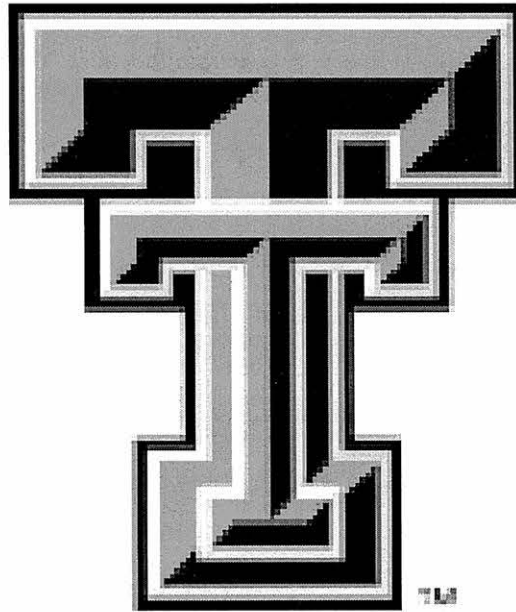


Texas Tech University  
News Releases



Office of News & Publications

May through August 2001

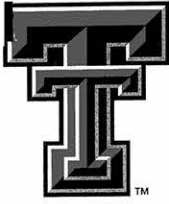
LOGSHEET		
Separated by Weeks		
05/01/01	Daisy Floyd, J.D. Selected as Carnegie Scholar	KS
05/02/01	International Association of Historians to Meet at Texas Tech	TB
05/02/01	Texas Tech Tops Other Universities in Charitable Campaign	JM
05/02/01	TTUHSC Workshop to Focus on Hostility Prevention	JT
05/02/01	Annual Agricultural Honors Banquet	LW
05/03/01	2001 Spring Graduates	LW
05/03/01	Kelli Stumbo Elected as Student Government Association Internal VP	MR
05/03/01	Tita Chico, Ph.D. Awarded Mellon Postdoctoral Research Fellowship	MR
05/03/01	Keith Bearden Awarded Kappa Kappa Psi's Distinguished Service to Music Medal	KS
05/03/01	Texas Tech to Honor Summer Graduates	LW
05/04/01	Rajinder Koul, Ph.D. Awarded the Mary E. Switzer Rehabilitation Research Fellowship	JT
05/04/01	Kishor Mehta Ph.D. Named Honorary Member of the American Society of Civil Engineers	JM
05/04/01	Texas Tech Summer Camps	AL
05/07/01	Dominick Casadonte, Jr., Ph.D. Awarded the Piper Professor Award for 2001	LW
05/08/01	Dallas Senator to Speak at Spring 2001 Graduation	LW
05/09/01	TTUHSC Free Skin Cancer Screening	AW
05/14/01	Texas Tech Agricultural Educators Provide Resources to Central American Farmers	LW
05/16/01	Wind Science and Engineering Center Study the Effects of Wind Damage	JM
05/17/01	TTUHSC Schedule of Graduation Ceremonies	SCM
05/17/01	Media Perpetuates Dual Perceptions of Women in Business	LW
05/17/01	The Nonwoven Laboratory at International Textile Center Receives New Equipment	LW
05/18/01	TTUHSC Graduation Ceremonies	SCM
05/18/01	David Schmidly Named Small Business Advocate of the Year	CR
05/18/01	Energy Experts Available to Discuss Conservation Policy	LW
05/22/01	Naming of the TTUHSC Student Center - F. Marie Hall Synergistic Center	SCM
05/23/01	New Dean of Jerry S. Rawls College of Business - Allen T. McInnes, Ph.D.	LW
05/23/01	TTUHSC Open House for Three New Labs	JT
05/24/01	Heath Hightower Elected as Senator at Large for the Student Government Association	TT
05/25/01	TTUHSC Willard Body Program	AW
05/29/01	Texas Tech Law Professor Available for Comments on PGA Supreme Court Decision - PGA v. Casey Martin	LW
05/30/01	Opening of the Center of Excellence in Cryobiology at Reese Technology Center	LW
05/30/01	College of Education Received Accreditation from NCATE	TB

05/31/01	Robert Sweazy Named Vice President for Research, Graduate Studies, Technology Transfer and Economic Development	CR
05/31/01	School of Law Receives Gift from Nike	LW
06/01/01	Terry Morrow Named Interim Director of the School of Art	TT
06/01/01	Protecting Your House from Storm Damage	JM
06/04/01	Four TTU History Professors Participate in the Texas State Historical Association's "A Journey Through Texas History"	AL
06/08/01	Third Annual Summer Premedical Academy	AW
06/08/01	Big XII Adopts Texas Tech's No-Pass No-Play Rule	CC
06/08/01	College of Education Received Accreditation from NCATE	TB
06/12/01	Science Education Fellowship Program	TT
06/13/01	Upward Bound Program Play - "Juanita's Diary"	TT
06/13/01	Water Damage and Mold	AW
06/15/01	Red Raider Readers Launch "Prescription for Dad"	KP
06/15/01	Texas Tech Swine Research	LW
06/15/01	Board of Regents to Consider Hill Country Courses	MS
06/18/01	Kenneth Green, Law Student, Awarded Rocky Mountain Mineral Law Foundation Scholarship	TT
06/18/01	Texas Tech Gains Funding for 2002-2003 from Texas Legislature	SP
06/19/01	TTUHSC Presidential Address Regarding 77th Legislative Session Event Advisory	SCM
06/19/01	TexPREP-Lubbock	AL
06/19/01	Dr. David R. Smith Appointed Interim Chancellor	CR
06/20/01	TTUHSC President's Address on 77th Legislative Session	SCM
06/20/01	The Institute of Environmental and Human Health Awarded Grant for Perchlorate Ecotoxicology Research	JG
06/22/01	TexPREP-Lubbock Camp	AL
06/25/01	Fourth of July Safety	KM
06/25/01	Jerad Dean Mitchell Memorial Scholarship Established	KP
06/25/01	Black Mold Expert, Insanity Defense, and Swine Production	LW
06/27/01	Postpartum Depression, Eliminating Black Mold	AW
06/27/01	Otitis Media - Fluid in the Middle Ear	KP
06/28/01	Student Recreational Fee Increase	SLP
06/29/01	Texas Tech Faculty Merit Raises	SLP
07/03/01	Chancellor John T. Montford Steps Down	CR
07/03/01	Paul E. Marion Memorial Endowment Established	LW
07/06/01	Regents Meeting Set to Discuss Interim Chancellor	CR
07/06/01	John T. Montford Media Interview Availability	SLP
07/06/01	Texas Tech Police Win Medals in the Texas Police Games	SLP

07/09/01	Alexia Green, RN,Ph.D., Selected as Robert Wood Johnson Executive Nurse Fellow	JT
07/10/01	Staff Senate's Second Annual Appreciation/Inauguration Ceremony	SLP
07/10/01	Media Day at Red Raider Camp	SLP
07/11/01	It's the All-Star Breaks; How About a Baseball Projection?	SLP
07/11/01	Jerry S. Rawls College of Business Administration Honors Alumni	LW
07/12/01	Broadway Entry Gates Ribbon Cutting Ceremony Event Advisory	JM
07/12/01	Mechanics and Materials Conference Awards Engineering Student Young Zheng First Place in Competition	JM
07/13/01	Alberto P. Cardenas, Jr. Appointed Director of Federal Relations for TTUHSC	SCM
07/16/01	Board of Regents Appoint David R. Smith, M.D. Interim Chancellor	CR
07/17/01	Broadway Entry Gates Honor W. B. "dub" and Mozelle Rushing	JM
07/19/01	Discussion of Africanized Bees on the Southern High Plains Event Advisory	SLP
07/19/01	Tech Engineering Students Ranked Second in Texas with 95.6 Percent Pass Rate on the Fundamentals of Engineering Exam	JM
07/19/01	Regents to Appoint Dr. David Smith Interim Chancellor	CR
07/23/01	TTUHSC Workshop on Sexuality in Children	JT
07/24/01	Interim Chancellor and President Does Media Tour of Montford Unit	SCM
07/24/01	Holly Hamm, Law Student, Awarded Rocky Mountain Mineral Law Foundation Scholarship	TT
07/25/01	Phase One Complete At Montford Regional Medical Facility	SCM
07/25/01	Red Raider Camp Held at Junction Campus	JM
07/27/01	Tech Professors Honored with Lifetime Achievement Award from the International Network on Personal Relationships	TT
07/30/01	KTXT-TV August Fundraiser	LW
07/31/01	Vatican Exhibit Ticket Process Event Advisory	SLP
08/01/01	Vatican Exhibit Ticket Information	SLP
08/01/01	Truck Donation to Riding Therapy Program	LW
08/02/01	Real Sports Publisher to Speak at Graduation	LW
08/02/01	School of Law Spring Graduation	LW
08/02/01	TECHniques Center Seeking Tutors	AL
08/07/01	Jerry S. Rawls College of Business Administration Hosts Delegation from the State Power Corporation of China	AL
08/08/01	Carillon Telemedicine Initiative	SCM
08/09/01	Texas Tech Offers Computer Training in the Metroplex Event Advisory	JM
08/09/01	New Visitors Center Ribbon Cutting Ceremony Event Advisory	JM
08/09/01	Anonymous Foundation Gives Planned Gift to Honors College	CR
08/13/01	Consumers Must Make Educated Choice About Debt Consolidation, Home Equity Loans	LW
08/13/01	West Balcony of United Spirit Arena Closed for James Taylor Concert	CR
08/14/01	Concussion Care Clinic	AW
08/14/01	Childhood Immunizations, Nursing Home Telemedicine	SCM







**FOR IMMEDIATE RELEASE**

June 1, 2001

CONTACT: Tiffany Tubbs, [tiffany.c.tubbs@ttu.edu](mailto:tiffany.c.tubbs@ttu.edu)

Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texastech.edu/newshome>

**TEXAS TECH WELCOMES MORROW AS INTERIM DIRECTOR  
OF THE SCHOOL OF ART**

LUBBOCK –Texas Tech University Dean of Arts and Sciences Jane L. Winer, Ph.D., announces that Professor Terry Morrow, M.S., has agreed to serve as interim director of the School of Art, effective June 1.

“An interim director is someone who has the experience and is willing to put in the time and energy into the position. We feel that Professor Morrow has fulfilled all the criteria for such a position,” said Winer.

Morrow has had 10 years of full-time faculty experience at Texas Tech where he served in numerous leadership positions in the School of Art, serving as interim chairperson and also chairperson from 1985 through 1991.

Morrow is taking the place of Melody Weiler, M.A. Weiler was the director of the school of art for 10 years and is going to be the dean of faculty at the Ringling School of Art in Sarasota, Fla.

The mission of the Texas Tech School of Art is to provide a stimulating and challenging environment in which students develop creative and scholarly potential; to support faculty members in the pursuit of excellence in teaching and research; to serve and lead public and professional constituencies; and to facilitate intercultural understandings through art.

Texas Tech, the largest research university system in West Texas, provides education and support to approximately 25,000 students. Texas Tech is the only university system in the state with a comprehensive academic campus, law school and medical center on the same campus. The university’s research programs, in areas such as wind engineering, agriculture and environmental and human health, impact the lives of all Texans.

Source: Jane Winer, Ph.D., dean, College of Arts and Sciences, 742-3833, [jane.winer@ttu.edu](mailto:jane.winer@ttu.edu).



**FOR IMMEDIATE RELEASE**

June 1, 2001

CONTACT: Josh Murray, [josh.murray@ttu.edu](mailto:josh.murray@ttu.edu)

Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texastech.edu/newshome>

**PROTECTING YOUR HOUSE FROM STORM DAMAGE**

LUBBOCK - Supercell thunderstorms, like that which barreled through the Lubbock area Wednesday night, often are accompanied by high winds and hail. At 10:10 p.m. Wednesday, a downburst with a peak gust of 105 mph was recorded by Texas Tech University's Mesonet weather station at Reese Technology Center. These winds are strong enough to pick up and toss debris into windows, to uproot trees, to remove roofing and even to flip inadequately anchored manufactured homes. While some damage is inevitable, researchers at Texas Tech's Wind Science and Engineering Center say homeowners can do several things to reduce damage from the high winds and hail.

Right Before the Storm

*Batten down:* When the forecast includes thunderstorm and high wind warnings, take potted plants and other loose items inside. Store or tie down garbage cans, lawn furniture, barbecue grills, trampolines and other items that can be picked up by the wind and propelled into windows.

Advance Preparations

*Reduce potential debris:* Debris is anything that can be picked up and propelled by the wind. Replace gravel/rock landscaping with shredded bark. Keep trees and shrubbery trimmed and cut away weak branches.

*Reinforce double garage doors:* In many damage investigations, researchers have found that double-wide garage doors are very susceptible to wind damage. Once the garage door fails, damage can be compounded as wind enters the garage and begins to push outwards on walls and the roof. Kits are available to reinforce these doors.

*During re-roofing:* The easiest, most inexpensive method of strengthening the roof sheathing attachment is re-nailing using extra 8d nails or #8 screws. *Retrofitting a Roof for High Wind Uplift* gives all the particulars for this process (see below). Install new shingles securing them with asphalt cement. To minimize damage from hail, install impact-resistant shingles.

*Laminated glass:* Other than shutters, homeowners can do little to prevent window breakage from flying debris. However, by installing laminated glass windows, the windows will stay in place, even after breakage, thus preventing further damage from wind and water entering the house. These windows will cost 5 to 15 percent more than conventional windows, but in the long run, the windows could prevent extensive damage to your house.

*Anchor manufactured homes:* Ensuring that your home is properly anchored is the most important step you can take to reduce the chance of your manufactured home moving or flipping in high winds. Please remember, when the possibility of tornadoes or high winds exists, do not remain in a manufactured home; seek safety in a sturdy shelter.

For more information, visit the Wind Science and Engineering Research Center's Web site at [www.wind.ttu.edu](http://www.wind.ttu.edu). Click on *Protecting your House*. All the following are linked on this site and can be downloaded free-of-charge from their respective Web sites:

- *Avoiding Wind Damage: A Checklist for Homeowners* from the Federal Emergency Management Agency
- *Retrofitting a Roof for High Wind Uplift* from APA: The Engineered Wood Association
- *Is Your Home Protected from Hurricane Disaster?* (includes basic wind-resistant methods, not just for hurricane) from the Institute for Building and Home Safety
- *Is Your Home Protected from Hail Damage?* from the Institute for Building and Home Safety
- *Prepare Your Mobile Home* from Lowe's Storm 2000

Telephone the Wind Science and Engineering Center for more information at 742-3479 ext. 339 in Lubbock or toll-free at TTU WINDCTR (888-946-3287).

Texas Tech, the largest research university system in West Texas, provides education and support to approximately 25,000 students. Texas Tech is the only university system in the state with a comprehensive academic campus, law school and medical center on the same campus. The university's research programs, in areas such as wind engineering, agriculture and environmental and human health, impact the lives of all Texas.

**SOURCE:** April MacDowell, research associate, (806) 742-3479 ext. 339, or via e-mail at [april.macdowell@coe.ttu.edu](mailto:april.macdowell@coe.ttu.edu).



Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texas-tech.edu/newshome>

**FOR IMMEDIATE RELEASE**

June 1, 2001

CONTACT: Angela Loston, [aloston@ttu.edu](mailto:aloston@ttu.edu)

**PROFESSORS TO ENRICH TEACHERS' KNOWLEDGE  
OF TEXAS HISTORY**

LUBBOCK – The makeup of a history class for four Texas Tech University professors will dramatically change this summer. Instead of teaching college students, the professors will instruct teachers from across the state on facets of Texas history by participating in the Texas State Historical Association's "A Journey Through Texas History" from June 4 - 8.

During the event, three of the professors will speak from 9 a.m. – noon Monday (June 4) at the Four Points Sheraton Hotel, located at 505 Avenue Q. Otis Templer, Ph.D., professor in the department of economics and geography, will discuss the impact of geography on the settlement of the plains.

Paul Carlson, Ph.D., professor in the department of history, will provide an overview of the history of Lubbock and the plains. Along with offering a short history lesson of the South Plains, Carlson will also discuss this region's evolving demographics.

During his presentation, Jorge Iber, Ph.D., assistant professor in the department of history, will focus on Mexican-American women and their contributions to their communities and families. Iber will also talk about Mexican-American women's contributions to labor and religious organizations.

The myth of Texas and its global appeal will be part of a lecture presented by Meredith McClain, Ph.D., associate professor of German for the department of classical and modern languages and literatures. McClain will speak at 8:30 a.m. Thursday (June 7) at the American Wind Power Center, located at 1501 Canyon Lake Drive.

Along with history lessons, other activities will take place during the weeklong workshop. To gain insight into the influence of the cattle industry on this region, participants in this program will visit the Ranching Heritage Center. Participants will also visit sites such as Lubbock Lake Landmark State Historical Park, Mackenzie Park's Prairie Dog Town, and the Buddy Holly Center.

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**SOURCE: Leslie Sharpe, development coordinator of the Texas State Historical Association, at (512) 232-1524 or [sharpe@utxvms.cc.utexas.edu](mailto:sharpe@utxvms.cc.utexas.edu).**





**FOR IMMEDIATE RELEASE**

REF: A-6-8-01

CONTACT: Andrea Watson, [andrea.watson@ttmc.ttuhscc.edu](mailto:andrea.watson@ttmc.ttuhscc.edu)

Texas Tech University Health Sciences Center

3601 4th Street

Lubbock, TX 79430

806-743-2143

FAX 806-743-2118

<http://www.ttuhscc.edu/home/newspubindex.htm>

**TTUHSC OFFERS STUDENTS CHANCE TO GET AHEAD**

LUBBOCK – When it comes to getting into medical school, the competition can be fierce – classes are small and everyone wants to go to the best schools. Many students are caught off guard by the intense competition and overwhelmed by the process.

That's why Texas Tech University Health Sciences Center will offer the Summer Premedical Academy for the third year. The program is designed to give financially and educationally disadvantaged students an edge when they apply to medical school, said Barbara Ewalt, director of admissions for the TTUHSC School of Medicine.

"This program is a way of bridging the gap for disadvantaged students," Ewalt said. "When they apply to medical school, they're competing against a wide spectrum of people, many of whom have gone to large high schools and had numerous science classes and can afford expensive preparatory classes. These students don't have that luxury."

Ewalt said students are selected through an application process which examines the household income and living situation, educational background of the parents, extracurricular involvement, employment, letters of recommendation and a number of other factors.

The students also must be college sophomores or juniors with a 3.0 or above grade point average who have completed a minimum of 50 semester hours, including two semesters of biology and general chemistry and one semester each of organic chemistry and physics.

During the program, which runs from May 29 through July 11, the students will take a Medical College Admission Test (MCAT) preparatory class which will include taking five full-length tests, participate in a speaking course designed by Toastmasters, further develop their writing skills, participate in mock admissions interviews and shadow physicians.

The students' days are very structured and very busy, Ewalt said, because there are so many subjects to address. However, not every moment is spent studying and working.

“I schedule time for them at the Student Recreation Center,” she said. “We’ll also have three enrichment activities. We’ll go to the Science Spectrum, Lubbock Lake Landmark and Carlsbad Caverns.”

The students will also spend one afternoon doing the ROPES Course on the Texas Tech campus and have several community service experiences. They will visit with residents of the Carillon Senior Living Center on July 4, work at the South Plains Food Bank and spend time interacting with children at the Optimist Boys & Girls Club.

“The volunteer work gives them a chance to be involved with different age groups and it provides a way to give back,” Ewalt said.

While attending the program, the students stay in residence halls on campus with two medical students who have completed their first year. This gives the academy students a chance to ask questions about what medical school is really like, Ewalt said.

In addition to asking questions of current medical students and the faculty helping with the academy, the students have a chance to listen to a variety of speakers throughout the program. This year’s speakers will include Lady Raiders Basketball coach Marsha Sharp; Assistant U.S. Attorney of the Northern District of Texas Paulina Jacobo; Abner Euresi, news anchor at KCBD-TV; Dr. Oscar Noriega, a TTUHSC School of Medicine faculty member from El Paso; Dr. Donald Wesson, chair of the Department of Internal Medicine; Brian Newby, an attorney, Texas Tech alumni and member of the Tech Board of Regents; Eric Strong, director of Upward Bound programs; and Dr. Bernard Harris, an astronaut and TTUHSC School of Medicine graduate.

The most important part of the varied experiences the students receive during the program is the feedback and preparation they get, which will help them as they begin the medical school application process, Ewalt said.

“This makes them more competitive,” she said. “All these individuals need is a chance. They need a guiding hand. They need an opportunity to fill in some of the skills and knowledge they did not get in high school. These students are intelligent and they are motivated. This program gives them the chance they need.”



**FOR IMMEDIATE RELEASE**

June 8, 2001

CONTACT: Chris Cook, [chris.cook@ttu.edu](mailto:chris.cook@ttu.edu)

Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texastech.edu/newshome>

**BIG XII ADOPTS TEXAS TECH NO-PASS, NO -PLAY RULE**

LUBBOCK – Texas Tech University System Chancellor John T. Montford today commended Big XII schools for joining Texas Tech in adopting a no-pass, no-play rule for athletes.

Montford pointed to Texas Tech as the first school in the Big XII to adopt a no-pass, no-play policy. Texas Tech has operated under its own no-pass, no-play rule for four years.

Presidents of Big XII schools during the two-day meeting this week approved a rule requiring athletes to pass at least six hours of classes each semester to be eligible for competition. They adopted another rule requiring that a student athlete pass six hours of courses in the semester immediately preceding a bowl game or postseason competition.

“The Texas Tech no-pass, no-play rule has served us well and I think it will serve the Big XII well. We hatched this idea because we believe that our primary responsibility is to ensure that all our students are successful in life. This rule has established that at Texas Tech we want our students to be successful in the classroom as well as in their athletic opportunities,” Montford said.

Texas Tech’s Associate Athletic Director for Compliance, Shane Lyons, agrees. “The new rule is a positive reinforcement of the importance of academics for our athletes. We as an institution applaud the new rule and support it,” Lyons said.

Texas Tech, the largest research university system in West Texas, provides education and support to approximately 25,000 students. Texas Tech is the only university system in the state with a comprehensive academic campus, law school and medical center on the same campus. The university’s research programs, in areas such as wind engineering, agriculture and environmental and human health, impact the lives of all Texans.



Texas Tech University System  
NEWS & PUBLICATIONS

n e w s   r e l e a s e

**FOR IMMEDIATE RELEASE**

June 8, 2001

CONTACT: Taylor Bloom, [taylor.bloom@ttu.edu](mailto:taylor.bloom@ttu.edu)

Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texastech.edu/newshome>

**TEXAS TECH COLLEGE OF EDUCATION  
RECEIVES PROFESSIONAL ACCREDITATION**

LUBBOCK – The College of Education at Texas Tech University is one of 54 schools of education that received either initial or continuing accreditation from the National Council for Accreditation of Teacher Education (NCATE) in its most recent round of decisions. NCATE accredits 520 institutions, which produce two-thirds of the nation's new teacher graduates each year.

The United States Department of Education recognizes NCATE as the professional accrediting body for schools, departments and colleges of education. On-site visits, document reviews and accreditation decisions are all carried out by professionals from the education community as well as members of the public and education policymakers.

NCATE standards expect accredited schools to ensure that subject matter content and method of teaching is a priority; to emphasize school district collaboration; to ensure that candidates can use technology in instruction; and to prepare teacher candidates to teach students from diverse backgrounds. NCATE revises its standards every five years to incorporate best practice and research, in order to ensure that the standards reflect a consensus about what is important in teacher preparation today.

"We are very pleased to receive this full accreditation from NCATE," said Greg Bowes, Ed.D., dean and professor of the College of Education. "We are equally proud of our students' success, our faculty and staff contributions to our excellent programs, and our exceptional partnerships in the South Plains area."

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**CONTACT: Karen Jacobsen**, director of external relations for the Texas Tech University College of Education, (806) 742-1997 (ext. 400) or by e-mail at [kjake@ttu.edu](mailto:kjake@ttu.edu).



Texas Tech University System  
NEWS & PUBLICATIONS

news release

**FOR IMMEDIATE RELEASE**

June 12, 2001

CONTACT: Tiffany Tubbs, [Tiffany.c.tubbs@ttu.edu](mailto:Tiffany.c.tubbs@ttu.edu)

Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texastech.edu/newshome>

*They Came, They Taught, They Traveled*

Most students never dream that during their studies at Texas Tech University they would get a chance to help the ones that once taught them. A unique program has created a new opportunity to teach science in the classroom. The Science Education Fellowship has paved the way for many students to gain experience in their fields of study. The Science Education Fellowship, which is funded through the Texas Tech University Howard Hughes Medical Institute, allows students to work with and research cutting-edge technology in science and also to teach the material.

This summer, fellows will have a chance to do something that most students never get the opportunity to do ... train teachers in the Traveling Lab Program. For one week during June, all high school and junior high school teachers in Educational Region 17 are offered a chance to attend workshops put on by the fellows, which will enable the teachers to use various types of labs available to them. "We have elementary teachers all the way up to advanced placement physics teachers participating in these workshops," said Megan Hollingsworth, a senior multidisciplinary science major and a fellow. Hollingsworth has been a fellow since May 2000 and says that she feels confident about graduation because she has actually had hands-on experience. In the middle of the week of workshops a teacher appreciation banquet is held to honor the commitment these teachers have for classrooms and students.

The traveling labs are only available to those teachers who attend the workshops and 13 labs are available in all. About 75 teachers are participating in the workshops this year. Attending this week of workshops will allow the teachers to receive three to six hours of professional development credit through the Region 17 Education Service Center and a \$15 stipend from the Texas Tech University Howard Hughes Medical Institute for each half-day attended.

Sheryl Schake, traveling lab program coordinator, has been in charge of this program for three years. "We have approximately 46 fellows in the program this year and four to five of those students train teachers in the workshops," said Schake. "We use more of our experienced fellows for the workshops because they have had curriculum development and teacher experience." The program has two components: the science education component and undergraduate research component. Students in both components are given a chance to be mentored in a research lab.

Six workshops cover the areas of biology, physics, chemistry, integrated physics and chemistry, statistics and Cambridge physics. Most of the workshops consist of Pasco Bundles, which are types of interface materials. Cambridge Physics is one of the

-more-

An EEO/Affirmative Action Institution

An EEO/Affirmative Action Institution



special workshops put on during this week in which students will be teaching hands-on CPO (Cambridge Physics Outlet) equipment to illustrate a variety of concepts in the worlds of physics. There are also many different types of labs that can be borrowed from the program including three DNA biotechnology labs, one microscopy lab, one water chemistry lab, one geology lab, one biomechanics lab and six anatomy and physiology labs.

These fellows travel more than 10,000 miles a year, visit more than 30 schools and are affecting the education of 6,000 students. During the fall, students drive to the schools in the program van, help set up the labs as needed and return in two weeks to pick up the equipment. The average cost of all this equipment is \$16,000. The Undergraduate Biological Sciences Education Program of the Texas Tech HHMI has received a total of \$4.3 million in grants awarded in 1992, 1994 and 1998. This is more undergraduate HHMI funding that any other institute in the state of Texas. The 1998 grant was the second largest grant in the nation among the competition

This Traveling Lab Program is an intricate part of being a fellow but it is not the only project required. After accepting the fellowship, the research fellows then must choose from 100 faculty mentors at the university and at the Texas Tech University Health Sciences Center. The fellows then work with the mentor for up to 20 hours per week during the semester and 40 hours during the summer doing research in the labs. Programs such as "Shake Hands with Your Future," "Science, It's a Girl Thing," Super Saturdays and other various projects are also part of the fellowship.

The Traveling Lab Program has developed a hands-on approach to teaching and gives the fellows a chance to interact with teachers in their fields. This program is an advantage for local teachers as well as the students. "All the rural areas around Lubbock don't have enough money to have all this equipment in their classrooms so we deliver the labs to their classrooms during the school year for two weeks at a time," said Hollingsworth.

Science Education Fellowship has developed a win-win situation. Not only is this program providing advanced lab equipment and education for high school and junior high school teachers in this area, but it provides an opportunity that most student would appreciate...giving the gift of education back to the ones who deserve it most.

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**Sources:** Sheryl Schake, traveling lab program director, at 742-2784

[Sheryl.Schake@ttu.edu](mailto:Sheryl.Schake@ttu.edu)

Megan Hollingsworth, fellow, at 762-2334 or [gildy78@yahoo.com](mailto:gildy78@yahoo.com)



Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texastech.edu/newshome>

**FOR IMMEDIATE RELEASE**

June 13, 2001

CONTACT: Tiffany Tubbs, [tiffany.c.tubbs@ttu.edu](mailto:tiffany.c.tubbs@ttu.edu)

**UPWARD BOUND TAKES TO THE THEATER**

LUBBOCK –Texas Tech University Upward Bound students will perform the play, “Juanita’s Diary,” written by Janie Ramirez, cultural diversity administrator for Texas Tech. Performances are set for 7 p.m. on July 5 in the University Center Allen Theatre at Texas Tech. The money raised will go toward Upward Bound scholarships.

Ramirez’s play is based on a migrant work family seen through the eyes of a 10-year-old girl’s diary. The family does not have a lot of money but their strength is built on the love that they have for each other. This strength leads Juanita to beat the odds. “I was inspired to write this play because of my own personal experience in a migrant work family and also from family stories passed down from generations,” said Ramirez. She received her bachelor’s degree in 1979 from Texas Tech and occasionally works with the Upward Bound Program.

This play is an opportunity not only to raise money for the Upward Bound Program, but also to increase awareness of the program itself. Upward Bound is a program at Texas Tech that is designed to develop creative thinking, effective expression and positive attitudes towards learning. Students are selected on the basis of having a desire to pursue a higher education. Valerie Martinez, a 16-year-old from Slaton, was inspired to be an Upward Bound student after Eric Strong, director of Upward Bound, came to her classroom and spoke of the program and its advantages.

Martinez will play the lead role of Juanita in “Juanita’s Diary.” “We practice during the week for three hours a day,” said Martinez. “This is my first time acting and I am really excited about the play.” Martinez will be a junior in high school next fall and plans on attending Texas Tech when she graduates. More than 20 Upward Bound students are involved with the play. Ramirez sees her dreams becoming reality. “I love to write and I wanted to express the idea that you can make it no matter where you come from,” said Ramirez.

For more information, contact the Upward Bound office at 742-3616.

-30-

**SOURCES:** Janie Ramirez, cultural diversity administrator, 742-8672 or at

[Janie.Ramirez@ttu.edu](mailto:Janie.Ramirez@ttu.edu)

Eric Strong, director of the Upward Bound Program, 742-3616 or at

[Eric.Strong@ttu.edu](mailto:Eric.Strong@ttu.edu)



Texas Tech University System  
NEWS & PUBLICATIONS

n e w s   r e l e a s e

**FOR IMMEDIATE RELEASE**

REF: A-6-13-01

CONTACT: Andrea Watson, [andrea.watson@ttmc.ttuhsu.edu](mailto:andrea.watson@ttmc.ttuhsu.edu)

Texas Tech University Health Sciences Center

3601 4th Street

Lubbock, TX 79430

806-743-2143

FAX 806-743-2118

<http://www.ttuhsu.edu/home/newspubindex.htm>

**FLOODING, LEAKY PIPES LEAD TO HEALTH CONCERN**

LUBBOCK – Summer storms are here and with them often comes flooding. As waters recede, people begin to salvage what they can and begin the lengthy clean-up process. However, it can be vital to your health to pay careful attention to what you find while you're cleaning.

David Straus, Ph.D., a professor and researcher in the Department of Microbiology and Immunology at Texas Tech University Health Sciences Center, said people need to pay close attention to any water damage or mold they find in their home because if left to spread, certain molds can lead to serious illness.

"Any mold you see should be treated as dangerous," Straus said. "The average person can't tell what type of mold it is, so we suggest you treat all molds the same. They need to be removed from the home."

Straus added that looking for water damage is important because if the damage is caught early, mold may not have a chance to grow. Under carpet, behind walls and above ceilings are key places to check because molds love to grow in such places if they become wet, Straus said.

"The purpose of fungi is to breakdown organic material and unfortunately we use organic material to build our houses," he said. "The fungi are doing their job, but the concern is human contact with high concentrations of these molds."

The dangerous molds, such as *penicillium*, *stachybotrys* and *aspergillus*, produce spores that are small enough to be inhaled and mycotoxins, which are the key cause of many symptoms associated with Sick Building Syndrome such as eye, nose and throat irritation, headaches and fatigue.

If a small amount of suspicious mold is found, Straus said it is possible for anyone to remove it. However, the person should be very careful not to disturb the mold itself and should wear a mask to prevent inhaling any spores.

"Really, the most important thing is to correct what causes the water damage in the first place," he said. "If you don't, the mold will just come back."

-more-

An EEO/Affirmative Action Institution

If the mold is more widespread, it is necessary to call in someone trained to remove and clean up the affected materials, he added. A limited number of professional services do exist to clean up dangerous molds, but it is important to make sure the service personnel know what they are doing, he said.

“You want someone who understands water damage and the correct way to remove molds,” Straus said. “If the removal isn’t done safely, the mold can be spread throughout the entire house.”

Researchers at TTUHSC are also working to develop a spray-on product that will prevent the molds from growing after water damage.

“We wanted to create something that would be cost effective that could be applied to drywall and perhaps to other things like insulation or any material that mold can grow on,” said Enusha Karunasena, M.S., one of the researchers in Straus’ lab.

While Sick Building Syndrome and these molds have received a great deal of attention recently, they aren’t new developments. Straus said evidence of these molds can be found in the Bible in Leviticus 14:17-35.

“This phenomenon has been known about for 3,000 to 5,000 years,” he said. “The Bible describes Sick Building Syndrome and what to do to clean the house. It’s exactly what we would do today. The only difference is that now we know what the molds are and what causes them.”

And while floods can lead to the development of these dangerous molds, people need to be aware that molds can develop any time there is a water leak.

“You can see this any time of year,” Straus said. “The season doesn’t matter. High humidity doesn’t matter. We find these molds in the desert. It doesn’t matter where you are, if there’s water damage, mold is going to grow.”



**FOR IMMEDIATE RELEASE**

REF: A-6-15-01

CONTACT: Kaley Paris, [kaley.paris@ttu.edu](mailto:kaley.paris@ttu.edu)

Texas Tech University Health Sciences Center

3601 4th Street

Lubbock, TX 79430

806-743-2143

FAX 806-743-2118

<http://www.ttuhsc.edu/home/newspubindex.htm>

**RED RAIDER READERS LAUNCH "PRESCRIPTION FOR DADS" -  
A FATHER'S DAY INITIATIVE**

LUBBOCK -- This Father's Day, dads all across the nation can give a present that will keep on giving.

Donna Bacchi, M.D., medical director of the Reach Out and Read program at the Texas Tech University Health Sciences Center, announced today, June 14, the "Prescription for Dads" Father's Day Initiative.

"Pediatricians are asking fathers everywhere to read to their young children every day," Bacchi said. "Pediatricians will write 'prescriptions for dads' requiring at least 10 minutes a day of reading aloud."

Reach Out and Read is a national program that makes literacy and reading aloud part of the health care that pediatricians deliver to young children every day. More than 1,100 ROAR programs are at clinics, hospitals, health centers and practices around the country where literacy promotion is part of primary-care pediatrics.

"Through the program, doctors and nurses help parents understand that a healthy childhood needs to include picture books and exposure to the written word," Bacchi said. "If children grow up hearing stories, handling books and associating books with pleasant, affectionate times spent together with a parent, those children are much more likely to be ready to learn to read when they get to school."

The program has three components. First, at every regular check-up, the doctor or the nurse practitioner advises the parents about the importance of reading aloud, giving specific, easy-to-follow, age-appropriate guidance to help them and their children enjoy books together. Second, the doctor gives the child a new age-appropriate book at every check-up from 6 months to 5 years – that is 10 books in the home by kindergarten. Finally, volunteer readers in clinic waiting rooms read aloud to families as they wait to see the doctor, modeling for parents to help them understand how much children enjoy hearing stories.

The Red Raider Readers program, which began operating four years ago, gives away more than 6,000 books every year. For more information on volunteering for the program, or for additional information, contact Kim Hodges, coordinator, at 743-2244 ext. 234.





Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

**FOR IMMEDIATE RELEASE**

June 15, 2001

CONTACT: Leslie Woodard, [leslie.woodard@ttu.edu](mailto:leslie.woodard@ttu.edu)

<http://www.texastech.edu/newshome>

**EUROPE COULD BENEFIT FROM TEXAS TECH SWINE RESEARCH**

LUBBOCK – A Texas Tech University scientist believes his research may be reason enough for Europe to leave its pork production methods intact, rather than make sweeping changes, as are planned. John McGlone, Ph.D., professor of animal science and director of the Pork Industry Institute at Texas Tech, explained his research on sow behavior in the June 2001 issue of the *Journal of Animal Science*.

McGlone's study was conducted using sows from Texas Tech's New Deal Swine Operation, located just north of Lubbock. Research animals were raised in both indoor and outdoor environments. The study dealt with the behaviors of pregnant females placed into confinement crates, as is the industry standard today.

"Many people believe that sow behaviors, such as crate bar biting, indicate that the animal is frustrated and experiencing stress," McGlone said. "The significance of this study is that, following a thorough analysis of the sows' immune system, we found no physiological signs that indicated the pregnant females were experiencing stress. Furthermore, adding fiber to the diet – as proposed by the European Union – did not improve their physiology or behavior. Most importantly, adding fiber will cause a significant environmental challenge."

McGlone's controlled scientific research is at odds with proposed actions in the European Union. Earlier this year, David Byrne, the EU's Commissioner for Health and Consumer Protection proposed banning the use of stalls (gestation crates in the United States) and requiring fiber be added to sow diets to abate the hunger they experience by being fed a limited diet. The proposal is to be phased in from 2002 through 2012. Animal welfare issues are becoming more critical to the success of animal production systems in Europe.

McGlone believes the direct economic and secondary environmental aspects of these changes were most likely not thoroughly considered in the decision to propose these new rules for pig housing and management.

"The EU's decision to make changes in their pig meat production industry may not necessarily be based on the available science," McGlone said. "It will have significant financial and social impact on European pork producers and on their pigs – with inadequate support from scientific data."

Animal welfare issues are becoming more critical to the success of animal production systems in Europe. Byrne said, in announcing the measures, "Once these new measures are in place, I believe the pig meat industry will have a chance to significantly improve its public image. Animal welfare issues are an integral part of the future EU farming policy. We want to be moving toward a farming system that combines efficient rearing with rearing methods that are acceptable to the vast majority of the public."

Texas Tech has been the leading research university in Texas for pig and pork science for more than 30 years, when in 1968, the Texas legislature first funded a swine line item for efficient pork production. A recent major project of Texas Tech's Pork Industry Institute is the Sustainable Pork research farm, a 300-sow production operation, which is an entirely outdoor system growing pork from insemination to market in an environmentally friendly, animal friendly and community friendly manner.

The project brings together production technology, environmental stewardship and training to alleviate some of the challenges and perceived image problems faced by the pork industry.

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**CONTACT:** John McGlone, Ph.D., professor of animal science and director of the Pork Industry Institute, Texas Tech University, (806) 742-2533 or [john.mcglone@ttu.edu](mailto:john.mcglone@ttu.edu).



Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texas-tech.edu/newshome>

## **MEDIA ADVISORY**

June 15, 2001

CONTACT: Michael Sommermeyer, [michael.sommermeyer@ttu.edu](mailto:michael.sommermeyer@ttu.edu)

### **TEXAS TECH BOARD OF REGENTS CONSIDER HILL COUNTRY COURSES**

- WHAT:** Texas Tech University System Board of Regents Meeting.
- WHEN:** 11:30 a.m. - 4 :30 p.m. Thursday (Feb. 8).
- WHERE:** Executive Salon 3, Third Floor, Adam's Mark Hotel, 111 Pecan Street East, San Antonio.
- EVENT:** David J. Schmidly, Ph.D., president of Texas Tech University and Robert Hickerson, dean of Texas Tech – Junction, will present a report on the Hill Country Initiative. Through this initiative, Texas Tech is considering providing additional courses in the Hill Country that would allow students to obtain a degree.
- CONTACT:** Cindy Rugeley, vice chancellor, (806) 787-9685, or Michael Sommermeyer, associate director, (806) 742-2136.



Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texastech.edu/newshome>

**FOR IMMEDIATE RELEASE**

June 18, 2001

CONTACT: Leslie Woodard, [leslie.woodard@ttu.edu](mailto:leslie.woodard@ttu.edu)

WRITER: Tiffany Tubbs, [tiffany.c.tubbs@ttu.edu](mailto:tiffany.c.tubbs@ttu.edu)

**TEXAS TECH LAW STUDENT HONORED WITH SCHOLARSHIP**

LUBBOCK – Kenneth Green, a third-year law student at Texas Tech University's School of Law, has been honored with a scholarship from the Rocky Mountain Mineral Law Foundation. The foundation authorized six Joe Rudd Scholarships for 2001-2002. The award was established for the purpose of encouraging further study of, and interest in, natural resources law.

Green, a native of Odessa, plans on becoming a civil litigator after he receives his law degree. "Through the Rocky Mountain Mineral Law Foundation I have had a chance to stay updated with current developments in the field of natural resources law," said Green. Green is also involved in the law school's Board of Barristers and the Texas Tech Mock Trial Team.

The Rocky Mountain Mineral Law Foundation was organized in 1955 as a non-profit Colorado corporation. It is dedicated to the study of the legal system and issues affecting mineral and water resources. The goals of the Foundation are to encourage a scholarly and practical study of the law relating to oil and gas, mining, water, public land management, land use, conservation, environmental protection and other related areas.

Bruce Kramer, LL.M., Texas Tech's Maddox Professor of Law, is one of many professors that encouraged Green's study in this field. "Kenneth's interest in mineral law and natural resources is very focused. His earlier work and experience in this field made him a prime candidate for the Joe Rudd Scholarship," said Kramer.

Kramer serves on the board of trustees for the Rocky Mountain Mineral Law Foundation as a representative for Texas Tech. Texas Tech School of Law has 23 full-time professors as well as adjunct professors with expertise in various areas of practice. The faculty reflects a broad spectrum of legal philosophy and a wide geographical background.

-30-

**SOURCE:** Bruce Kramer, LL.M., Maddox Professor of Law, Texas Tech School of Law, (806) 742-3990, ext. 238, or [bruce.kramer@ttu.edu](mailto:bruce.kramer@ttu.edu).



Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texas-tech.edu/newshome>

**FOR IMMEDIATE RELEASE**

June 18, 2001

CONTACT: Sally Post, [sally.post@ttu.edu](mailto:sally.post@ttu.edu)

**TEXAS TECH GAINS FUNDING FOR 2002-2003**

LUBBOCK – Texas Tech University received new funds to expand research efforts, money for academic building construction and staff pay raises under bills signed by Gov. Rick Perry.

Texas Tech officials commended state and legislative leaders for their help in guiding the university's budget through the legislature. "This was one of the tightest budget sessions the Legislature has seen in several years, and Texas Tech fared well," Texas Tech Chancellor John T. Montford said.

Texas Tech received about \$216 million in state appropriations for the 2002-2003 biennium. The university also received just more than \$10 million dollars from the Texas Excellence Fund. Texas Tech University President David Schmidly calls the excellence funding vital to Texas Tech's mission. "With this money we can hire top-notch faculty and expand our research efforts. The fund allows Texas Tech to create a superior learning environment for our students and continue our role of providing economic opportunity for our region."

The newly approved budget also contains funding from tuition revenue bonds to build a new experimental science building. "This facility will provide new laboratories for research and teaching," Schmidly said.

Texas Tech could receive as much as \$1.5 million from the new Texas Grant Program to provide more grants to students based on merit and need.

There is also money in the budget to improve and expand the curriculum at the Junction campus and to establish a Multiple Institution Teaching Center in Fredericksburg. The center is a partnership between Texas Tech, Angelo State University, Sul Ross University and a number of community colleges.

Montford says Texas Tech's budget success is due to several key legislators. "Most of the credit goes to State Senators Robert Duncan of Lubbock and Rodney Ellis of Houston, State Rep. Rob Junell of San Angelo, Speaker of the House Pete Laney and acting Lt. Governor Bill Ratliff. They put in many long, hard hours for Texas Tech."



Some of the highlights for Texas Tech in the 2002-2003 Appropriations Bill are:

... \$4.7 million in research excellence funding for 2002

... \$5.7 million in research excellence funding for 2003

... \$23.6 million in Tuition Revenue Bond funds, primarily to build an experimental science building

... \$1 million to establish Multiple Institution Teaching Center

... \$up to \$1.5 million from the Texas Grant Program

... \$500,000 to expand curriculum at the Junction campus and renovate some buildings

... \$100 per month or a 4 percent pay increase for staff

-30-

**CONTACT:** Sally Post, associate director, Office of News and Publications, Texas Tech University, (806) 773-3907 or (806) 796-1429 home.



Texas Tech University System  
NEWS & PUBLICATIONS

a d v i s o r y

**EVENT ADVISORY**

REF: A-06-19-01

CONTACT: Suzanna C. Martinez, [newspc@ttuhsc.edu](mailto:newspc@ttuhsc.edu)

Texas Tech University Health Sciences Center

3601 4th Street

Lubbock, TX 79430

806-743-2143

FAX 806-743-2118

<http://www.ttuhsc.edu/home/newspubindex.htm>

**TTUHSC PRESIDENTIAL ADDRESS REGARDING THE 77<sup>TH</sup> LEGISLATIVE  
SESSION**

**WHAT:** Texas Tech University Health Sciences Center Presidential Address

**WHERE:** TTUHSC Room 5B148

**WHEN:** 4 p.m. Wednesday, June 20

**WHY:** David R. Smith, M.D., president of TTUHSC, will inform HSC faculty and staff about legislative appropriations and how it will affect them and this university.



Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texas-tech.edu/newshome>

**FOR IMMEDIATE RELEASE**

June 22, 2001

CONTACT: Angela Loston, [aloston@ttu.edu](mailto:aloston@ttu.edu)

**PROGRAM TO ENGAGE AREA STUDENTS INTO SCIENCE AND MATH**

LUBBOCK – For Abi Rhoades, spending a summer filled with math classes and homework in a camp was not ideal. In Rhoades' eyes, tackling cumbersome algebraic problems was somewhat overwhelming as a seventh grader. Through this one experience, Rhoades, a 2001 graduate from Lubbock High School, became so increasingly intrigued with higher-level math that she decided to spend two more summers in the camp, the Lubbock math-based Pre-freshman Engineering Program or TexPREP-Lubbock.

"When I first started the program, I wondered 'what have I gotten myself into'," Rhoades, a freshman at Florida State University, said. "I thought to myself 'here you have gotten out of school and then you step into another school'."

Since 1986, Texas Tech University's Department of Mathematics and Statistics has sponsored the TexPREP camp.

At the dawn of each summer, junior high and high school students from local school districts attend the math-intensive program to gain insight into the fields of engineering, math and science. During their quest for learning, the students attend various advanced math and science courses that are taught by college professors, scientists, engineers, mathematicians and high school teachers.

"This program helps the students to keep their skills very sharp and their minds active," Jo Temple, Ed.D., the director of TexPREP, said. "We are probably one of the best-kept secrets in Lubbock."

In addition to classroom instruction, the students also gain hands-on experience with projects such as building rockets and model paper airplanes. Field trips and guest speakers are also incorporated into the curriculum for the eight-week camp that is held over the course of four summers. Some of the students have visited various companies within areas such as Las Vegas, Phoenix, San Antonio and Austin.

Temple, who is also an instructor for the Department of Mathematics and Statistics, said the program attracts students who have excelled academically in the areas of math and science. Additionally, Temple said the representatives from the program try to recruit female and minority students.

"I think it is important that young ladies have a comfortable environment to enjoy their intelligence in the fields of math, science and engineering," Temple said. "This is

one of the places where bright young ladies can feel comfortable with those who are interested in these areas.”

Through attending the camp, Rhoades said she was able to learn in an accelerated academic environment that fostered a learning pace that was faster than a typical classroom in a public school. Additionally, Rhoades said she was able to excel in her complex, high school math courses by participating in the program.

“I like being in a class with people who are very enthusiastic about learning and who can keep up with the work,” she said. “When you learn at a faster pace than everyone else, you can easily get bored.”

For four years, Chad Hunt, a senior at Monterey High School, has been immersed in the world of science and math as a camp participant. Through attending the camp, Hunt said he is able to be ahead of other students in his math and science classes at school. Currently, Hunt is tackling college-level math as a student in a calculus course.

“At the end of the school year, I like coming to the camp because it’s a lot of fun,” Hunt said. “I know that this will really help me out in the future too.”

By attending the rigorous camp, Leticia De Larrosa, assistant director of TexPREP, said students are able to get a glimpse of college life. Besides learning advance mathematical and science skills, De Larrosa, who is also a graduate student of higher education in the area of student affairs, said the students tour campus facilities such as the career counseling center. Additionally, she said some of the students construct a mock class schedule and complete a degree plan.

“What makes the camp fun is that it is not like ordinary school,” De Larrosa said. “Some of the instructors try to make the course work exciting for the students. Students also bring a lot to the classroom because they want to be challenged.”

Currently, Temple said 95 students are enrolled in the program. Tuition for the camp, which will end July 27, is free. The program is free through the contributions and sponsorship of: the CH Foundation, Xcel Energy, Southwestern Public Service, the Helen Jones Foundation, NASA, Texas Legislature, Office of the President, College of Arts and Sciences and the Department of Mathematics and Statistics.

**SOURCE: Jo Temple, Ed.D., director of TexPREP-Lubbock, at (806) 742-2585 or [jtemple@math.ttu.edu](mailto:jtemple@math.ttu.edu).**



**FOR IMMEDIATE RELEASE**

REF: A-6-20-01

CONTACT: Suzanna C. Martinez, [newspc@ttuhsc.edu](mailto:newspc@ttuhsc.edu)

Texas Tech University Health Sciences Center

3601 4th Street

Lubbock, TX 79430

806-743-2143

FAX 806-743-2118

<http://www.ttuhsc.edu/home/newspubindex.htm>

**TTUHSC PRESIDENT'S ADDRESS ON THE 77<sup>TH</sup> LEGISLATIVE SESSION**

LUBBOCK -- Texas Tech University Health Sciences Center received an overall appropriation increase of \$11,822,093 for 2002 and \$11,444,739 for 2003 during this legislative session. David R. Smith, M.D., president of TTUHSC, announced the legislative appropriations in a campus-wide faculty and staff meeting today (June 20).

"It's critical that we communicate with our faculty and staff all that has transpired during the latest legislative session because it can directly affect them and this university," Smith said.

Smith commended the legislative leadership in this region. State Sen. Robert Duncan, State Reps. Delwin Jones and Carl Isett, Speaker of the House Pete Laney, acting Lt. Gov. Bill Ratliff and Gov. Rick Perry all contributed to the success of the session for TTUHSC added Smith.

"I remind everyone this is not what we're seeing on the East and West Coast. Many health science centers are not seeing this kind of momentum being sustained," said Smith. "Of course this makes it incumbent upon us then to use these resources wisely and to continue to provide the very best products in health care, education and research."

Some of the highlights for TTUHSC in the 2002-2003 Appropriations Bill are:

- 4 percent pay increase for staff in Fiscal Year 2002
- \$1 million each year for TTUHSC Center for Rural Health
- \$300,000 each year for TTUHSC El Paso Diabetes Research Center
- \$1.5 million each year to hire research faculty at Texas Tech Medical Center El Paso
- Legislative increase will allow TTUHSC to allocate a total of \$2,200,000 among the component TTUHSC schools and campuses for new faculty and programs.
- \$66,882,000 in Tuition Revenue Bond funds, primarily for a Clinical Tower and Research Center in Lubbock and a Basic Sciences Research Tower in El Paso.

Smith said that the salary increase and the longevity benefit calculation revised by the legislature both are staff and faculty gains. He added that this corporate investment in people and technology is fundamental to the future survival and growth of TTUHSC noting that in the past five years the HSC has invested \$6.4 million in improving the information technology infrastructure.

The HSC also has seen other increases such as the annual library budget from \$2.5 million in 1997 to \$3.7 million in 2002. Smith says an additional \$400,000 will be invested in the library, as it is fundamental to the future survival and growth of TTUHSC. Smith added that utility costs increased by \$600,000 during FY 2000, and the FY 2002 cost is expected to increase by \$1 million during FY 2001.

The HSC has expanded with construction projects since 1997, which total \$94,053,000. The following are examples of projects in progress:

- Classroom/Auditorium Building – Lubbock: \$15 million
- School of Pharmacy Build-Out – Amarillo: \$1.2 million
- Marie Hall Student Center – Lubbock: \$2.1 million
- Garrison Center (Teaching Nursing Home) – Lubbock: \$11.5 million
- Academic/Clinical Facility – Amarillo: \$23.2 million
- Clinic in Odessa: \$6 Million

Smith says that it is important to look back at the last five years and see the continued growth in the HSC as a result of an investment at the state level. “We have to help with our part by continuing to increase enrollment and our revenue from patient care, and provide part of a safety net in West Texas and the Border,” said Smith. “I think we will be looking more and more in the next five years at the critical elements of investing in our people and the care that we provide.”





**FOR IMMEDIATE RELEASE**

6-20-01

CONTACT: John Gooch, [john.gooch@tiehh.ttu.edu](mailto:john.gooch@tiehh.ttu.edu)

**THE INSTITUTE OF ENVIRONMENTAL AND HUMAN HEALTH AWARDED  
\$1.74 MILLION FOR PERCHLORATE ECOTOXICOLOGY RESEARCH**

LUBBOCK—The Institute of Environmental and Human Health (TIEHH) at Texas Tech University has been awarded an additional \$1.74 million for perchlorate research from the Department of Defense, Department of Energy and Environmental Protection Agency's Strategic Environmental Research and Development Program (SERDP).

"Perchlorate has been found in groundwater in many states, particularly in the southwestern and western United States," said Ron Kendall, Ph.D., TIEHH director and chairman of the department of environmental toxicology. What scientists do not know is how the substance affects ecological systems. "This year's funding will be used primarily to investigate perchlorate's effects on native species of birds, mammals, fish, and amphibians inhabiting contaminated sites," Kendall said.

The study will consist of integrated laboratory and field studies to be conducted at TIEHH and field sites, including the Longhorn Army Ammunition Plant in Karnack.

"Texas Tech's research will definitely enhance the perchlorate studies at Longhorn," said Cyril Onewokae, Environmental Program Manager for Longhorn. Onewokae is an environmental engineer at the U.S. Army's Operations Support Command (OSC) Headquarters in Rock Island, Ill. OSC is the higher headquarters of Longhorn.

Kendall will serve as principal investigator for the project. Other TIEHH and Texas Tech University faculty working on the project include Phil Smith, Ph.D., project and field coordinator; Todd Anderson, Ph.D., assistant section leader for analytical and biochemical toxicology; James Carr, Ph.D., associate professor of biological sciences; Ken Dixon, Ph.D.; section leader for environmental modeling and geographic information systems; Scott McMurry, Ph.D., section leader for terrestrial toxicology; Reynaldo Patiño, Ph.D., section leader for aquatic toxicology; Ernest Smith, Ph.D., member of section for analytical and biochemical toxicology; and Chris Theodorakis, Ph.D., assistant section leader for aquatic toxicology.

**CONTACT: John Gooch, The Institute of Environmental and Human Health at 806/885-0239.**



**FOR IMMEDIATE RELEASE**

June 22, 2001

CONTACT: Angela Loston, [aloston@ttu.edu](mailto:aloston@ttu.edu)

Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

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At the dawn of each summer, junior high and high school students from local school districts attend the math-intensive program to gain insight into the fields of engineering, math and science. During their quest for learning, the students attend various advanced math and science courses that are taught by college professors, scientists, engineers, mathematicians and high school teachers.

"This program helps the students to keep their skills very sharp and their minds active," Jo Temple, Ed.D., the director of TexPREP, said. "We are probably one of the best-kept secrets in Lubbock."

In addition to classroom instruction, the students also gain hands-on experience with projects such as building rockets and model paper airplanes. Field trips and guest speakers are also incorporated into the curriculum for the eight-week camp that is held over the course of four summers. Some of the students have visited various companies within areas such as Las Vegas, Phoenix, San Antonio and Austin.

Temple, who is also an instructor for the department of mathematics and statistics, said the program attracts students who have excelled academically in the areas of math and science. Additionally, Temple said the representatives from the program try to recruit female and minority students.

"I think it is important that young women have a comfortable environment to enjoy their intelligence in the fields of math, science and engineering," Temple said.

“This is one of the places where bright young women can feel comfortable with those who are interested in these areas.”

Through attending the camp, Rhoades said she was able to learn in an accelerated academic environment that fostered a learning pace that was faster than a typical classroom in a public school. Additionally, Rhoades said she was able to excel in her complex, high school math courses by participating in the program.

“I like being in a class with people who are very enthusiastic about learning and who can keep up with the work,” she said. “When you learn at a faster pace than everyone else, you can easily get bored.”

For four years, Chad Hunt, a senior at Monterey High School, has been immersed in the world of science and math as a camp participant. Through attending the camp, Hunt said he is able to be ahead of other students in his math and science classes at school. Currently, Hunt is tackling college-level math as a student in a calculus course.

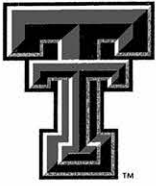
“At the end of the school year, I like coming to the camp because it’s a lot of fun,” Hunt said. “I know that this will really help me out in the future too.”

By attending the rigorous camp, Leticia De Larrosa, assistant director of TexPREP, said students are able to get a glimpse of college life. Besides learning advanced mathematical and science skills, De Larrosa, who is also a graduate student of higher education in the area of student affairs, said the students tour campus facilities such as the career counseling center. Additionally, she said some of the students construct a mock class schedule and complete a degree plan.

“What makes the camp fun is that it is not like ordinary school,” De Larrosa said. “Some of the instructors try to make the course work exciting for the students. Students also bring a lot to the classroom because they want to be challenged.”

Currently, Temple said 95 students are enrolled in the program. Tuition for the camp, which will end July 27, is free. The program is funded through the contributions and sponsorship of: the CH Foundation, Xcel Energy, Southwestern Public Service, the Helen Jones Foundation, NASA, Texas Legislature, Office of the President, College of Arts and Sciences and the Department of Mathematics and Statistics.

**SOURCE: Jo Temple, Ed.D., director of TexPREP-Lubbock, at (806) 742-2585 or [jtemple@math.ttu.edu](mailto:jtemple@math.ttu.edu).**



Texas Tech University Health Sciences Center

3601 4th Street

Lubbock, TX 79430

806-743-2143

FAX 806-743-2118

<http://www.ttuhscc.edu/home/newspubindex.htm>

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CONTACT: Kelli McElhone, [hunter@nts-online.net](mailto:hunter@nts-online.net)

**MAKE FOURTH OF JULY SAFETY A TOP PRIORITY**

LUBBOCK -- Fourth of July celebrations are just around the corner. Even though many people look forward to shooting off fireworks, make sure you and your kids are safe this holiday by following safety precautions.

According to the U.S. Consumer Product Safety Commission, in 1999 an estimated 8,500 people suffered fireworks-related injuries severe enough to require treatment in hospital emergency rooms.

Kelly Bennett, M.D., chief of staff of Student Health Services at Texas Tech University Health Sciences Center and assistant professor in the Department of Family Medicine, says the most dangerous kinds of fireworks are those people hold or the ones that go off in people's hands. According to the National Fire Protection Association, sparklers can reach temperatures of 1,200 degrees.

Bennett says the dangers of playing with fireworks include blowing off fingers, setting hair on fire, singeing arm hair by using sparklers, and injuring eyes. "Severe burns are possible," she adds. According to the Consumer Product Safety Commission, bottle rockets can fly into the face and cause eye injuries, sparklers can ignite clothing and firecrackers can injure the hands or face if they explode at close range.

Bennett says children younger than 12 should probably not even be around fireworks at all. Children older than 12 should have close parental supervision, says Bennett. Young adults 18 years and above are old enough to start following rules, Bennett says, when it comes to firework safety.

Bennett says the safest way to enjoy the Fourth of July is going to your city's local fireworks show. However, if you plan to shoot off fireworks, Bennett gives some rules for safety:

- Don't hold the fireworks in your hand.
- Put the fireworks on a flat, nonflammable surface.
- Don't use fireworks around butane tanks.
- Use fireworks outside of the city limits.
- Get permission before going onto someone's land to shoot fireworks.
- If the fireworks have a missing or short fuse, don't attempt to use them.
- No cruelty to other people or animals.

So be on the safe side this year, follow these safety rules or better yet, leave the fireworks to the professionals. “Enjoy the fireworks display, not the inside of the burn unit,” says Bennett.



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CONTACT: Kaley Paris, [kaley.paris@ttu.edu](mailto:kaley.paris@ttu.edu)

Texas Tech University Health Sciences Center

3601 4th Street

Lubbock, TX 79430

806-743-2143

FAX 806-743-2118

<http://www.ttuhsc.edu/home/newspubindex.htm>

**TTUHSC ESTABLISHES MEMORIAL SCHOLARSHIP**

LUBBOCK – David R. Smith, M.D., president of Texas Tech University Health Sciences Center, announced today (June 26) the establishment of the Jerad Dean Mitchell Memorial Scholarship in memory of Jerad Mitchell of Lubbock. The scholarship is for any School of Nursing student in pursuit of a nursing career.

“We at the Health Sciences Center have a compelling need to try the best we can to support our families, and the best way I know to do this is to create a legacy,” Smith said. “This scholarship is a living legacy which will assure that there will be at least one more nurse with the compassion and wisdom to help any of us when we are in need.”

Jerad Mitchell died May 16. He was a 16-year-old sophomore at Coronado High School and a district officer for the Vocational Industry Clubs of America. Mitchell’s mother, Rayetta, is the assistant director of nursing at the Montford Unit, and has worked there for six years.

For more information about the scholarship or to contribute, contact Brandi Ray, development officer of TTUHSC, at 743-2786 ext. 267.





**FOR IMMEDIATE RELEASE**

June 25, 2001

CONTACT: Leslie Woodard, [leslie.woodard@ttu.edu](mailto:leslie.woodard@ttu.edu)

**INSANITY DEFENSE, SWINE PRODUCTION, BLACK MOLD**

**BLACK MOLD EXPERT AVAILABLE**

The Texas Department of Insurance holds a public hearing on black mold and insurance coverage tomorrow in Austin. David Straus, Ph.D., a professor and researcher in the Department of Microbiology and Immunology, at the Texas Tech University Health Sciences Center, is nationally recognized for identifying the molds responsible for Sick Building Syndrome. He can talk about how the molds form and how to identify signs of Sick Building Syndrome.

**CONTACT: Andrea Watson**, Office of News and Publications, Texas Tech University Health Sciences Center, (806) 743-2143 or [andrea.watson@ttuhsc.edu](mailto:andrea.watson@ttuhsc.edu)

**HOUSTON WOMAN'S INSANITY DEFENSE**

The suburban Houston woman accused of killing her five children is expected to use an insanity defense. Brian Shannon, J.D., professor of law at Texas Tech University's School of Law, has done extensive work in the area of mental health and legal issues. He says the insanity defense is rarely used successfully because the legal definition of insanity is extremely narrow.

**CONTACT: Brian Shannon, J.D.**, professor of law, Texas Tech University, can be reached in Ruidoso, N.M., where he will be conducting legal seminars this week, at (505) 258-5500, at the Hawthorne Suites.

**EUROPEAN UNION'S NEW PIG PRODUCTION RULES QUESTIONED**

A Texas Tech University scientist believes his research might have been reason enough for Europe to leave its pork production methods intact, rather than make sweeping changes. John McGlone, Ph.D., professor of animal science and director of the Pork Industry Institute at Texas Tech, explained his research on sow behavior in the June 2001 issue of the *Journal of Animal Science*. The EU recently has banned the use of stalls for pig production. McGlone says the behavior believed to indicate stress in the animals is not really stress, but a substitute behavior for what the pigs would naturally do outside the stalls.

**CONTACT: John McGlone, Ph.D.**, professor of animal science and director of the Pork Industry Institute, Texas Tech University, (806) 742-2533 or [john.mcglone@ttu.edu](mailto:john.mcglone@ttu.edu).



**FOR IMMEDIATE RELEASE**

June 27, 2001

CONTACT: Andrea Watson, [andrea.watson@ttmc.ttuhsu.edu](mailto:andrea.watson@ttmc.ttuhsu.edu)

**POSTPARTUM DEPRESSION: FACT OR FICTION**

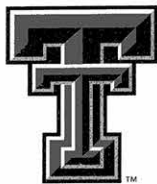
A Houston woman accused of killing her five children is preparing to use an insanity defense during her trial, stemming from her treatment for postpartum depression. Many new mothers suffer from postpartum depression. Allahyar Jazayeri, M.D., Ph.D., a professor in the Department of Obstetrics and Gynecology at Texas Tech University Health Sciences Center, can talk about how a woman's visits to her gynecologist following childbirth can help detect signs of postpartum depression and how it can be treated.

**CONTACT: Andrea Watson**, Office of News and Publications, Texas Tech University Health Sciences Center, (806) 743-2143 or [andrea.watson@ttmc.ttuhsu.edu](mailto:andrea.watson@ttmc.ttuhsu.edu).

**ELMINATING BLACK MOLD**

As the Texas Department of Insurance ponders whether to allow insurance carriers to eliminate mold damage from homeowners' insurance coverage, researchers at Texas Tech University Health Sciences Center are working to eliminate the hazard posed by the mold. David Straus, Ph.D., a professor and researcher in the Department of Microbiology and Immunology at TTUHSC, and research associate Enusha Karunasena, M.S., have developed a spray that may prohibit mold formation on building materials following water exposure. Straus, who is nationally recognized for his work on Sick Building Syndrome, also can talk about the way molds form in buildings and how to identify signs of Sick Building Syndrome.

**CONTACT: Andrea Watson**, Office of News and Publications, Texas Tech University Health Sciences Center, (806) 743-2143 or [andrea.watson@ttmc.ttuhsu.edu](mailto:andrea.watson@ttmc.ttuhsu.edu).



**FOR IMMEDIATE RELEASE**

June 27, 2001

CONTACT: Kaley Paris, [kaley.paris@ttu.edu](mailto:kaley.paris@ttu.edu)

Texas Tech University Health Sciences Center

3601 4th Street

Lubbock, TX 79430

806-743-2143

FAX 806-743-2118

<http://www.ttuhsc.edu/home/newspubindex.htm>

**TUBING, BUT NOT DOWN THE GUADALUPE**

LUBBOCK -- This summer, parents may notice their children ignoring the things they are asked, or told, to do. Unfortunately, this may not be a simple case of the summertime blues. The child may be suffering from a common hearing problem caused by otitis media.

Joehassin Cordero, M.D., surgeon and ear, nose and throat specialist at Texas Tech University Health Sciences Center, said otitis media is an inflammation of the middle ear caused by the presence of fluid.

"Otitis media is one of the most common reasons for a child to visit the doctor's office," Cordero said. "I usually perform about 12 to 15 procedures a month where I remove the fluid and insert a tube that will help future fluid drainage."

Symptoms of otitis media include decreased hearing, fever, irritability, vomiting and diarrhea. There also are two types of hearing tests doctors use to determine whether or not a patient definitely has fluid in the middle ear.

"Both testing methods apply a little pressure to the middle ear so that doctors can check for movement," Cordero said. "Movement means there's an absence of fluid, but no movement tells doctors that there is definitely a fluid buildup."

Until recently, doctors have suggested to parents to have the tube placement procedure performed as soon as possible. However, a new study by Pittsburgh researchers, published in The New England Journal of Medicine, proves that doctors can now wait on the procedure without risking hearing loss or developmental delays for their patients. What parents need to realize though, is that complications with the symptoms could lead to far graver consequences.

"If otitis media is not corrected in time, complications from the symptoms could lead to many severe sicknesses, including meningitis," Cordero said. "The fact is, children die from otitis media and that's why doctors are so quick to treat the symptoms, because they are concerned about the complications."

Studies have shown that 85 to 95 percent of children with a fluid buildup would clear within a four-month period. If a child has a buildup in only one ear, then the child can withstand it for up to nine months and will still be able to hear and understand with their working ear. However, fluid in both ears would be as significant as if a person tried to listen to someone with a finger in each ear, Cordero said.



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CONTACT: Sally Logue Post, [sally.post@ttu.edu](mailto:sally.post@ttu.edu)

Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texas-tech.edu/newshome>

**TEXAS TECH UNIVERSITY REGENTS MAKE TUITION, FEE CHANGES**

LUBBOCK -- Texas Tech University System Board of Regents today responded to actions taken by the 77<sup>th</sup> Legislature and implemented a mandated tuition increase and increase in the Student Recreation Center fee.

House Bill 2531 authorized institutions to raise both state and institutional tuition by \$2 per credit hour effective this coming fall semester. That will bump both rates from \$40 per credit hour to \$42 per credit hour.

"State tuition is used strictly for academic operation," said Deputy Chancellor Jim Crowson. "In order to fully fund the state mandated pay raises for staff and administratively recommended faculty pay raises, the institutional tuition also had to be increased."

In 2000, the Texas Tech Student Senate requested that the university seek approval from the Legislature to increase the Student Recreational Center fee. Right now students pay \$30 per semester for operation of the center as part of the student service fee. The students voted in 1999 to pay an additional \$25 per semester for construction and renovation at the center. Now students will pay one fee of \$55 to the Student Recreational Center fee. The student service fee will be lowered by \$30 per semester.

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Contact: Jim Crowson, Texas Tech University Deputy Chancellor, (806) 742-0021.



**FOR IMMEDIATE RELEASE**

June 29, 2001

CONTACT: Sally Logue Post, [sally.post@ttu.edu](mailto:sally.post@ttu.edu)

Box 42022

Lubbock, TX 79409-2022

806.742.2136

FAX 806.742.1615

<http://www.texastech.edu/newshome>

**TEXAS TECH FACULTY TO RECEIVE MERIT RAISES**

LUBBOCK – Texas Tech University President David Schmidly today said that ensuring that faculty members are eligible for merit based pay raises is a top priority for the university.

The 77<sup>th</sup> Texas Legislature provided money for half of a mandated 4 percent across the board pay raise for staff, but made no provision faculty raises.

“This was an extremely tight budget year for the Legislature,” said Schmidly. “We are asking every department on campus to cut its operating budget to finance this investment in Tech’s faculty and its future.”

The departmental budget cuts will finance a 4 percent merit raise for faculty, said Lynda Gilbert, vice president for finance. “The 4 percent faculty merit raises are equal to what the University of Texas is providing and tops Texas A&M’s plan,” said Gilbert.

The pay raises take affect in September. “Texas Tech University’s strength is its people,” said Schmidly. “We have top notch faculty who are known around the world for their research and their teaching skills. Retaining these men and women is vital to achieving our goal of becoming one of the nation’s top 75 research institutions.”

The Legislature also awarded Texas Tech \$10.5 million over the next two years from the Texas Excellence Fund. “These resources will be invested to enhance Texas Tech’s stature as a research university,” Schmidly said. “I anticipate that most of the funds will be used to hire additional faculty.”

Texas Tech, the largest research university system in West Texas, provides education and support to approximately 25,000 students. Texas Tech is the only university system in the state with a comprehensive academic campus, law school and medical center on the same campus. The university’s research programs, in areas such as wind engineering, agriculture and environmental and human health, impact the lives of all Texans.