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TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

Date: Feb. 1, 2007

Contact: Michael Castellon, michaelcastellon@gmail.com
(806) 742-2136

Celebrations of Black History Month at Texas Tech

The following is a calendar of events celebrating Black History Month.

7 p.m. Sat., Feb. 3

Museum of Texas Tech University
Black History Month Banquet – A tribute to Eric Strong
Featuring Brad Leali

Sat., Feb. 3 through Wed., Feb. 28

Black History Month Art Display
Texas Tech University Libraries

Fri., Mar. 9

Black History Month Student Research Symposium and Reception,
room 011, College of Education

The symposium will feature paper presentations and posters sessions that highlight the Black History Month theme. Research and artistic work involving black people or issues relevant to people of African descent. A reception for graduate students will follow the symposium. For more information, contact Aretha Marbley at aretha.marbley@ttu.edu.

3 p.m. - 6 p.m. Sat., Mar. 10

Unity Among Us: A Community Dialogue
Patterson Public Library

This event features an open discussion on the experiences and interactions of the Lubbock area African and black citizens, and how the community collectively works toward improvement. For more information, contact Kathleen McPherson at Kathleen.mcpherson@ttuhsc.edu.

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7 p.m. Thur., Mar. 15

Def Teach: Poetry Across the Plains
Student Union Building on the Texas Tech University campus

This event will feature local poets from the Texas Tech and Lubbock communities. For more information contact Ekwaro-Osire at ekwaro-osire@ttu.edu.

10 a.m. Saturday, March 31

Education and Career Fair
Lubbock Estacado High School

This event will provide high school students with vital information needed to make informed educational, career and financial decisions. For more information, contact Kathleen McPherson at Kathleen.mcpherson@ttuhsc.edu.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 1, 2007

CONTACT: John Davis, john.w.davis@ttu.edu
(806) 742-2136

Expert Available Regarding Friday Release of UN Climate Change Study

One of the reviewers of the United Nations' Intergovernmental Panel on Climate Change's major international analysis of the impact of human activities on Earth's weather climate and global warming will be available to speak on the major findings of this report.

Katharine Hayhoe, a research associate professor in the Department of Geosciences at Texas Tech University, was not only one of the reviewers of the massive climate change study, but also her climate change research is cited in the study.

Hayhoe grabbed headlines at the beginning of October 2006 after her research found that the Northeast can expect hotter summers and shorter winters over the coming century, turning into what the South feels like today, if the nation continues to rely on fossil fuels for energy.

She led a team of 14 scientists for the year-long Northeastern climate change study, and results will appear in the upcoming March issue of the journal, *Climate Dynamics*. The research focused on nine states that ranged from Maine to New Jersey and across to Pennsylvania. The project was organized by the Union of Concerned Scientists.

At the end of October 2006, Hayhoe again garnered headlines with a global climate change study that used the IPCC's latest climate models. Her research found that the summer heat waves, prolonged droughts and heavy rainfall events that have occurred across much of the U.S. and Europe over the past few years are a preview of what we can expect in the future thanks to climate change.

This research was a product of collaborations with three other researchers from the National Center for Atmospheric Research in Boulder, Colo. and the Australian Bureau of Meteorology. It appeared in the December issue of the journal *Climatic Change*.

Both of these studies found that decreasing dependence on fossil fuels would result in less temperature change and smaller impacts from global warming during the coming century.



TEXAS TECH UNIVERSITY

CONTACT: Katharine Hayhoe, research associate professor, Department of Geosciences, Texas Tech University, (806) 742-0015, (806) 392-1900, or katharine.hayhoe@ttu.edu.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 1, 2007

CONTACT: John Davis, john.w.davis@ttu.edu
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Festival Features Experts, Discussions in Children's Literature

To open the spring season for the Presidential Lecture & Performance Series, nine authors, illustrators and editors plus students and faculty will give presentations on reading, literacy and books for young and adolescent readers.

Engaging Young Readers: A Festival of Authors and Ideas will run from 8 a.m. to 4 p.m. Feb. 16-17 in varying locations across campus. It is presented with the College of Education and the Texas Tech University Press.

Guest lecturers include author and illustrator, Marla Frazee, the Michael Printz honor author, Terry Trueman, and Allyn Johnston, editor-in-chief of Harcourt's Children's Books.

Also, the festival will feature Texas Tech University Press authors Melodie Cuate, Carlos Nicolás Flores, Sheila A. Foard, Jo Harper, Dewey Johnson and Lucy Fischer-West.

Authors' books will be available for purchase from 1-5 p.m. Feb. 15, 8 a.m.-4 p.m. Feb. 16 and 8 a.m.-3 p.m. Feb. 17 in room 203 of the College of Education Building.

Registration is \$10 and due by Feb. 12. Children get in free with a registered adult. Optional boxed lunches are \$7. On Feb. 16, people not affiliated with Texas Tech should use the Flint Avenue Parking Garage, located at 19th Street and Flint Avenue. Call Teresa Neal at 742-1998 ext. 430 for reservations. For a full detail on the festival's events, click [this site](#).

Event highlights include:

Friday, Feb. 16

- **The Complicated Dance Between Words and Pictures, Editor and Author/Illustrator** – 8:40-9:40 a.m., Student Union Ballroom. Featuring Marla Frazee and Allyn Johnston.
- **Stuck in Neutral** – 1:25-2:25 p.m., Student Union Ballroom, Featuring Terry Trueman.

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TEXAS TECH UNIVERSITY

Saturday, Feb. 17

- **Panel Discussion with Texas Tech University Press Authors** – 9-10 a.m., room 001 of the English Building. Rene Saldaña will moderate.

CONTACT: Mary Jane Hurst, faculty assistant to the president, Texas Tech University, (806) 742-2121 or maryjane.hurst@ttu.edu; or Teresa Neal, administrative secretary, College of Education, (806) 742-1998 ext. 430



TEXAS TECH UNIVERSITY

News Release

DATE: Feb. 2, 2007

CONTACT: Cory Chandler
(806) 742-2136

Research Team Visits Florida to Document Damage

Research could lead to new construction guidelines for safer houses

A team of researchers from Texas Tech University's Wind Science and Engineering Research Center is in Florida this week to study debris and damage in the wake of tornadoes that killed 20 people Friday.

Their work could lead to changes in construction standards and guidelines that could better safeguard families during wind events.

Larry Tanner, a civil engineering research associate, is leading efforts to document structures damaged by the tornadoes – including mobile homes and recently built houses with in-home shelters.

Tanner's research of approximately 400 manufactured homes damaged by a 2005 tornado that killed 22 people in Evansville, Ind., prompted new standards for mobile home installation in the region. He submitted a report of his findings to the National Institute of Standards and Technology.

Tanner also will conduct research into the new Enhanced Fujita Scale, devised in part by Texas Tech and implemented this week by the National Weather Service as a more accurate system for measuring tornado intensity than the former Fujita Scale.

CONTACT:

Larry Tanner, research associate, Department of Civil Engineering and Wind Science and Engineering Research Center, Texas Tech University, at (806) 543-4957, or larry.tanner@ttu.edu,

Carol Ann Stanley, coordinator, Wind Science and Engineering Research Center, Texas Tech University, (806) 742-3479, ext. 339, or carolann.stanley@ttu.edu.



TEXAS TECH UNIVERSITY SYSTEM

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 2, 2007

CONTACT: Linh Le linh.le@ttu.edu
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"The Early Show" Airs Texas Tech Students Commercial

Many only dream of having their commercial aired on national television, while Texas Tech University seniors Kelly Donaldson and Jason LeMaster have made it a reality.

The two seniors teamed up to enter the Chevy Super Bowl Ad Challenge, where the winning team would have their commercial aired during the Super Bowl. They had to produce a mock-up of a commercial featuring Chevy's new lines of cars and crossovers.

"The whole commercial was a mock-up," said LeMaster. "Very low-budget and homemade."

The duo created a commercial displaying the Chevy cars "tooting" their horns to the beat of popular football anthem, "We Will Rock You."

"I knew it was a song that everyone would relate to football; so the song and concept came together one day when I was joking with a friend," said Donaldson.

Ann Rodriguez, visiting professor and faculty advisor for the team, said this accomplishment will help put Texas Tech's name out to students who never considered attending Tech.

"This could help recruit students outside of Texas, maybe students from California or New York," said Rodriguez. "This showcase will help make connections and genuinely help the reputation of Texas Tech."

Although, the team did not make it to the Super Bowl, their commercial was aired on The Early Show. Their commercial was aired along with two others under the category of "Most Offbeat" themes concept. Viewers were urged to go online and vote for their favorite.

Contact: Ann Rodriguez, visiting professor, 806-742-6500 or email
ann.rodriguez@ttu.edu

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TEXAS TECH UNIVERSITY

News Release

DATE: Feb. 5, 2007

CONTACT: Gretchen Pressley, gretchen.m.pressley@ttu.edu
(806) 742-2136

Short Story by Texas Tech Professor Selected for Year's Best

A short story by Stephen Graham Jones, an associate professor of English at Texas Tech, will be published in 20th edition of "The Year's Best Fantasy and Horror," a prestigious anthology of fantasy and horror stories.

"Raphael," Jones' short story, is about the perceived reality of scary stories, and what would happen if they became real. It was first published in "Cemetery Dance," an award-winning, bi-monthly magazine of horror, dark mystery and suspense.

"It was chosen for the anthology, I guess, because it just got some visibility being in the leading horror magazine," Jones said. "But then it got good responses as well."

The Year's Best Fantasy and Horror usually consists of about 40 poems and short stories. The anthology is edited by Ellen Datlow, an editor of fantasy and horror stories for more than 30 years, and coincidentally one of the inspirations for Jones' writing career.

"I know her tastes just from reading the stuff she edits, and am glad 'Raphael' fit that taste," Jones said. "I'm glad that it's going to be in the anthology, hopefully the first of many."

"The Year's Best Fantasy and Horror 2007" will be released in August.

"Raphael" has also been nominated for the Bram Stoker Award for Superior Achievement in Short Fiction, named in honor of Bram Stoker, author of "Dracula." The Bram Stoker Award is sponsored by the Horror Writers Association.

Jones is the award-winning author of four full-length novels and a short story collection. His short story collection was a finalist for the Violet Crown Award, sponsored by the Writers League of Texas, and it earned the Texas Institute of Letters' 2005 Jesse Jones Award for Best Work of Fiction. Past awards include the Independent Publishers Award for Multicultural Fiction and a National Endowment for the Arts Fellowship.

For more information, go to www.stephengrahamjones.com.

CONTACT: Stephen Graham Jones, associate professor of creative writing, in the Department of English, (806) 742-2500 ext. 238; stephen.jones@ttu.edu.



TEXAS TECH UNIVERSITY

News Release

DATE: Feb. 5, 2007

CONTACT: Cory Chandler
(806) 742-2136

Research Team Visits Florida to Test New Tornado Rating Scale Enhanced Fujita Scale intended to better measure storm intensity.

A year after the National Weather Service implemented a new rating scale to more accurately measure tornado intensity, Texas Tech University wind researchers are in tornado-ravaged portions of Florida this week to study how well the new scale worked.

The system, called the Enhanced Fujita Scale, will continue to rate tornadoes from zero to five, but should provide more accurate ranges in wind speed. It was developed in part by Texas Tech's Wind Science and Research Center.

Weather Service field agents were trained over the past year to assess structural damage and then determine wind speeds and tornado ratings based on the new scale. The system was implemented this month just as a string of tornados hit Florida Friday, killing 20 people.

Larry Tanner, a civil engineering research associate, is now leading efforts to document structures damaged by the tornados – including mobile homes and recently built houses with in-home shelters – and measure how well the new system worked.

The original F Scale was developed in 1971 by the late University of Chicago professor T. Theodore Fujita to rate tornadoes and estimate associated wind speed based on the damage they cause. The new EF scale refines and improves the original scale. Limitations of the F Scale have led to inconsistent ratings, including possible overestimates of wind speeds.

Kishor Mehta and Jim McDonald of Texas Tech led a group representing Fujita Scale users – including nationally renowned meteorologists and wind engineers – that began working to revise the scale in 2001. The wind speed ratings were revised based on based on 30 years of damage assessment data recorded by Texas Tech from tornado sites across the nation.

CONTACT:

Larry Tanner, research associate, Department of Civil Engineering and Wind Science and Engineering Research Center, Texas Tech University, at (806) 543-4957, or larry.tanner@ttu.edu.

Carol Ann Stanley, coordinator, Wind Science and Engineering Research Center, Texas Tech University, (806) 742-3479, ext. 339, or carolann.stanley@ttu.edu.

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TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 5, 2007

CONTACT: Christy Hammett, christy.m.hammett@ttu.edu or (806) 742-2136

Texas Legend Visits Texas Tech

Texas newspaper legend Phil Record will speak at the 2007 Cathryn Anne Hansen Buessler Distinguished Lectureship in Print Media. Record, who is the former national president of the Society of Professional Journalists and former vice president of the Freedom of Information Foundation of Texas, will speak on media ethics and the foundation of the First Amendment.

Record, a newspaperman for more than half a century, worked as a reporter for the Lubbock Avalanche-Journal for two years and has spent many years as a reporter and former editor for the Fort Worth Star-Telegram. He was inducted into the Texas Tech Mass Communications Hall of Fame in 1994 and served on the college's National Board of Directors since 2002.

Jerry C. Hudson, dean of the College of Mass Communications, said it is always an honor to have Record speak to the college students.

"Each time he visits, he is a champion of expressing the importance of freedom of information," Hudson said. "This is something that he practices in his everyday life. He is a professional at the highest level."

The Cathryn Anne Hansen Buessler Distinguished Lectureship in Print Media provides students and faculty with the opportunity to meet nationally known print media professionals and engage them in conversations relevant to current social, cultural and political issues. Buessler is a former professor from the College of Mass Communications.

The event is set for 6 pm. (Feb. 15) in the Merket Alumni Center.

For more information on the event, please contact Dawn Moreno at dawn.moreno@ttu.edu or (806) 742- 3385 Ext. 221.

CONTACT: Jerry C Hudson, dean of the College of Mass Communications, Texas Tech University, at jerry.hudson@ttu.edu or 742-3385.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

Date: Feb. 5, 2007

CONTACT: Sally Logue Post, sally.post@ttu.edu
(806) 742-2136

Gov. Perry Appoints Student Regent for Texas Tech University System

Texas Gov. Rick Perry today (Feb. 5) appointed Ebtesam Attaya Islam as the Texas Tech University System Student Regent.

Attaya Islam, a second year medical student from Lubbock, is the first student from the Texas Tech University Health Sciences Center to serve on the Texas Tech University System Board of Regents. She also earned a doctorate in cell and molecular biology in 2005.

"I'm extremely honored to be selected to serve the as student regent," said Attaya Islam. "I am very much looking forward to representing our students from both universities on the board."

"Ebtesam is an outstanding young woman and will do an exemplary job on the Board of Regents," said Bernhard T. Mitemeyer, interim president of the Health Sciences Center.

"We look forward to having Ebtesam join us on the board," said L. Fredrick Francis, chairman of the Texas Tech University System Board of Regents. "Our experience has been that student regents lend a fresh insight into the issues that come before the board."

"Students are our first priority at Texas Tech," said Chancellor Kent Hance. "Having a student regent gives the students of both universities direct input into the decision making process. I look forward to working with Ebtesam."

The first student regent, appointed in 2006, came from Texas Tech University. By law, the student regent will rotate between Texas Tech University and Texas Tech University Health Sciences Center and will serve a one-year term.

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TEXAS TECH UNIVERSITY SYSTEM

Advisory

FOR IMMEDIATE RELEASE

DATE: Feb. 6, 2007

CONTACT: John Davis, john.w.davis@ttu.edu
742-2136

Women's Conference Speakers Available for Interviews, Bookings

WHO: Myra Marx Ferree, Jan Monk and Jane Roberts

WHAT: Media availability for newspaper, television and radio interviews

WHEN: Today through Feb. 23

WHERE: By phone, by appointment prior to the event or during the 23rd Annual All University Conference on the Advancement of Women in Higher Education at Texas Tech University's Student Union Building.

EVENT: Ferree is the Martindale-Bascom professor of sociology and director of the Center for German and European Studies at the University of Wisconsin-Madison. She will discuss the opportunities for insight and the challenges facing teachers who do not want to make American experience the center of feminist analysis for themselves or their Women's Studies students. She can be reached by email at mferree@ssc.wisc.edu or by phone at (608) 263-5204.

Jan Monk, research social scientist emerita in women's studies at the University of Arizona and former executive director of the Southwest Institute for Research on Women, researches and teaches about women's lives internationally. She says that exploring women as the agents of change is important, even as people recognize the constraints and discrimination they face. She can be reached by email at jmonk@email.arizona.edu and by phone at (520) 621-3836.

Jane Roberts, co-founder of the grassroots effort called 34 Million Friends of the United Nations Population Fund. After the Bush administration chose not to release \$34 million allocated by Congress in 2002 for the United Nations Population Fund, Roberts helped organize an online, word-of-mouth movement to raise that money a dollar at a time. She will discuss the movement and its importance to women in developing nations. She can be reached by email at JulianRob@aol.com or by phone at (909) 793-4578.



TEXAS TECH UNIVERSITY SYSTEM

CONTACT: Esther Sundell Lichti, coordinator, Office of Women's Studies, Texas Tech University, (806) 742-4335, esther.lichti@ttu.edu; or Charlotte C. Dunham, director, Office of Women's Studies, Texas Tech University, (806) 742-4335, charlotte.dunham@ttu.



TEXAS TECH UNIVERSITY

News Release

DATE: Feb. 7, 2007

WRITTEN BY: Gretchen Pressley, gretchen.m.pressley@ttu.edu
(806) 742-2136

The Ordinary Turned Extraordinary: Texas Tech Professor Publishes Short Story Collection

Genaro J. Perez, a professor of Hispanic literature at Texas Tech, published his first book of short stories, entitled "French Quarter Tales."

The story collection, published by iUniverse in December 2006, features six fiction stories about characters influenced by the French Quarter in New Orleans. Each story follows a tradition called magic realism of placing extraordinary situations within familiar contexts and vice versa.

"Magic realism is making everyday things look extraordinary and unusual things look ordinary," Perez said. "I based the magic realism style in my book on the traditions of Latin American writers such as Gabriel Marquez and Jorge Luis Borges."

The stories each describe a character's struggle with his identity, whether the conflict is from being born slightly deformed, from having an unusual illness, or from rejecting and then accepting a Hispanic heritage.

Perez's descriptions of the setting are based on his own memories of the French Quarter. Perez lived in New Orleans during the late 1960s and earned his master's and doctorate degrees from Tulane University.

Perez's previous publications include five books of literary criticism, two books of poetry, and one novel. Perez is the co-editor of "Monographic Review/Revista monográfica," a professional journal of criticism of Hispanic literature. He was also a book review editor of "Hispania," the journal of the American Association of Teachers of Spanish and Portuguese from 1996 to 2004.

[Editor's note: If you would like to obtain a copy of "French Quarter Tales" for review, contact the Office of Communications and Marketing.]

CONTACT: Genaro J. Perez, professor of Hispanic literature in the Department of Classical and Modern Languages, (806) 742-3145 ext. 281 or genaro.perez@ttu.edu.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

Date: Feb. 7, 2007

Contact: Michael Castellon
(806) 742-2136

HOLY SITES TO BE TOPIC OF LECTURE

The government's role in the regulation and management of holy sites in Israel and Palestine will be the topic of a lecture given by Leonard Hammer, a lecturer at the Hebrew University in Jerusalem, at 5:30 p.m. Thursday (Feb. 8), at the International Cultural Center at Texas Tech University, located at 601 Indiana Ave.

The lecture is free and open to the public. Refreshments will be served at 5:15 p.m.

Hammer will include historical background on various religious sites, and will emphasize current approaches to controlling such sites by the Israeli authorities.

Hammer, a specialist in law and religious issues, has published and presented widely on such topics as freedom of religion, freedom of conscience, conscientious objection, human and indigenous peoples' rights, and inter-culturalism.

He holds a doctorate in law from the University of London, an L.L.M. from New York University, and a J.D. from Georgetown University, and serves as a consultant for the formation of a new law school in northern Israel, at Zefat, that will serve the lower economic strata and Arab minorities in the region.

CONTACT: Sandra Owen, Administrative Business Assistant, ICASALS, (806) 742-3667, Sandra.owen@ttu.edu



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 7, 2007

CONTACT: Cory Chandler
(806) 742-2136

Texas Tech Equestrians Win Honors, Prepare for Upcoming Competitions

Texas Tech University Equestrian Team members Julia Lindholm and Alexandra Miller were awarded Reserve Regional Champion honors Sunday in the Intercollegiate Hunt Seat Competition and Regional Championships at the Boulder County Fairgrounds in Colorado.

Alexandra Miller and Ashley Wilmer were awarded first place ribbons for their rides in the Novice Fences division and Advanced Walk/Trot/Canter division, respectively.

Lindholm and Miller will represent the team in March at the Hunt Seat Zones competition hosted by West Texas A&M University, where they will compete for an opportunity to show at the Intercollegiate Horse Show Association National Championships in Massachusetts.

The team also will compete Feb. 17-18 in a Western show hosted by the Nebraska College of Technical Agriculture in Curtis, Neb. The Western Team currently ranks second in region team standings.

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CONTACT: Allison Griest, secretary, Texas Tech Equestrian Team, (281) 703-0238, or tech_equestrian@yahoo.com.



Advisory

FOR IMMEDIATE RELEASE

DATE: Feb. 8, 2007

CONTACT: Ben Samples, ben.z.samples@ttu.edu
(806) 742-2136

Set for Launch, Area Middle School Students Shoot for the Stars

WHAT: Engineering workshop held for Hale Center Independent School District students.

WHEN: 9:30 a.m. – 2 p.m. Feb. 20

WHERE: Workshop: 9:30 – 11:00 a.m. Red Raider Lounge - Student Union Building
Launching: 1 – 2:00 p.m. Urbanovsky Park - 18th Street and Flint Avenue

EVENT: Eighth graders from Carr Middle School in Hale Center will participate in Rockets Away!, a one-day workshop on engineering and aero science. Students will receive hands-on, engineering experience as they design, build and test model rockets.

During the workshop, held in the Red Raider Lounge of the Student Union Building, students will learn about Newton's Laws, Bernoulli's Principle and other physics concepts as they design and construct their own model rockets. In the afternoon, students will transform Urbanovsky Park into Texas Tech's own Cape Canaveral as they watch their rockets take flight.

The workshop is hosted by the Center for Engineering Outreach as part of the nationwide Engineers Week, intended to cultivate community awareness and appreciation for the contributions of engineers.

CONTACT: **Robert D. Waller, communications specialist, Texas Tech University,**
(806) 742-3451 or r.waller@ttu.edu.



TEXAS TECH UNIVERSITY

News Release

DATE: February 12, 2007

CONTACT: Sally Logue Post, sally.post@ttu.edu
(806) 742-2136

Texas Tech University Announces Guaranteed Tuition Program

In an effort to increase access to higher education, Texas Tech University System Chancellor Kent Hance today (Feb. 12) announced a plan to offer free tuition and mandatory fees to some Texans.

During testimony Monday (Feb. 12) before the Texas House of Representatives Higher Education Committee, Hance announced a plan that would guarantee 100 percent of tuition and mandatory fees for the average course load for all new freshman students from Texas whose family's adjusted gross income does not exceed \$40,000. The plan will go into effect for the fall 2007 semester.

"Texas Tech is committed to providing higher education opportunities for financially disadvantaged Texans," said Hance. "It is vital that we find ways to make college affordable for as many Texans as possible. The state's future depends on a well-educated population."

"We will pay for eight semesters of higher education, the time it typically takes to complete a degree," said Texas Tech University President Jon Whitmore. "This means that many students who did not think they could afford college now can. A degree from Texas Tech means a brighter economic future for these students and for our state."

The Red Raider Guarantee program is available to first-time freshman students who are Texas residents and who enroll as full time students each semester. Students must also be eligible for federal financial aid. Eligible students who complete and submit the Free Application for Federal Student Aid (FAFSA) form before May 1, 2007, are guaranteed to receive funds. Any applications received after May 1, 2007, will be awarded based on available funding. Students may qualify for the program for up to eight semesters of full-time enrollment.

Texas Tech students who are enrolled in 15 credit hours per semester currently pay \$6,800 in tuition and mandatory fees per year. Under the new program, tuition and mandatory fees will be paid by a combination of federal, state and institutional funds.

Eligible students are encouraged to learn more at www.redraiderguarantee.ttu.edu.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 12, 2007

CONTACT: Cory Chandler, cory.chandler@ttu.edu
(806) 742-2136

Experts Can Speak About Ethanol and Other Biofuels

Researchers boost efficiency of alternatives as security, global warming push debate.

World energy experts meet in Houston this week for the Strategies for a High Stakes World: Innovation, Investment, and the Future of Energy conference. Participants will discuss issues involving the future of oil and gas security and the burgeoning role of alternative fuels.

Texas Tech scientists can speak on a range of alternative energy topics, including their own collaborative investigations into new methods to more cheaply and efficiently produce ethanol and other fuels.

Through multidisciplinary research that combines Texas Tech's agricultural, chemical, engineering and business expertise, the university is working to increase production of renewable biofuels including ethanol, biodiesel and lignocellulosic biomass – or fuel developed from grasses and other plant matter.

Experts include:

Dick Auld, chairman of the Department of Plant and Soil Sciences, can speak about the production of feedstocks and genetic manipulation of crops needed for production of biofuels. He can be reached at (806) 742-2838, or dick.auld@ttu.edu.

Dominick J. Casadonte Jr., chairman of the Department of Chemistry and Biochemistry, can speak about biofuel development using nontraditional crop plant extracts, such as cottonseed oil. He can be reached at (806) 742-1832, or dominick.casadonte@ttu.edu.

Mike Galyean, professor of animal and food sciences, can speak about using co-products created during ethanol and biodiesel production to support animal industries and optimize economic return. He can be reached at (806) 742-2453, or michael.galyean@ttu.edu.

Naz Karim, chairman of the Department of Chemical Engineering, can speak about new pre-treatments and enzymes that can be used to more effectively convert biomass into fuel. He can be reached at (806) 742-3553, or naz.karim@ttu.edu.

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Timothy Maxwell, professor of mechanical engineering, can speak to the development of engines using methanol, ethanol, natural gas, hydrogen and hybrid electric drive trains. He can be reached at (806) 742-3563, or timothy.maxwell@ttu.edu.

Terry McInturff, director of the Rawls College of Business Center for Energy Commerce, can speak about international energy policy and law and the marketing and distribution of biofuels. He can be reached at (806) 742-1609, or t.mcinturff@ttu.edu.

John Zak, chairman of the Department of Biological Sciences, can speak to the possible benefits of using arid-land fungi in biofuel development. He can be reached at (806) 742-2715, or john.zak@ttu.edu.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 12, 2007

CONTACT: Ben Samples, ben.z.samples@ttu.edu
(806) 742-2136

Texas Tech University's Engineers Week Events

Texas Tech University's College of Engineering will host a weeklong series of events in conjunction with Engineers Week, an annual nationwide observance recognizing engineers and their many contributions to society while encouraging today's youth to pursue careers in science, technology, engineering and mathematics.

The scheduled events are:

- **Rockets Away!**, an engineering and aero science workshop for eighth graders, will take place at 9:30 a.m. – 2 p.m. Feb. 20 in the Red Raider Lounge of the Student Union. Students will design and build model rockets during the workshop, then head to Urbanovsky Park to watch them fly. Registration is currently at capacity.
- **Pink Engineering Day** will take place from 6 p.m. – 8 p.m. Feb. 20 in the Ballroom of the Student Union Building. Texas Tech University and the Society for Women Engineers will host area female middle school students in an evening commemorating women engineers and their contributions to society. Students will have the opportunity to see presentations by Texas Tech faculty and compete in an engineering design challenge.
- **The Design Squad Premier Party** will take place from 9 a.m. – 3:30 p.m. Feb. 21 at the Science Spectrum, 2579 S. Loop 289. Design Squad, a new series on PBS television, follows eight high school students as they compete in engineering design challenges testing their ingenuity and wit. Students attending the party will have the opportunity to design and build their own engineering gadgets. Reservations are required: (806) 745.2525, ext. 228.
- **The College of Engineering Open House** will take place from 5 p.m. – 7 p.m. Feb. 22 in the Lankford Lab of the Electrical and Computer Engineering building on the TTU campus. The event will showcase state-of-the-art research labs including the heart simulator, pulsed power, and applied vision laboratories. High school students are especially encouraged to attend.

- The College of Engineering will present its hand-made Trebuchet at noon in Texas Tech University's Engineering Key. Texas Tech engineers will demonstrate the use of their trebuchet – an advanced version of the catapult.
- The Iron Ring Ceremony will begin at 5:30 p.m. Feb. 23 in Texas Tech University's Biology Lecture Hall, room 100. The Iron Ring Society, open to graduating engineering students, serves as a reminder of the engineer's duty to serve society, similar to the Hippocratic Oath in medicine.
- The College of Engineering Honors Convocation will take place from 9:30 a.m. – 11 a.m. Feb. 24 in Texas Tech University's Student Union Ballroom. Students who have maintained a 3.5 GPA or higher will be recognized for their hard work and achievement.

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CONTACT: Sharon Smith, communications coordinator, College of Engineering, Texas Tech University, (806) 742-3451, ext. 267, or sharon.smith@ttu.edu.



News Release

DATE: Feb. 13, 2007

WRITTEN BY: Gretchen Pressley, gretchen.m.pressley@ttu.edu
(806) 742-2136

Prestigious Fellowship Awarded to Texas Tech Graduate Student

A doctoral student in the Department of History at Texas Tech recently won one of 14 short-term residential research fellowships awarded by the Gilder Lehrman Institute of American History in New York.

Valerie McKito, the first fellowship winner from Texas Tech, will spend the month of July 2007 at the institute, where she will use its extensive library and research collection to study historical documents relating to her dissertation work.

"The Gilder Fellowship is very prestigious but is not well known here," McKito said. "There are a number of exciting things about this fellowship. The level of access to the collections I get is phenomenal. They will enable me to get a large amount of research done in one place."

McKito's dissertation is called *In the Shadow of Victory: Loyalists in the aftermath of the Revolution*. She is studying the influence of Loyalists who left America after the Revolutionary War, went to various countries within the British Empire, and then returned to the United States, rising to prominence in their communities.

"It's a topic in history that hasn't really been explored," McKito said. "Upon their return, these men really weren't seen as Loyalists. It's a very different take on the creation of America."

According to the institute's Web site, McKito will have access to the Gilder Lehrman Collection, containing more than 60,000 documents detailing the political and social history of the United States. The collection's holdings include manuscript letters, diaries, maps, photographs, printed books and pamphlets ranging from 1493 through modern times. Fellowship stipends range from \$1,500 to \$4,000.

For more information, visit www.gilderlehrman.org/historians/scholar2.html.

CONTACT: Valerie McKito, doctoral student in the Department of History, (806) 742-1004 or valerie.h.mckito@ttu.edu.



TEXAS TECH UNIVERSITY

Advisory

FOR IMMEDIATE RELEASE

DATE: Feb. 13, 2007

CONTACT: Ben Samples, ben.z.samples@ttu.edu
(806) 742-2136

Texas Tech Engineering Students Construct Medieval Weapon

WHAT: Trebuchet (treb-yoo-shet) Contest

WHEN: Noon Friday (Feb. 23)

WHERE: Texas Tech University's Engineering Key

EVENT: Teams of Texas Tech University engineering students will compete to build the most functional and accurate trebuchet – an advanced version of the catapult.

The teams will launch rolls of toilet paper at a target placed 200 feet from the firing area.

The contest is part of the annual, nationwide Engineers Week, intended to cultivate community awareness and appreciation for the contributions of engineers

CONTACT: **Jeff Woldstad, professor of industrial engineering, Texas Tech University**, (806) 742-3451 or jeff.woldstad@ttu.edu

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TEXAS TECH UNIVERSITY

Advisory

FOR IMMEDIATE RELEASE

DATE: Feb. 13, 2007

CONTACT: Ben Z Samples, ben.z.samples@ttu.edu
(806) 742-2136

Research Laboratories Open to the Public

WHAT: Texas Tech University's Engineering Research Laboratories Open House

WHEN: 5–7 p.m. Feb. 22

WHERE: Lankford Laboratory, room 101 of the Electrical Engineering Building, 1012 Boston Ave. Parking is available in "area reserved" parking spaces in Lots R-17, 16, 4 and 2.

EVENT: Texas Tech University's College of Engineering will open the doors to their state-of-the-art research facilities for an evening.

Texas Tech researchers will lead tours of facilities including the heart simulator, pulsed power and applied vision laboratories. A list of participating facilities is included.

The open house is part of the annual, nationwide Engineers Week, intended to cultivate community awareness and appreciation for the contributions of engineers.

CONTACT: **Claudia Thornton, College of Engineering, Texas Tech University,**
(806) 742-3451 or claudia.thornton@ttu.edu

A list of research facilities open to the public:

Civil Engineering:

Asphalt Lab, Civil Engineering 227
NASA Water Recovery Lab, Civil Engineering 17

Chemical Engineering:

Surface, Interfacial and Colloidal Science and Engineering Lab, Chemical Engineering B1

Computer Science:

Service-Oriented Computing Environment (SORCER) Lab, Computer Science 20B

Electrical and Computer Engineering:

Pulsed Power and Power Electronics, Electrical Engineering Annex
Applied Vision Laboratory, Electrical Engineering 121

Industrial Engineering:

Ergonomics Lab, Industrial Engineering 105
Materials and Manufacturing Lab, Industrial Engineering 107

Mechanical Engineering:

High Pressure Lab, Mechanical Engineering 126
Cardiovascular Mechanics Lab, Mechanical Engineering 137

Petroleum Engineering:

Rheology (Mud) Lab, Petroleum Engineering 106
Magnetic Resonance Imaging (MRI) and Nuclear Magnetic Resonance (NMR) Lab, Petroleum Engineering 103



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

Date: Feb. 14, 2007

Contact: Michael Castellon
(806) 742-2136

Vietnamese Food, Culture Will Be Centerpiece of Tet Celebration at Texas Tech

The Vietnam Center at Texas Tech University will host members of the public on Friday (Feb. 16) from 3 p.m. to 5 p.m. for a colorful and vibrant party celebrating the Vietnamese New Year.

The party will be from 3 p.m. to 5 p.m. in the Formby Room of the Southwest Collections Building.

Guests will be able to sample Vietnamese cuisine and learn about the culture of country and its people.

Feb. 18 ushers in the Year of the Pig. In Vietnam, each year is "sponsored" by one of 12 animals of the Vietnamese zodiac.

First is the rat, followed by the buffalo, tiger, cat, dragon, snake, horse, goat, monkey, rooster, dog, and lastly, the pig. Every 12 years, sponsorship reverts to the same animal, this year being the Pig's turn.

For more information about The Vietnam Center, please visit www.vietnam.ttu.edu

CONTACT: Stephen Maxner, Deputy Director of the Vietnam Center at Texas Tech University, steve.maxner@ttu.edu, or (806) 742-9010



TEXAS TECH UNIVERSITY

Advisory

FOR IMMEDIATE RELEASE

DATE: Feb. 15, 2007

CONTACT: Michael Castellon, michaelcastellon@gmail.com
(806) 742-2136

**COLORFUL WORLD OF CHILDREN'S LITERATURE
OPENS UP TO AREA READERS, AUTHORS**

WHAT: Engaging Young Readers: A Festival of Authors and Ideas

WHEN: Friday and Saturday (Feb. 16 – 17)

WHERE: College of Education at Texas Tech University

EVENT: Acclaimed children's author Terry Trueman, author and illustrator Marla Frazee, and editor-in-chief of Harcourt Children's Books Allyn Johnston will appear at the Engaging Young Readers: A Festival of Authors and Ideas, hosted by the Texas Tech University College of Education.

For a complete schedule of events and locations, visit:
www.educ.ttu.edu/edll/literaturefestival

CONTACT: Kathryn Button, associate professor in the College of Education,
Texas Tech University, at (806) 742-1997, or kathryn.button@ttu.edu



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 15, 2007

CONTACT: Sally Logue Post, sally.post@ttu.edu
(806) 742-2136

Texas Tech President Speaks at Statewide Education Summit

Texas Tech University President Jon Whitmore will speak on better preparing students for college Friday (Feb. 16) during the Texas Public Education Reform Foundation's Statewide Education Summit in Austin.

"There is more pressure than ever before on high schools to not only graduate students, but to make sure they are prepared to go to college," said Whitmore. "Texas Tech realizes that universities and colleges must partner with K-12 schools, parents and entire communities to prepare all students for postsecondary education."

Whitmore is part of a panel addressing "Better Preparing Students for College: Alignment, Affordability and Accountability." Other panelists include: William Powers Jr., president, the University of Texas at Austin; Larry Faulkner, president of the Houston Foundation and former president of UT-Austin; Jay Gogue, president of the University of Houston System and R. Gerald Turner, president of Southern Methodist University.

The one-day summit features presentations from higher education leaders, business executives such as Steve Jobs, CEO of Apple; Michael Dell, chair of the board of Dell, Ross Perot, foundation executives and policy makers. Sen. Kay Bailey Hutchison will deliver the keynote address at the summit.

"My personal message to Texas students is that it is never too early to start to prepare for college. To that end, Texas Tech is reaching out to encourage K-12 students to take more challenging courses, complete high school and get ready for college," Whitmore said.

"Ranging from reading programs, to engineering and science programs for girls, to a pre-law institute at a minority high school, Texas Tech is putting in place initiatives to enhance the quality of our schools and the preparation of teachers and students."

Affordability is another critical issue facing many Texas families. This week, Texas Tech announced the Red Raider Guarantee program which will cover tuition and fees for all new freshman students from Texas who's adjusted gross income does not exceed \$40,000.

Two years ago, Texas Tech became the first public university in the state to offer entering students a Graduate On Time Contract, which gives student incentive to graduate in a timely manner, saving on tuition and beginning to earn a salary sooner.

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“If Texas can focus on being responsive to real issues of access and affordability and scale up successful programs such as Texas Tech has developed, we can meet the needs of a broad spectrum of K-12 schools and begin to fulfill a community-wide, indeed, a statewide responsibility to the children of Texas,” Whitmore said.



TEXAS TECH UNIVERSITY

Advisory

FOR IMMEDIATE RELEASE

DATE: Feb. 16, 2007

CONTACT: Cory Chandler, cory.chandler@ttu.edu
(806) 742-2136

Texas Tech Architecture Hosts "Rural Studio" Screening Documentary details visionary architect's work in impoverished South.

- WHAT:** "The Rural Studio" documentary screening, hosted by the Texas Tech University College of Architecture
- WHEN:** 6 p.m. Monday (Feb. 19)
- WHERE:** The Firehouse Theatre
Louise Hopkins Underwood Center for the Arts (511 Ave. K)
- EVENT:** The public is invited to a free screening of the documentary, "The Rural Studio," which celebrates MacArthur Fellow Samuel Mockbee's vision of architecture as a catalyst for social change.

Mockbee, who helped found the Rural Studio program at Auburn University, is known for providing architectural houses for impoverished communities that are designed to match regional styles.

The documentary follows his student architects as they help to rebuild the social and physical landscape of a long neglected rural community "brick by recycled brick."

Texas Tech has worked with the Lubbock chapter of the American Institute of Architects as the institute seeks to promote community architecture programs as part of its 150th anniversary celebration.

CONTACT: David Driskill, associate dean for academics, College of Architecture, Texas Tech University, (806) 742-3136, or david.driskill@ttu.edu.



Advisory

FOR IMMEDIATE RELEASE

DATE: Feb. 19, 2007

CONTACT: Cory Chandler, cory.chandler@ttu.edu
(806) 742-2136

World Chess Champion Visits Young Enthusiasts

WHAT: Five-time world chess champion visits chess club at Ramirez Charter School

WHEN: 2 p.m. Wednesday (Feb. 21)

WHERE: Ramirez Charter School (702 Ave. T)

EVENT: Grandmaster Susan Polgar, the top-rated female chess player in the United States, four-time womens' world chess champion, and the first winner Women's World Chess Cup will visit the Ramirez Rooks chess team as part of an outreach program through Texas Tech University.

Polgar, already slated as the Texas Tech's spring commencement speaker, will visit Lubbock Tuesday and Wednesday to help university officials and faculty set up a permanent chess program. The university's fledgling chess program recently earned one of two 2006 Chess College of the Year Awards from the United States Chess Federation and was featured for its scholarships in The New York Times.

While in town, she will meet with chess players involved in the Ramirez Rooks – part of an outreach program run by the Knight Raiders.

Lubbock's only chess club, Knight Raiders consists of more than 100 student members and provides scholarships for those succeeding in the game.

CONTACT: Hal Karlsson, Knight Raiders advisor, Texas Tech University, at (806) 742-3130, or chess@ttu.edu.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 20, 2007

CONTACT: Sally Logue Post, sally.post@ttu.edu
(806) 742-2136

Texas Tech Awards Grants to Help Researchers Bring Projects to Patent Stage

Research projects focusing on a new drug to help increase the effectiveness of antibiotics and a new turf grass suited for semi-arid regions have won financial support from Texas Tech University's Office of the Vice President for Research.

The grants, through the university's new \$100,000 Commercialization Accelerator Fund, will help researchers through the final stage of work needed to apply for patents.

"Universities are playing a larger role than ever before in economic development," said Dean Smith, Texas Tech vice president for research. "We have many faculty who have ideas that could move into the market place, but need a little help to get to the patent stage."

The projects, by Robert Shaw, professor in the Department of Chemistry and Biochemistry, and Dick Auld and Robert Wright, professors in the Department of Plant and Soil Science, were selected from 12 applications from within the university.

"We sent the applications to outside reviewers, both scientists and venture capitalists," Smith said. "Each project is very near a stage where the researcher can apply for a patent. They just need a little extra financial help to get there. Many major research universities have this type of program. Texas Tech is now stepping up to provide our faculty extra help."

Shaw received \$63,000 for his project. He has developed a compound that could increase the effectiveness of current antibiotics. His work is protected by three patent applications. There is a \$30 billion market for antibiotics in the United States alone. But bacteria are becoming resistant to traditionally used antibiotics. Disease causing bacteria are producing enzymes that cause a change in the chemical structure of an antibiotic rendering it ineffective in killing the bacteria. Shaw has developed an inhibitor compound which can be administered in combination with antibiotics to prevent the enzymes from inactivating the antibiotic allowing the drugs to kill the bacteria. Shaw will use his grant for animal testing that will accelerate the commercialization of the technology.

Auld and Wright received a \$40,000 grant to continue work on a second generation of turf grass called Tech Turf II. Working in cooperation with area businesses, the researchers have already patented and marketed Tech Turf I, a type of Buffalo Grass and Shadowturf.

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a type of Zoysiagrass. The researchers predict that over the next six years the three patents could eventually produce \$1.9 million in royalties for Texas Tech, \$11 million in new business income and 20 additional jobs annually for the Lubbock area. Tech Turf II is designed to have the same drought and pest resistance characteristics, but show a darker green color desired by consumers. Auld and Wright will use the grant to perform the DNA fingerprinting needed to patent protect the plants.

“When technology transfer works it benefits the university by not only providing new knowledge but also by producing royalties,” Smith said. “For the businesses who partner with the university’s researchers, there is a potential for new sales income and new job creation. Working together in this manner, universities and businesses help ensure the continued strength of our local, state and the national economy.”



TEXAS TECH UNIVERSITY

Advisory

FOR IMMEDIATE RELEASE

DATE: Feb. 20, 2007

CONTACT: Ben Samples, ben.z.samples@ttu.edu
(806) 742-2136

Women Engineers, We Salute You!

WHAT: Pink Engineering Day

WHEN: 5 – 8 p.m. Feb. 20

WHERE: Ballroom of the Student Union Building

EVENT: Local female middle school students clad in pink will take part in an evening commemorating female engineers and their contributions to society. The event, which is hosted by Texas Tech University and the Society for Women Engineers, will include presentations by Texas Tech faculty and an engineering design challenge for the students.

Unlike last year's design competition, the objective of the engineering challenge will be withheld from the teams until the evening of the event. The challenge will require students to use innovative thinking while utilizing the engineering design process in preparing a solution.

The event was created last year by the College of Engineering as part of Engineering Month and is being celebrated in conjunction with National Engineers Week (Feb. 18 – Feb. 24) to encourage female students to pursue careers in science, technology, engineering and mathematics.

CONTACT: **Rebecca Thomason, graduate assistant for Center for Engineering Outreach, Texas Tech University, (806) 742-3451 or teateaewe@gmail.com**



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 20, 2007

CONTACT: Sally Logue Post, sally.post@ttu.edu
(806) 742-2136

KTXT-TV Channel 5 Hires New Development Officer Kelley Pitts Joins Local PBS Station on Texas Tech University Campus

Pat Cates, associate vice provost for television operations at KTXT-TV, recently announced the appointment of Kelley Pitts as development officer for KTXT-TV Channel 5, the PBS station in Lubbock.

Pitts, a graduate of Texas Tech, will manage the KTXT-TV development program including major gifts, endowment gifts, planned gifts, membership, annual fund, and corporate and foundation giving. Pitts will serve as part of the management and marketing teams for Channel 5.

"We are very pleased to have Kelley join the Channel 5 team," said Cates. "Her past experience working with non profit groups and numerous businesses in Lubbock will be extremely valuable."

Before joining Channel 5, Pitts served as Marketing Coordinator for Mr. Gatti's of Lubbock.

"I'm really excited about teaming up with Channel 5 to fulfill the needs of our community and serve Channel 5's donor interests by providing quality programming focused on arts and education," Pitts said.

For more information about KTXT-TV Channel 5, call (806) 742-2209 or visit www.ktxt.org and for more information about public television, visit www.pbs.org.

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TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 20, 2007

CONTACT: Ben Samples, ben.z.samples@ttu.edu
(806) 742-2136

Pioneers of Financial Planning Celebrated

Event planned to honor original financial planning programs.

Texas Tech University will host a four-day event Feb. 28 – March 3 honoring the nation's 20 pioneering Certified Financial Planning programs.

These academic programs, offering board-registered Certified Financial Planning degrees, played a major role in the evolution of the standard for personal financial planning professionals. They paved the way for the creation of the more than 300 current financial planning programs nationwide.

Texas Tech is a member of the original 20 programs, which include schools such as Purdue University, Baylor University, Georgia State University and Boston University.

Representatives from the original 20 programs will gather with students and leaders in the financial planning industry for events including a wine education course, etiquette dinner and awards banquet featuring Don Phillips, managing director of Morningstar, as the banquet's keynote speaker.

Texas Tech's financial planning students will have the opportunity to connect with more than 20 leading financial planning firms for potential internships and career positions said Deena Katz, an associate professor in the Personal Planning Division at Texas Tech.

"The financial industry recognizes Texas Tech's personal financial planning program as the premier academic program for financial planners," Katz said. "We work closely with the planning profession to ensure that our students have the cutting edge knowledge and skills to be competitive in this field."

Representatives from national financial planning firms including USAA, Wachovia and Edward Jones will visit the event, as well as from independent firms such as Kanaly Trust Company, Lee Financial and Evensky & Katz Wealth Management.

The event is hosted by Texas Tech University's Division of Personal Financial Planning, the Center for Financial Responsibility and the Personal Financial Planning Association in recognition of the hard-work and dedication of many individuals in the advancement of the financial planning industry.

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For a summary of events visit [this Web site](#).

**CONTACT: Bill Gustafson, Senior director of Center for Financial Responsibility,
Texas Tech University, (806) 742-9783, or bill.gustafson@ttu.edu**



TEXAS TECH UNIVERSITY

Advisory

FOR IMMEDIATE RELEASE

DATE: Feb. 20, 2007

CONTACT: Ben Samples, ben.z.samples@ttu.edu
(806) 742-2136

Television Series Premiere Party

- WHAT:** Engineering television series premiere party.
- WHEN:** 9 a.m.-3:30 p.m. Wednesday (Feb.21)
- WHERE:** The Science Spectrum (2579 S. Loop 289)
- EVENT:** More than 500 elementary and middle school students from across West Texas will visit the Science Spectrum for hands-on engineering projects and a sneak-peek at "Design Squad" – a new PBS television series focused on engineering.

The local Design Squad Premier Party is sponsored by the Texas Tech University T-STEM Center, Science Spectrum and KTXT-TV. The event is part of the nationwide Engineers Week, a celebration of awareness and appreciation for the contributions of engineers.

The free event, open to kids in grades 4-8, will be the South Plains' first look at the reality-based TV show that challenges teams of students to solve real-world engineering problems. After watching the premier episode, students will get to design their own solutions to engineering challenges adapted from the show.

"Design Squad" follows eight high school students as they compete to design and build fully operational engineering projects. Projects include everything from a machine that automatically makes pancakes to a motorized wagon that can reach speeds up to 20 mph. In the final episode, the two top-scorers battle for the grand prize – a \$10,000 college scholarship provided by the Intel Foundation.

Created by the Educational Outreach department at WGBH, a Boston PBS affiliate, "Design Squad" was developed as part of a five-year project that received major funding from the National Science Foundation and the Intel Foundation.

The television series is combined with a grassroots, national outreach effort that includes local "Design Squad" events, educational guides for teachers, a Web site and presentations to engineering organizations.

Area resident's can watch the premier broadcast of "Design Squad" at 6 p.m. on KTXT-TV, Feb. 21. New episodes of "Design Squad" will air weekly at 9 a.m. on Saturdays.

CONTACT: Robert D. Waller, communications specialist, Texas Tech University, (806) 742-3451 or r.waller@ttu.edu.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: February 20, 2007

CONTACT: Carol Woodard, carol.woodard@ttu.edu
(806) 742-2136

**TEXAS TECH UNIVERSITY STUDENTS
RECEIVE DEGREES IN FALL 2006**

LUBBOCK – Texas Tech University has announced Fall 2006 graduates. To obtain a list of graduates and honor students from your area, please go to <http://hometowners.ttu.edu/>.

You may search for students from your community and area by city and state or by zip code. If you need assistance using the search web page, please contact Carol Woodard at (806) 742-2136.

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FOR IMMEDIATE RELEASE

DATE: Feb. 20, 2007

CONTACT: Michael Castellon, michaelcastellon@gmail.com
(806) 742-2136

**NEWS CONFERENCE FEATURING
U.S. ASSISTANT SECRETARY OF COMMERCE**

WHAT: News conference

WHEN: 10:15 a.m. Thursday (Feb. 22)

WHERE: Merket Alumni Center, 17th and University Ave.

EVENT: U.S. Assistant Secretary of Commerce and Director General of the U.S. Commercial Service Israel Hernandez will hold a press conference pertaining to a major announcement involving the Rawls College of Business at Texas Tech University.

CONTACT: Susan Brown, coordinator for marketing and alumni relations, Texas Tech University Rawls College of Business, (806) 742-1571 or susan.brown@ttu.edu



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 20, 2007

CONTACT: John Davis, john.w.davis@ttu.edu
(806) 742-2136

Experts Available to Speak on St. Patrick's Life, Leprechaun Lore, Celtic Music and Genealogy

Believe it or not, there's more to St. Patrick's Day than green beer and bar specials.

From discussing Celtic music and legendary Irish creatures to searching Irish genealogy and factual biographical information on St. Patrick, Texas Tech University experts can answer your questions about the Emerald Isle. For more information, visit [this site](#).

John Howe, professor in the Department of History, knows that the lore and legends surrounding one of Christianity's most recognizable saints can make discovering the real St. Patrick difficult. He can separate the biographical fact from embellished fiction. **Reach Howe at (806) 742-1004 ext. 233, john.howe@ttu.edu, or visit www2.tlhc.ttu.edu/howe.**

Brian McFadden, assistant professor of English in the College of Arts and Sciences, can speak about leprechauns. He can relate numerous legends of the mischievous creatures, as well as the origins of their name. McFadden can describe why society creates stories of such creatures, what roles they play in teaching morality, and what they represent for Irish culture. **He can be reached at (806) 742-2501 ext. 241 or brian.mcfadden@ttu.edu.**

John McGlone, professor of animal and food sciences in the College of Agricultural Sciences, can speak about genealogy and his personal genealogical search for his Irish ancestors. He can offer advice on conducting a search for ancestors in other countries. He can discuss what it means to be Irish in America, Irish holidays and their histories and some of the common stereotypes Irish people have to face. **He can be reached at (806) 742-2805 ext. 246 or john.mcglone@ttu.edu.**

Christopher Smith, associate professor of musicology and director of the Texas Tech Celtic ensemble in the School of Music, can discuss how Celtic music, a rich piece of Irish culture, is passed down through many different generations as a form of oral history. **He can be reached at (806) 742-2270 or christopher.smith@ttu.edu**



TEXAS TECH UNIVERSITY

News Release

DATE: Feb. 20, 2007

CONTACT: Cory Chandler
(806) 742-2136

Texas Tech Agriculture Honors Alumni

[EDITOR'S NOTE: An individual in this release is from your area. Photos of the distinguished alumni are available electronically.]

Texas Tech University's College of Agricultural Sciences and Natural Resources will honor six individuals with its Distinguished Alumnus Award Monday (Feb. 19).

The award was established to recognize some of the college's most outstanding alumni for significant contributions to society. Honorees are also selected for the distinction their accomplishments and careers have brought to the college and to careers associated with agriculture or natural resources.

Recipients are:

- Larry D. Butler, a state conservationist for the U.S. Department of Agriculture's Natural Resources Conservation Service in Texas. He leads the agency's natural resources conservation mission and is responsible for management, leadership and direction of all administrative and technical functions of the Texas NRCS.

Butler previously was the NRCS Grazing Lands Technology Institute Director, with national responsibility for development and transfer of grazing lands technology. He served as national coordinator for the Grazing Lands Conservation Initiative and as regional range conservationist for 13 western states. Prior to these positions, he worked in Texas as range conservationist, biologist and district and area conservationist with NRCS in San Angelo, Del Rio, Bryan, San Antonio and Pecos.

He received the Society for Range Management's Outstanding Achievement Award in 2005 and as the Department of Natural Resources Management Outstanding Alumnus in 2005.

- D.D. Hardee, who retired in 2004 after 27 years of service with the United States Department of Agriculture. He served as location coordinator, laboratory director and research leader in Stoneville, Miss.

Prior to this he served as national program leader of field crop entomology for the USDA – ARS in Beltsville, Md.

- H. H. “Lad” Linthicum, retired director of Crockett National Bank and also retired from the Irion County Water Board.

Linthicum is a veteran of the Air Force and former director of the Texas and Southwestern Cattle Raisers Association. He also was involved with Veribest Cattle Feeders and Lipan Cattle Feeders.

- Horst Schach, professor and chairman of the Department of Landscape Architecture at the University of Kentucky in Lexington.

Schach also has served as program chair for the Landscape Architecture Program in the Department of Horticulture and Landscape Architecture at the University of Kentucky.

Schach has received numerous awards including the Student Government Association, Dr. Robert G. Zumwinkle Student Rights Award and the Merit Award for Residential Design from the Kentucky Chapter of the American Society of Landscape Architecture to name a few.

- Ronald Bruce Smith, 35-year vocational agriculture and agricultural sciences teacher at Dumas High School.

Smith’s program was selected as the outstanding program in the state in 1993 and Smith was elected as Area I Teacher Coordinator in 1996.

Prior to this Smith taught vocational agriculture at Roosevelt High School from 1970-1972.

- Robert Hunter Moorhouse, vice president and general manager of the Pitchfork Land and Cattle Company of Guthrie and Benjamin, Texas, and Eskridge, Kan.

Moorhouse is director of the American Quarter Horse Association, Texas and Southwestern Cattle Raisers Association and the Fort Worth Stock Show. He is also a member of the National Ranching Heritage Center in Lubbock and was named Western Horseman of the Year in 2006.

A collection of Moorhouse’s photographs became the AQHA’s first traveling exhibits. The photographs have traveled extensively throughout the United States and Europe.

CONTACT: Memory Bennett, coordinator of alumni relations, College of Agricultural Sciences and Natural Resources, (806) 742-2802, or memory.bennett@ttu.edu.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 21, 2007

CONTACT: Ben Samples ben.z.samples@ttu.edu
(806) 742-2136

Trebuchet Contest Cancelled

Texas Tech University announced the cancellation of Engineers Week's Trebuchet Contest, scheduled for noon Friday (Feb.23).

All other Engineers Week events will continue as scheduled.

CONTACT: Jeff Woldstad, professor of industrial engineering, Texas Tech University, (806) 742-3451 or jeff.woldstad@ttu.edu



News Release

DATE: Feb. 22, 2007

CONTACT: Cory Chandler

(806) 742-2136

Beefier Building Codes Helped Some Florida Homes Survive Tornadoes

Standards devised after Hurricane Andrew reduced damages, engineer says.

Wind-mitigating building codes implemented in Florida following Hurricane Andrew helped some houses resist a string of deadly tornadoes that hit the state earlier this month, says a wind researcher who surveyed the damage.

Larry Tanner, a civil engineering research associate with Texas Tech University's Wind Science and Engineering Research Center, studied the wreckage wrought Feb. 2 by a devastating string of storms that killed 20 people in Central Florida.

He said that stronger building standards implemented in the wake of Hurricane Andrew – which in 1992 caused 65 deaths and billions in damages – helped some newly built homes survive tornadoes that otherwise left a snarl of wreckage across four counties.

"You could quickly tell the mitigating effect of the hurricane measures," Tanner said. "Although the buildings were damaged, they would have been in worse shape without the standards."

This is true, he said, even though Florida codes were devised to protect against hurricanes rather than the stronger and more focused winds typical of tornadoes.

He pointed to homes located in the vast retirement community The Villages as examples. In many cases, changes such as reinforced garage doors and stronger roof connections in homes less than 10 years old helped keep them from collapsing.

Tanner, a longtime wind researcher, was part of a FEMA assessment team investigating the 1999 Oklahoma City tornado that killed 44 people and helped write federal guidelines. Guidelines for stronger garage doors were a part of the assessment recommendations. He has since studied hurricane and tornado damage at disaster sites around the country.

He lauded Florida's proactive approach to minimizing storm destruction. After investigating the aftermath of hurricanes such as Katrina and Ivan, he said he has seen firsthand how noticeably more destructive wind events are in states without Florida-type construction standards.

CONTACT: Larry Tanner, research associate, Department of Civil Engineering and Wind Science and Engineering Research Center, Texas Tech University, at (806) 543-4957, or larry.tanner@ttu.edu.



TEXAS TECH UNIVERSITY

Advisory

DATE: Feb. 22, 2006

CONTACT: Gretchen Pressley, Gretchen.m.pressley@ttu.edu
742-2136

Texas Tech Author Reads Excerpt from Award-Winning Story

- WHO:** Stephen Graham Jones, associate professor of English at Texas Tech
- WHAT:** Jones will perform a fiction reading, at which he will read aloud an excerpt of his award-winning short story, "Raphael," and, time permitting, another short story or part of one of his novels.
- WHEN:** 7:30 p.m., Thursday (March 1)
- WHERE:** Room 001, English building
- WHY:** Because of the recent news surrounding his short story "Raphael," Jones has agreed to give a special fiction reading to the Lubbock community.

Jones, a graduate of Texas Tech, is the award-winning author of four full-length novels and a short story collection. His novels are written as a mix of both horror and science fiction. His most recent book is the horror novel, "Demon Theory."

"Raphael" is about the perceived reality of scary stories, and what would happen if they became real. It was first published in "Cemetery Dance," an award-winning, bi-monthly magazine of horror, dark mystery and suspense.

The short story will be published in the 20th edition of "The Year's Best Fantasy and Horror," released in August, and the 2007 edition of "Horror: The Best of the Year," released in March. "Raphael" has also been nominated for the Bram Stoker Award for Superior Achievement in Short Fiction, sponsored by the Horror Writers Association.

Jones' short story collection was a finalist for the Violet Crown Award, sponsored by the Writers League of Texas, and it earned the Texas Institute of Letters' 2005 Jesse Jones Award for Best Work of Fiction. Past awards include the Independent Publishers Award for Multicultural Fiction and a National Endowment for the Arts Fellowship.

CONTACT: Stephen Graham Jones, associate professor of creative writing, Department of English, (806) 742-2500 ext. 238; stephen.jones@ttu.edu.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 26, 2007

CONTACT: Ben Samples ben.z.samples@ttu.edu
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Jim McAuley Award Recipient Announced

Top graduating engineering student named.

[Editor's note: award recipient is from your area, and a photo is available upon request]

Texas Tech University's College of Engineering Dean's Council honored Dana Rosenblatt, a mechanical engineering major from Mandeville, La., with the Jim McAuley Distinguished Engineering Student Award.

The award recognizes the most outstanding graduating Texas Tech engineering student. The recipient is selected from all engineering students who have maintained a minimum grade-point average (GPA) of 3.0 and will graduate in 2007. Applicants are judged based upon extracurricular and leadership activities, academic achievement and work experience.

Rosenblatt has been on Texas Tech's President List, honoring students with a 4.0 GPA, for each of her nine semesters at the university. She was a student assistant in the Texas Tech Nano Center, where her research included analyzing surfaces at the nano level – an extremely small scale – with mathematical equations. Her research contributed to the publication of an article she co-authored in the *Journal of Applied Physics*.

As a member of the Texas Tech track team, Rosenblatt was named NCAA Woman of the Year in 2006 and received the Margaret Wilson Academic Achievement Award, for the highest GPA of all female student athletes at Texas Tech. She was part of the Academic All-Big 12 for three years and was named the U.S. Track and Field and Cross Country Coaches Association All-Academic team in 2006. She is also the treasurer of Women in Mechanical Engineering and Engineering Technology, a member of Engineers without Borders and *Tau Beta Pi*, and is the secretary of *Pi Tau Sigma* – the mechanical engineering honorary fraternity.

Rosenblatt plans to earn her master's degree in mechanical engineering, followed by her doctoral studies. Her goal is to contribute to the solution of challenges facing the world in the realm of energy conservation, sustainability and self-sufficiency.

The award is named in memory of James A. "Jim" McAuley, who died in September 2000. McAuley was an educator, a Distinguished Engineer Award recipient and an active member of the Dean's Council.

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**CONTACT: Sharon Smith, communications coordinator, College of Engineering,
Texas Tech University (806) 742-3451 or Sharon.smith@ttu.edu**



TEXAS TECH UNIVERSITY

News Release

DATE: Feb. 27, 2007

CONTACT: Sally Logue Post, sally.post@ttu.edu
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KTXT-TV presents "Festival 2007: A Celebration of Music"
Special programming scheduled during annual celebration March 3-18

West Texas is known as one of the most influential music meccas in the world. This year during Festival 2007, KTXT-TV, a leader in promoting the music of West Texas, will air a "Celebration of Music" from March 3-18. Festival 2007 will air on Channel 5/Digital 5.1, (SuddenLink Cable Channel 4 in Lubbock).

Music lovers can tune in and pledge their support during the largest assortment of music programs ever featured within a two week-period on KTXT-TV, the Public Broadcasting (PBS) affiliate for the South Plains. Musicians and fans can choose from programs such as: "The British Beat," "Quartetto Gelato," "Andiamo," "Rocakabilly Legends," "Broadway's Best At Pops," "Country Pop Legends," "Heavenly Voices," "Doo Wop's Best," "My Music: Movie Songs" and more programs. Some of the performers featured include: Jesse Taylor, Junior Vasquez, Andre Rieu, Elvis, Jerry Lee Lewis, Daniel O'Donnell, Jim Wilson, Lawrence Welk, Patrizo, Kenny Rogers, Neil Sedaka and John Fogherty.

Fans of Misty, Lubbock's own legendary radio DJ and Texas Radio Hall of Fame member, will want to watch KTXT-TV's tribute honoring Misty's memory on March 11. After "Lawrence Welk," watch Misty's interview with Kenny Maines, which details much of her life in the broadcast industry in Lubbock. Additional testimonials from friends will give viewers a further glimpse into Misty's impact on her listeners' and viewers' lives. Then watch some of Misty's favorites including "Ralna English: From the Heart and Soundies: A Musical History."

Viewers craving arts and entertainment programming can opt for "The Best of Masterpiece Theatre," "Barbeque University," "The Art of Quilting," "Celtic Woman: Journey," "Antiques Roadshow," "America's Houses of Worship" and "Visions of Ireland." They'll also enjoy our usual outstanding nightly business shows.

For those interested in fitness, KTXT-TV offers several programs including "Dr. Andrew Wiel's Guide to Eating Well," "You on a Diet with Dr. Micael Roizen," "Back Care Basics," "Dr. Christanne Northrup: Menopause and Beyond" and "South Beach Heart Program."

Channel 5 will showcase donations nightly during the pledge drive for a \$500 Studio Club level sponsor or a \$250 Patron sponsor. With a \$50 donation in Misty's memory,

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you will receive recognition on March 11. A monthly "members only" Program Guide is available by joining the KTXT-TV family for just \$35.

Find the programming schedule in your KTXT-TV Program Guide or at www.ktxt.org or in your local newspaper listings. For more information about KTXT-TV Channel 5, call (806) 742-2209 or visit www.ktxt.org and for more information about public television, visit www.pbs.org.

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Contact: Kelley Pitts, KTXT-TV director of development at (806) 742-1991 Ext. 227 or (806) 790-0061.



TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 28, 2007

CONTACT: Sally Logue Post, sally.post@ttu.edu
(806) 742-2136

Texas Tech to Host Regional Economic Opportunity Conference in Midland

Texas Tech University and the State of Texas Historically Underutilized Business Discussion Outreach Committee will host the 5th annual Regional Economic Opportunity Forum April 4, 2007 at the Clarion Hotel Convention Center, 4300 W. Wall St. in Midland.

This year the forum will be held in conjunction with one of several small business summits held across the state by the State of Texas Historically Underutilized Business Discussion Workgroup Committee.

The theme for the one-day forum is "Selling Texas One Region at a Time." The summit will be a full day of discussion and education on a variety of topics of concern to small-businesses. How to get HUB certification and how to do business with the state are the major topics to be discussed. The Texas Department of Transportation will conduct a liaison meeting for small businesses to learn about upcoming bidding opportunities. Small business vendors will have an opportunity to network with city/state/federal procurement officers on how to bid on government contracts.

Texas Secretary of State Roger Williams will be the keynote speaker at the luncheon. The secretary will discuss the Texas and regional business climates as well as the role small businesses and entrepreneurs play in Texas' continued growth.

Pre-registration deadline is March 10th for the luncheon and for businesses, state and federal agencies wishing to set up an exhibit booth. The registration fee for state and federal agencies is \$250 and non-governmental agencies \$300. The forum is sponsored by Texas Tech University, the Office of the Governor, Economic Development & Tourism, and the Office of the Secretary of the State, Texas Department of Transportation and the HUB Discussion Workgroup Outreach Committee.

Forum exhibits and workshops are free to the public. The cost of the luncheon is \$20 per person.

To register for the luncheon or to obtain more information about the forum, contact Lorenzo "Bubba" Sedeno, Texas Tech University manager of HUB operations, at (806) 742-4440, via e-mail at bubba.sedeno@ttu.edu or irene.montoya@ttu.edu.

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TEXAS TECH UNIVERSITY

News Release

FOR IMMEDIATE RELEASE

DATE: Feb. 28, 2007

CONTACT: John Davis, john.w.davis@ttu.edu
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Texas Tech Expert Available to Speak on International Particle Physics Experiments

The heaviest piece of the Compact Muon Solenoid particle detector will make the momentous journey today Feb. 28 into its experimental cavern more than 300 feet underground in the Large Hadron Collider accelerator at CERN in Geneva, Switzerland.

High-energy physicists from Texas Tech University have played leading roles by designing and building two detectors for the Compact Muon Solenoid experiment. All these detectors' optical fibers, light sensors, front-end electronics, and enclosures were designed, produced, and tested at Texas Tech by students, postdoctoral fellows, and the department staff during the last several years.

This effort constitutes the largest physics project ever undertaken and has been decades in the making, says Nural Akchurin, an associate professor of physics at Texas Tech and a project manager at the collider.

Akchurin is available to speak on today's event and Texas Tech's involvement in the international program.

A huge gantry crane will take 10 hours to lower the CMS detector's preassembled central section into place. It's one of four international particle physics experiments at the collider.

[Editor's Note: Geneva, Switzerland, is seven hours ahead of Central Standard Time.]

CONTACT: Nural Akchurin, associate professor of physics, Texas Tech University,
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