Museum Science & Management Program Launched

The University of Tulsa and Gilcrease Museum launched a new graduate program that combines art, chemistry, history, business and anthropology to develop managers prepared to lead a museum’s complex and diverse needs. TU’s partnership with the world-renowned Gilcrease Museum makes this new museum science and management program a natural fit.

TU and Gilcrease Museum began a historic partnership in 2008 where the institutions use their core strengths to advance the educational goals of each. The staff of Gilcrease Museum and TU faculty collaborate to create in-depth opportunities to specialize in the curation, care, and exhibition of American art, archaeology, ethnology and archives.

The master of arts in museum science and management (MSM) degree program at TU provides both interdisciplinary coursework and hands-on experience designed to prepare future museum professionals in the areas of museum administration, fiscal management, collections care and research, and museum education. The curriculum couples classroom instruction from a selection of existing TU graduate-level courses with newly created courses specifically geared towards the program while also providing an opportunity to intern in a museum for practical experience. TU academic departments that contribute to the MSM program include anthropology, chemistry, communication, history, marketing, religion and philosophy. Internships may be undertaken at the Gilcrease Museum or other approved museums and facilities to broaden the student's academic and experiential base.

Dr. Robert Pickering, senior curator at Gilcrease Museum and director of the museum science and management program, joined Gilcrease Museum in July and will lead the interdisciplinary curriculum. He will leverage his more than 20 years of experience to prepare students who want to pursue leadership roles in museums of the 21st century.

For more information about the master’s degree program in museum science and management, visit [www.utulsa.edu/museum-science-management](http://www.utulsa.edu/museum-science-management) or contact the Graduate School at (918) 631-2336.
The Student Research Colloquium was established in 1998 to provide TU students with an opportunity to gain public speaking experience, learn about research from fields outside their own academic discipline, and experience judging methods used by professional organizations for national and international meetings/conferences.

Who participates?
Open to all TU students: undergraduate, graduate and law.

What sort of research is included?
Presentations may contain original research or scholarship that you may be conducting, work that was already submitted for a classroom project during previous semesters, or work in progress for the Spring semester. Research does not have to be experimentally based. All topics are welcome.

A session schedule and additional information will be posted in mid-March at http://www.utulsa.edu/research_colloquium

If you have any questions, please contact the Colloquium Co-Chairs at research-colloquium@utulsa.edu.
True Blue Neighbors Program
Redoubles TU commitment to Kendall Whittier Area

During these difficult economic times, The University of Tulsa’s commitment to community may be more important than ever. In recognition of this, this summer the university launched its “True Blue Neighbors” service initiative, which redoubles TU’s commitment to the Kendall-Whittier neighborhood adjoining campus. The university has a long-standing commitment of service to the economically challenged area.

The first True Blue Neighbors project provided 1,000 fully stocked backpacks to the students of Kendall-Whittier Elementary delivered by athletes from TU’s soccer and volleyball programs. Other True Blue Neighbor activities to date have included providing scholarships and transportation for at-risk students to attend a local day camp and providing event support for the Kendall-Whittier Inc.’s annual fundraising dinner. TU also made a gift to the Kendall-Whittier Emergency Food Pantry, which operates out of the University United Methodist Church just across the street from Helmerich Hall. The pantry has been providing about 2,700 meals a month for neighborhood families. TU’s support will fund an additional 1,000 meals per month for the next 12 months.

“In a very real way, all of our pursuits here at the university point naturally toward service,” Upham said. “The knowledge we acquire, the skills we develop, and the character we shape ask to be put to meaningful use. It is by taking these assets back to the community that we most fully unlock their value.”

To learn more, visit www.utulsa.edu/true-blue-neighbors

Community Service Symposium:

“CITIZENSHIP & SERVICE IN A CHANGING WORLD”

Tuesday, March 23, 2010
Allen Chapman Activity Center

Sponsored by the Annual TU Student Research Colloquium and Tulsa Undergraduate Research Challenge

Abstract Submission Deadline: February 15, 2010
Award: Best Presentation $250
Information & Abstract Submission: www.utulsa.edu/research_colloquium
Questions? e-mail all questions to research-colloquium@utulsa.edu
Last semester was the first time graduate students had access to a larger portion of their student activity fees (60% of graduate student activity fees) providing extra incentive for students to become involved in our developing graduate community. Through the hard work of our newly formed Graduate Student Senate and the individual graduate organizations, the additional activity fee allocations are being used responsibly and for the ultimate benefit of the graduate student community as a whole.

The GSA Senate formed committees to manage the allocation of funds to three previously established graduate organizations affiliated with the Psychology, English and Biology programs. Each has been able to continue offering social and academic programming for their student constituencies, as well having an opportunity to fund some new events. The graduate psychology students came to GSA with a request for co-sponsorship for a forum organized by the Center of Community Research and Development. In addition to the continuing graduate organizations, GSA also welcomed the Graduate Black Student Association and looks forward to their involvement on campus in upcoming semesters. The Indian Student Association was also reclassified as a graduate organization and will be working with GSA and SA to help sponsor their annual dinner/dance event in April. This will be open to the entire campus and we hope everyone will be there to support ISA and GSA.

As part of the agreement with SA that involved GSA taking control of an additional percentage of the graduate student activity fees, conference travel grants were available for the first time outside the grants typically offered by the Graduate School and Research Office. Six graduate students were awarded travel grants up to $400, providing additional funding that was not available to them under the guidelines for Graduate School and Research Office grants. The awardees were still required to be accepted presenters for professional conferences/meetings, but unlike other travel grant guidelines, they were not required to be the first authors. GSA will also allow students to reapply for these grants each year, even if they have been awarded one from a previous academic year.

The additional funds at GSA’s disposal have been granted on a trial basis for up to a three-year period. At the end of this year, GSA’s progress will be reviewed by SA to see if an increase in funds is appropriate and if GSA can continue to receive controlling interest on graduate student activity fees. We hope that you will continue to support programming offered by GSA and its associated graduate departmental organizations. GSA is always looking for students who are interested in helping with events. You do not have to be an officer or senator to participate or help with the planning.

To learn more about GSA, their plans for the semester and guidelines for conference travel grants and upcoming officer elections in April, visit their website at http://orgs.utulsa.edu/gsa/. You can also reach them at grad-sa@utulsa.edu or visit their new Facebook page.
Families Major Presence at Fall 2009 Events

More and more of the TU graduate student community includes students with spouses and children. Last semester showed an increase in the number of spouses and children in attendance, as well as furry family members. The Fall Family Picnic was particularly well-attended. Families and spouses were also a welcome site at the College Lunch Series and our first off-campus event, the Winter Banquet at the Tulsa Garden Center in Woodward Park. Graduate students logged volunteer hours for Garden Center events last Spring and Fall to earn a free event night. Everyone had a wonderful time and GSA has agreed to continue this arrangement with the Garden Center for upcoming events. Look for announcements in April!

Graduate Biology student, Michelle Miller, poses for a photo with her children at the Fall Family picnic (Left) while other graduate students’ children play in the popular Jupiter Jump (Top). Other graduate students relax at the picnic tables while the GSA event staff finishes another round of burgers and hot dogs (Right).

Students and family members line to get food at the Winter Banquet, courtesy of Zio’s, while smaller family members wait for their dinner (Left). While students relax at the dinner before finals the next day, GSA officers present awards to graduating senators and students that have been strong supporters (Right).

The Tulsa Garden Center provided a cozy atmosphere for students to enjoy one of the most beautiful, historic mansions in Tulsa for their first off-campus event (Left). The college lunch series remains popular, like the Fall Arts & Sciences lunch outside Chapman Hall, where people lined up for walking tacos (Right).
Two current MFA candidates have received national and international recognition for their work in the past few months.

**Clayton Keyes** has been named to assist the sculptress Cristina Cordova at the Penland School of Craft for an eight week concentration course in figurative ceramic sculpture that takes place this spring. Penland School of Craft is a national center for craft education dedicated to helping people live creative lives. It is located in the Blue Ridge Mountains of North Carolina. In addition, Keyes sculpture “Future Fetus” will be included in the Archie Bray Foundation for the Ceramic Arts’ second annual “Beyond the Brickyard” exhibition in Helena, Montana, juried by Wayne Higby. The exhibition runs January through March. The Archie Bray Foundation for the Ceramic Arts is a public, nonprofit, educational institution founded in 1951 by brickmaker Archie Bray. Its primary mission is to provide an environment that stimulates creative work in ceramics.

**Jason Stamper** had his woodcut prints accepted in three major exhibitions. The first is the 11th Painting, Drawing, Photography and Print Juried Online International Art sponsored by the Upstream People Gallery. The juror of this exhibition, Larry Bradshaw, professor of art and curator at the University of Nebraska in Omaha, stated that Jason “has a sense of humor and definitely a talent for hand colored woodcut printing. His two pieces go well together: “before the Race 1” and “Before the Race 2” — the subjects are a tortoise and a hare — are handsomely executed as well as delightfully playful.”

Jason has also had a small print accepted for the 7th Biennial International Miniature Print Competition, which ran from May-August 2009. Held at the Center for Contemporary Printmaking in Connecticut, this juried exhibition is limited to works that are no more than four square inches and aims to encourage artists to explore the miniature print format. This third is the Shy Rabbit Contemporary Arts Gallery’s Print National, August - October 2009.

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**TU English Alum Wins Writing Award**

Vu Tran, MA 2000 & BA 1998, won a Whiting Writers’ Award in October 2009 for his fiction. The award carries a stipend of $50,000. After completing his Tulsa degrees, Vu received an MFA from the Iowa Writer’s Program and a Ph.D. in Creative Writing at the University of Las Vegas, where is currently an Instructor in English.

**Congratulations, Vu!**
Student Updates

Sara Beam (Ph.D. Candidate, English Language & Literature) received a Bellwether Fellowship and has been working on her dissertation, which examines child criminality in Victorian literary and legal narratives. She presented a section of Chapter Two at the South Central Modern Language Association Conference, "Continuity and Displacements," in Baton Rouge, LA, on October 30, 2009. The presentation was titled "Criminality, Empire, and Education in The Coral Island and Treasure Island."

Irina Strout (Ph.D., English Language & Literature, 2009) will be working as an adjunct at TU during the Spring of 2010, teaching a class for non-native students. She has recently attended a conference where she delivered a paper, titled “The Construction of Masculinity and Manhood, its Ambivalences and Limitations in John Fowles’s The Magus.” This paper was delivered at Arkansas Conference on Literature, Rhetoric, and Composition at Henderson State University, held on November 14-15, 2009.

Michelle Keenan (MA, Education, 2009) is now certified to teach Art and Psychology, K-12.

Katie Lofton (MA, Education, 2012) recently became certified to teach 6th-12th grade History.

Graduate students in speech-language pathology attended the annual conference of the American Speech-Language Hearing Association (ASHA) in New Orleans from November 18 – 21, 2009. Megan Gorenflo, Liz Gretz, Hannah Orozco, Kara Sexson and Liz Whitley participated as the TU team in the first annual Knowledge Bowl with a total of ten teams from different schools competing in the event. The questions focused on information related to speech-language pathology and audiology and were presented in a format similar to those used in the Jeopardy television show with points of 100, 200, 300, 400, 500 and Daily Double, and of course the final Jeopardy question. Thirty seconds were given to respond to the question and teams were allowed to discuss the responses prior to responding. The TU team came in second place and were thrilled with the results!

Congratulations to the TU Knowledge Bowl Team!
PUBLICATIONS


POSTERS/PRESENTATIONS


The Collins College of Business revised the core curriculum of its MBA program for 2009 to provide both a broad business background and strong, in-depth specializations. The program expands the number of elective hours required for students from 6 to 12. This will provide students with stronger instruction within seven concentration areas: entrepreneurship, energy management, marketing, international business, finance, accounting, and management information systems.

The number of core courses expands from 8 to 12, while changing from three-credit hours to two-credit hours. To accommodate this, the business college also needed to be innovative with scheduling. Rather than taking two semesters of coursework per year, MBA students will now enroll in four 7.5-week semesters for the academic year.

The program was revised based on input and feedback from a variety of constituents, including corporate partners, student focus groups, and faculty. Two Tulsa businessmen — the late Fulton Collins (TU Board of Trustee chairman) and Walt Helmerich III — announced a $30 million campaign to support the new MBA curriculum by hiring new faculty members and providing support for the MBA initiative.

## Summer & Fall 2009
Collins College of Business Graduates

### MASTER OF BUSINESS ADMINISTRATION

| Thomas Adams | Zachary Jones | Dawit Sopark-Dithapong |
| Kristin Alphin | Jeffrey Katterhenry | Matthew Stephenson |
| Matthew Barnard | Sarah Kitts | David Stratton |
| Brandon Bell | Lance Mann | Katherine Sutton |
| James Chandler | Matthew Matlack | Travis Taylor |
| Lisa Chase | Jane Mitevski | Brittan Teague |
| Justin Cook | Megan Moore | Lindsey Tower |
| Bryan Curtis | Katie Peper | Christopher Walters |
| Malori Dahmen | Kelley Fitter | Christopher Wedel |
| Tobin den Harder | Joseph Pollard | Mary Westbrook |
| Mark Drescher | Natan Redman | Aaron Whitehead |
| Kevin Edwards | Brandon Risinger | Chase Wilson |
| Kelley Fitter | Brooke Shank | William Woods |
| Jacob Frank | Linda Siegmund | Patricia Zumwalt |
| Lucas Jacobson | Krystal Smith | |

### MASTER OF TAXATION

| Mariana Booth | Christopher Lynch |
| Stephanie Chasman | Michelle Snyder |
| Amanda Dillard | Fan Zhang |
| Julie Drumm | Qian Zhang |
| Steve Harrington | Jingying Zboi |
| Theresa Neurauter | |
Brad Carson Named Director of NEPI and Associate Professor of Entrepreneurship/Business Law

Business leader and former two-term U.S. Congressman Brad Carson has been appointed the director of the National Energy Policy Institute (NEPI). As an extension of NEPI’s partnership with the university, Carson also will serve as an associate professor of entrepreneurship and business law in the Collins College of Business at TU. He began serving in both positions earlier this month.

About Brad Carson
Carson represented Oklahoma’s 2nd District in the U.S. House of Representatives from 2001-2005 where he served on the Transportation and Infrastructure Committee, Resources Committee and Small Business Committee. After leaving the House in 2004, he became president and CEO of CNB, L.L.C., which is the Cherokee Nation’s economic engine.

Carson stepped down from CNB in December 2008 when he was called into active military service in Iraq. An officer in the U.S. Navy Reserve, he headed a team that gathered intelligence on tactics used for improvised explosive devices. He returned home from Iraq in fall 2009. Upon his return, he was named to the CNB board. Prior to holding elected office, Carson served as an antitrust attorney for Crowe & Dunlevy in Tulsa. Carson also has taught at the Harvard University Institute of Politics and worked for the Department of Defense as a special assistant to the secretary of defense for special projects as a White House Fellow. He also has served as an adjunct faculty member for the TU College of Law. He has served on the board of directors for the National Job Corps Association and Legal Services of Eastern Oklahoma. He was named one of 10 outstanding young Americans by the U.S. Chamber of Commerce in 2002.

About the National Energy Policy Institute (NEPI)
Established in 2009, the Tulsa-based NEPI is dedicated to identifying economically and environmentally sound solutions to the challenge of reducing U.S. dependence on foreign oil, as well as building new businesses based on those solutions. NEPI is housed on The University of Tulsa campus and funded through a comprehensive multi-year grant from the George Kaiser Family Foundation.

The mission of the Institute is to provide an unbiased framework for developing a rational national energy policy that reduces the need for imported oil and reduces greenhouse gas emissions, and thereby to provide national decision-makers with a quantifiable basis for identifying and pursuing the optimum portfolio of energy strategies for achieving this goal. The establishment of NEPI was funded through support from the George Kaiser Family Foundation. For more information, visit http://nepinstitute.org or call (918) 631-6374.

**New Engineering Buildings Planned Soon**

Samson Plaza and two new buildings will facilitate TU’s continued advancement in engineering and science. Plans are moving forward for two new transformational teaching and research facilities on campus. J. Newton Rayzor Hall will house the computer science and electrical engineering departments, and another building, which has received a lead gift and whose new name will be announced soon, will support the petroleum and mechanical engineering programs.

The buildings will add approximately 72,000 square feet of teaching, research, and faculty office space. Additionally, the buildings will be tied together with Keplinger Hall through the grand 1.5-acre Samson Plaza, which has been generously funded by the Schusterman family and Samson in memory of the late Charles Schusterman. Mr. Schusterman, a noted Tulsa businessman and leader in the oil industry, founded Samson in 1971. To date, TU alumni and friends have provided more than 85 percent of the $34.3 million needed to fund both buildings and the plaza.

Evelyn Rayzor Nienhuis made the lead gift for Rayzor Hall in memory of her father, who was an accomplished attorney and businessman. His lifelong passion for higher education was demonstrated through his generous gifts to several institutions. Honoring his example, Evelyn and her late husband, Lester Nienhuis, have a long history of supporting TU, and Rayzor Hall will be a lasting symbol of their leadership and generosity to the university. Both buildings feature two story floor plans that allow ample room for large integrated classrooms and teaching/research laboratories, faculty and graduate student offices, student commons areas, conference rooms, and a student organizations office.

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**TU Alternative Energy Research Looking to Algae**

Renewable gasoline made from algae could meet up to 50 percent of U.S. demand. University of Tulsa researchers in partnership with Sapphire Energy have succeeded in producing gasoline from “green crude,” a crude oil equivalent derived from algae via renewable processes. The promising technology includes a patent-pending refining process developed at TU. Fuels derived from green crude have been used successfully in several test flights with the commercial airlines Continental and JAL.

The process takes three inputs — sunlight, carbon dioxide (CO2), and photosynthetic microorganisms (like algae) — to produce a chemically rich component that Sapphire Energy calls “green crude” that can be refined to replace petroleum-based products. “The exciting thing about this project is that we aren’t using any cropland to produce the algae, and the process can use non-potable water and non-arable land,” said Daniel Crunkleton, associate professor of chemical engineering and director of TU’s Alternative Energy Institute. With research and development, fuel made from algae is projected to produce about 50 percent of the crude oil requirements of the entire country — using about one-quarter of the land that is currently used to grow corn in the United States. Gasoline made from green crude is also compatible with the existing petroleum infrastructure, from refinement through distribution and the retail supply chain.
Summer & Fall 2009
Engineering & Natural Sciences Graduates

DOCTORAL STUDENTS

RODGRIO CHANDIA, Ph.D. - Computer Science
TAN NGUYEN, Ph.D. - Petroleum Engineering
VALERIE O’BRIEN, Ph.D. - Biological Sciences
FRANCISCO TREVISAN, Ph.D. - Petroleum Engineering

MASTER OF SCIENCE

NATHAN REDMAN - Computer Science
DAWIT SOPARKDITHAPONG - Biochemistry
JOSEPH AGUAYO - Computer Science
SAUD AL-ANAZI - Geosciences
HUSSEIN AL-HELAL - Computer Science
REID AL-SALHI - Geosciences
ADITI BENDRE - Computer Science
RAYMOND BERG - Computer Science
DENISSE CARVAJAL - Biochemistry
INCI DINDAR - Geosciences
SWATHI DODDI - Computer Science
VINCENT GONZALES - Computer Science

DUSTIN GRUBB - Computer Science
SCOTT GRUBB - Computer Science
SHANE GUMMERSHEIMER - Computer Science
SARAH KNUTIE - Biological Sciences
ANIKET NARAVANEKAR - Computer Science
JEAN PARKS - Geosciences
ERNESTO PUCHE - Geosciences
KEITH REHM - Computer Science
RUSSELL RENFROW - Geosciences
KENT SHULTZ - Computer Science
GBENGA YEMIDALE - Geosciences
BROOKE YARBROUGH - Biological Sciences

MASTER OF ENGINEERING

BRYAN GRAVES - Petroleum Engineering
YUAN MA - Petroleum Engineering
MADHAVI METTU - Chemical Engineering
OLAJIDE OLABANJI - Petroleum Engineering

RAHUL RATNAPAL - Petroleum Engineering
FAISAL SANDAL - Chemical Engineering
ILIANA SAVAGO TORRES - Mechanical Engineering
NAN YE - Electrical Engineering

MASTER OF SCIENCE IN ENGINEERING

LOURDES ALVAREZ - Petroleum Engineering
ANGELINA COLETTA - Petroleum Engineering
RAMON DOMINGUES - Petroleum Engineering
ZACHARY JONES - Electrical Engineering
MEHMET KARAASLAN - Petroleum Engineering
SREELATHA KILAMBI - Mechanical Engineering
KYLE MAGRINI - Petroleum Engineering
DUC NGUYEN - Petroleum Engineering

ANOOP SHARMA - Petroleum Engineering
SANDEEP TAMMINENI - Petroleum Engineering
SEPINOOD KHORASANI - Mechanical Engineering
KAVITHA TUMMALA - Mechanical Engineering
NEYLA URDANETA - Petroleum Engineering
DUC VUONG - Petroleum Engineering
TINGTING YU - Petroleum Engineering
ALISHER YUNUSKHOJAYEV - Petroleum Engineering