum Engineering
AROONSI NUCHITPRASITTICHAIR, Ph.D. - Chemical Engineering

MASTER OF SCIENCE
SLOAN ANDERSON - Geosciences
ERCAN ARABACI - Geophysics
TANER ARPACI - Geophysics
MATTHEW BEST - Computer Science
MICHAEL BRITTON - Biological Sciences
ERIK BURTON - Chemistry
VIGNESH CHANDRASHEKARAN IYER - Computer Science
SREERUPA CHATTERJEE - Computer Science
SAMUEL COOK - Computer Science
MATTHEW DEMMLER - Computer Science
CHRISTOPHER DIXON - Computer Science
WILLIAM DUGGINS - Geosciences
TIMOTHY FIELDER - Computer Science
DAMLGA GARGILI - Geosciences
YURDAGUL ISIK - Geophysics
SPENCER JAMES - Physics
DERYA KILIC - Geosciences
LEV MORGAN - Computer Science
GILBERT NDAYAMBAJE - Mathematics
JEYASINGAM NIVETHAN - Computer Science
OLUWAKAYODE AZEEZ OTUBU - Computer Science
SERKAN OZSOY - Geophysics
HENRY PARKS - Computer Science
TRISHA SHOLAR - Mathematics
MEREDITH SMITH - Geosciences
MAHESH BABU GOUD THALLA
JACKLYN TRUONG - Computer Science
SHEEBA USMANI - Chemistry
CORY WILSON - Mathematics
TAO ZHAO - Geophysics

MASTER OF ENGINEERING
SAMET AKDENIZ - Electrical Engineering
CHRISTOPH BAUERDICK - Mechanical Engineering
JONATHAN HEMBREE - Mechanical Engineering
PAUL HOOD - Electrical Engineering
DI HUANG - Chemical Engineering
CHRISTOPHER METERAILER - Electrical Engineering

MASTER OF SCIENCE IN ENGINEERING
ABDULLAH AL-SHAMMARI - Mechanical Engineering
ALI BAKAR - Petroleum Engineering
AARON DIACON - Mechanical Engineering
CHRISTOPHER HART - Electrical Engineering
HAIDUN LU - Petroleum Engineering
PANCA NITASARI - Petroleum Engineering
ERIC ROHLMAN - Electrical Engineering
JISUP SHIN - Chemical Engineering
HAO XU - Mechanical Engineering
WEI YI - Electrical Engineering