

TEXAS TECH
UNIVERSITY

News & Publications

Lubbock, TX 79409-2022
(806) 742-2136
FAX (806) 742-1615

FOR IMMEDIATE RELEASE
REF: 1-7-29-91
CONTACT: Margaret Simon

LUBBOCK -- The August meeting of the Texas Tech University and Health Sciences Center Board of Regents will begin at 10:30 a.m. on Thursday (Aug. 1) in Room 2B152 of the Health Sciences Center Building. The regents will meet in committees on Thursday to discuss a variety of agenda items. The formal meeting will begin at 9 a.m. on Friday (Aug. 2) in the regents' board room, second floor, east wing of the Administration Building.

On Thursday the Finance Committee will introduce continuing resolutions authorizing operations and expenditures at both institutions until the new budget for fiscal year 1992 can be prepared and adopted. The Board of Regents normally approves the budget for the fiscal year, which begins Sept. 1, at the August meeting. However, the State of Texas will not have a budget nor will the appropriations bill for higher education be passed by the legislature in time for August budget approval.

The formal meeting of the Board of Regents on Friday will feature an address by President Robert W. Lawless at 9 a.m. Executive Vice Presidents/Provosts Donald Haragan and Bernhard Mitemeyer will also address the board. Professor John Burns, chairman of the department of biological sciences, and Professor Donald May, chairman of the department of ophthalmology, will also report to the board on recent developments in their departments.

For more information on the Board of Regents' agenda, please contact Margaret Simon at 742-2040.

(MEDIA ADVISORY -- The following sources are available for interviews on current legislative budget issues concerning possible funding cuts to higher education. These sources can offer insight into the specific case of Texas Tech University as it relates to the area economy; however, these sources also can offer broad perspectives about higher education spending cuts and their effect on the state's economy in general.)

Sources:

Robert W. Lawless, Ph.D., (806) 742-2121
President, Texas Tech University and Texas Tech University Health Sciences Center

Lawless has been a frequent speaker at recent state budget meetings. A former corporate chief operations officer as well as a 20-year veteran of higher education, Lawless has used a combination of business and educational approaches through his past two years as president of Texas Tech.

John Logan, (806) 763-4666 or (800) 692-4035
President and General Manager, Lubbock Chamber of Commerce

Logan has been a motivating force in uniting the chamber members, the Lubbock business community and other Texas chambers of commerce to rally for legislative support for higher education funding. He estimates Texas Tech's economic impact can be figured with a multiplier as high as 3.5.

Don E. Cosby, (806) 742-2196
Vice President for Fiscal Affairs, Texas Tech University

Cosby has a background in the banking industry in addition to his term at Texas Tech. He sees budget cuts to higher education as having a direct economic impact on the general economy. In Lubbock, using an economic multiplier of 3.5, a \$4 million payroll cut alone could have a \$14 million impact on the city's economy.

Alan White, (806) 791-7255
Chairman, Texas Tech Board of Regents, and CEO, Plains National Bank in Lubbock

White has a long career in the banking industry in addition to his affiliation with higher education administration. He also has been a speaker at recent legislative budget meetings.

MEDIA ADVISORY

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MEDIA ADVISORY

REF: 3-7-31-91

CONTACT: Myrna Whitehead

[**MEDIA ADVISORY:** Media representatives are invited to attend the closing ceremony of the 1991 TTU/GTE-PREP program at 2 p.m. Saturday (Aug. 3) in Biology Room 101 at Texas Tech University. More than \$130,000 in scholarships will be awarded to 11 students and \$3,000 in cash awards also will be presented for academic achievement. Guest speakers will be Texas Tech President Robert W. Lawless, GTE representative Martha Kramer, manager for contribution funds, and Dean Jane Winer of the College of Arts and Sciences.

TTU/GTE-PREP is an eight-week program for gifted and talented junior high and senior high school students who are interested in studying engineering, mathematics and business. The program is funded by GTE Corp. For more information, contact Derald Walling, director of TTU/GTE-PREP, at (806) 742-2585.]

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SPECIAL TO DIRECTORY

REF: 4-8-1-91

CONTACT: Steve Kauffman

TEXAS TECH UNIVERSITY

Texas Tech University, among the state's five largest comprehensive universities, is academically the most diverse and the only one of the universities located in the western two-thirds of Texas.

About 25,000 students from 50 states and 84 foreign countries annually enroll at Texas Tech. They choose fields of study from among 152 undergraduate, 107 master's and 64 doctoral programs.

The university encompasses seven colleges: Agricultural Sciences; Architecture; Arts and Sciences, with schools of Mass Communications and Music; Business Administration; Education; Engineering; and Home Economics. Texas Tech also includes the Graduate School and the School of Law.

Robert W. Lawless, Ph.D., the 11th president of Texas Tech since its 1925 opening, believes diversity coupled with quality education is the key to the university's continued development into a first-class institution. Lawless has carried this mission further by instituting a campus-wide program to provide an unsurpassed quality service approach to education.

"We offer a sound education at Texas Tech. We also provide a caring education through the support of faculty and staff, each genuinely interested in our students, alumni and community members," Lawless says.

With the university and health sciences center located as sister institutions on campus with a school of law, Texas Tech has a distinctive common-campus arrangement not found at any of the state's other higher education establishments.

Nationally, Texas Tech's 1,839-acre main campus is among the largest in the nation. In addition to the Lubbock campus, Texas Tech operates engineering research and textile centers in East Lubbock; a 980-acre field laboratory feed mill/feedlot in north Lubbock County; a 15,822-acre agricultural research site in Amarillo; a 400-acre South Texas center in Junction; and a 90-acre natural sciences and archeological field laboratory in Val Verde County.

-more-

PHONE BOOK/PAGE 2

While academic standards are a top priority at Texas Tech, the campus is fully accommodating for leisure hours. The University Center is a central campus facility for recreational activities, daily dining and entertainment by campus groups and guest artists. The Student Recreation Center is equally popular with a gymnasium facility that includes five full-size basketball courts, handball courts, weight rooms, a workshop and crafts area, an outdoor equipment and sports rental shop and several multipurpose rooms for wrestling, fencing, aerobics and archery. The Aquatic Center's Olympic-sized pool contains separate lap swimming, diving and free swim areas in an open environment in the summer and under an inflatable roof in the winter.

Additionally, countless tourists, students and area residents regularly tour the Museum of Texas Tech and the Ranching Heritage Center. The Museum also conducts research in the area's most unique attraction, the Lubbock Lake Landmark State Historic Site. The landmark in North Lubbock is the site where Texas Tech researchers excavated a 12,000-year continuous record of man's existence.

About the Cover

Arched walkways along the Science Quadrangle are among the many Spanish architectural features of buildings on the university campus. The original campus structures were modeled after La Universidad de Alcala de Hernaldes in Spain, and more recent structures continued the architectural theme. (Photo by Mark Mamawal, Office of News and Publications)

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CALENDAR FOR AUG. 2-9
REF: 5-8-1-91
CONTACT: News and Publications

(MEDIA ADVISORY: This Texas Tech calendar is compiled to let you know of upcoming events and releases and to serve as a reminder of releases already sent. If you need more information, call News and Publications at 742-2136.)

- AUG 2** Freshman orientation continues
University Center
- Board of Regents formal meeting
9 a.m., Administration Building Regents Suite
- AUG 3** Recycling Day
10 a.m. to 1 p.m., Music Building parking lot
- TTU/GTE-PREP closing ceremony
2 p.m., Biology Room 100
- AUG 5** Final examinations at the School of Law through Aug. 7
- Freshman orientation
8 a.m., University Center through Aug. 6
- AUG 7** Last day of summer session II classes at the School of Law
- AUG 8** School of Law final examinations through Aug. 10
- Freshman orientation
8 a.m., on campus through Aug. 9

News & Publications, HSC Bureau

3601 Fourth Street
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FAX (806) 743-2118**HEALTH TIPSHEET**
from
TEXAS TECH HEALTH SCIENCES CENTER
August 2, 1991

HELP IN HEALING -- Since the 1800s the role of nerves in wound healing has baffled researchers, but more recent evidence suggests that nerves release a valuable peptide which stimulates healing. Researchers at the Texas Tech Health Sciences Center, headed by Ted W. Reid, Ph.D., of the department of ophthalmology are negotiating plans with an international pharmaceutical company to develop a new topical drug which contains the valuable peptide -- known as substance P. This drug could aid in proper healing for a number of epithelial wounds. If successful, Reid said, the all-natural drug would eliminate many complications of corneal healing after surgery. Additionally, substance P could prove beneficial by stimulating proper healing for severe burns, bed sores and many of the skin ulcers associated with diabetes. For more on the role of neuropeptides in wound healing and the research at Texas Tech, contact Reid at (806) 743-2400.

ATHLETIC TESTING -- Before they take to the field or the court, high school athletes must have a physical exam. For some schools, particularly in rural areas, this can present a problem if doctors or health facilities are in short supply. That is why the TTHSC Sports Medicine Program each year conducts athletic testing for area school districts. TTHSC's athletic testing this year is scheduled Aug. 5-8 for boys and Aug. 12-15 for girls. The testing puts athletes through a multiple-station process which evaluates everything from heart rate and blood pressure to knee and ankle joint stability and muscle flexibility. By identifying potential problems in each athlete, TTHSC physicians and physical therapists can suggest an exercise regimen to address individual needs. Such information can help athletes reduce the risk of injuries, and can assist coaches in understanding the physical limitations of each athlete. For details, contact Robert P. Yost, M.D., a TTHSC orthopedic surgeon and director of sports medicine, at (806) 743-2475.

For assistance on these or other stories,
contact Kim Davis or Preston Lewis at
TTHSC News and Publications,
(806) 743-2143.

A-8-2-91

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FOR IMMEDIATE RELEASE
REF: 1-8-5-91
CONTACT: Jim Barlow

LUBBOCK -- A Texas Tech University researcher has been awarded a \$400,000 five-year grant from the National Institutes of Health to study the maturation process of frog eggs to determine what makes them ready for fertilization.

Reynaldo Patino, an assistant professor in the department of range and wildlife management in the College of Agricultural Sciences, said he wants to find ways to manipulate or suppress the process of reproduction to improve fisheries and wildlife management.

"I'm going after a particular stage of differentiation, or development," said Patino, a U.S. Fish and Wildlife Service researcher in the university's Cooperative Fish and Wildlife Research Unit.

"My objective is to understand the cell and molecular mechanism that allow the oocyte to mature," he said. "What happens during the egg's final development to make it capable of ovulation and fertilization?"

Patino was awarded \$87,171 from the NIH's National Institute of Child Care and Human Development for the first year of his basic research. The NIH, Patino said, is interested in possible applications of his findings to human medicine.

"I have broader interests," he said. "I'm also interested in the frog itself. I'm interested in wildlife applications. The NIH expects to get some clinical applications."

The NIH cited Patino's research originality and clear evidence of an ability to establish sound, independent research in its approval of the grant, which is available only to qualified young scientists in the First Independent Research Support and Transition Award Program.

Patino, who has published on similar work involving the Atlantic croaker and spotted sea trout, earned his bachelor's degree in 1980 from the Tokyo University of Fisheries in Japan and his master's and doctorate degrees in 1983 and 1988, respectively, from Oregon State University.

Frogs will be used his current research because of the amount of existing data, he said. He, however, will focus on a little understood stage of development.

He will be assisted by other laboratory staff personnel, including graduate students, whose salaries will be paid by the NIH. The department of biological sciences will provide equipment and space for the project.

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FOR IMMEDIATE RELEASE
REF: A-8-6-91
CONTACT: Kim Davis

LUBBOCK -- The Texas Tech Health Sciences Center's Internal Medicine Clinic has expanded its facilities to meet an increasing patient load of nearly 2,000 monthly appointments.

"Since 1985, we've gone from seeing about 800 patients per month to more than 1,800 patients per month," said Clinical Director Jitra Anuras, M.D., an allergy specialist in the department of internal medicine. "Our new facility definitely helps us better serve our patients."

The new clinic, now located on the fourth floor, C pod of the health sciences center, encompasses 10,000 square feet and includes 31 exam rooms, a research lab and two specialty procedure rooms.

A full-time dietician and a diabetes education nurse are available in the new clinic to offer instruction in nutrition and diabetes management in a patient education office. The educational office is also equipped with a myriad of educational brochures and pamphlets. A referral to these two specialists can be made through patients' physicians in the Internal Medicine Clinic.

Staff members include 25 physicians and 10 subspecialty divisions in the areas of cardiology, allergy, endocrinology, hematology/oncology, gastroenterology, infectious disease, nephrology, rheumatology, pulmonary diseases and general internal medicine.

These physicians, along with nine clinic nurses, 24 residents and eight fellows are making use of a new computer system geared toward keeping clinic staff more abreast of current, on-going research as well as new medical discoveries across the country.

For information on the clinic's patient services, call 743-3150. The clinic is operated by the department of internal medicine in the Texas Tech School of Medicine.

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FOR IMMEDIATE RELEASE
REF: E-8-6-91
CONTACT: Kim Davis

LEARNING DIFFICULTIES: A BACK-TO-SCHOOL CONCERN

LUBBOCK -- A variety of medical problems often manifest themselves in learning difficulties for young school children. Each year, more than 15 percent of the student population will have trouble with learning in school.

That's why parental monitoring of potential problems is a must as children head back to the classroom this year, according to John Turnbow, M.D., of the TTHSC pediatrics department.

Turnbow, director of the TTHSC developmental medicine program, said he recommends a pediatrician's school readiness assessment before children start school. Difficulties, he said, generally fall into three categories: 1) psycho-social problems in relating with adults or other children; 2) cognitive processing differences, frequently diagnosed as dyslexia or dysgraphia; and 3) attention deficiencies brought on by chemical disturbances in the brain and usually identified as hyperactivity.

If these problems can be identified soon enough, treatments can be prescribed that will make it easier on both the children and their parents. However, the longer these medical problems go unchecked, the more blurred the distinctions between them become and the greater the likelihood a child may be identified as a behavior problem.

SOURCE:

John Turnbow, M.D., (806) 743-2332
director, developmental medicine program at the Texas Tech Health Sciences Center, department of pediatrics



FOR IMMEDIATE RELEASE
REF: 2-8-7-91
CONTACT: Steve Kauffman

GROUNDS FOR RECOGNITION -- Texas Tech University employees Dewey Shroyer, director of Grounds Maintenance, left, and Art Glick, landscape architect, right, accept the first Frederick Law Olmsted Award from School of Law Dean W. Frank Newton. The award will be presented each year to individuals or entities in recognition of grounds beautification efforts on the Texas Tech campus. The award is named after the 19th century landscape architect best known for his work in planning New York's Central Park and for his advocacy of the "importance of green spaces." (Texas Tech University Photo)

CALENDAR FOR AUG. 9-16

REF: 3-8-7-91

CONTACT: News and Publications

(MEDIA ADVISORY: This Texas Tech calendar is compiled to let you know of upcoming events and releases and to serve as a reminder of releases already sent. If you need more information, call News and Publications at 742-2136.)

- AUG 9 School of Law final examinations continue through Aug. 10
- Freshman orientation continues
 on campus
- AUG 11 Summer carillon concert series -- C. Roy Wilson
 8:15 p.m., Administration Building West Bell Tower
- AUG 12 Graduate recital -- Douglas Garman, French horn
 8:15 p.m., Hemmle Recital Hall
- AUG 15 Last day of second summer session university classes
- AUG 16 Second summer session university final examinations through Aug. 17

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FOR IMMEDIATE RELEASE
REF: 4-8-7-91
CONTACT: Steve Kauffman

LUBBOCK -- Registration currently is underway for Lubbock area residents age 55 and older through Texas Tech University's Seniors' Academy. The year-old program offers streamlined access to college enrollment, academic counseling and class registration.

Advance registration for Seniors' Academy members will continue through the university's regular advance new student registration Aug. 26-30. Fall semester classes begin Sept. 3.

The Seniors' Academy debuted last fall as a means to aid older students who may have avoided taking college classes because of the inconvenience of regular enrollment and registration processes.

"Besides being one of the more unique programs in higher education today, the Seniors' Academy exemplifies Texas Tech's efforts to provide unequalled service to students and the community. It is based on a idea that education, whether it is for a degree or for personal enrichment, should be available to everyone regardless of age," said Associate Vice President Virginia Sowell, member of the academy advisory committee.

The program recently ended its first year offering 49 participants easy accessibility to on-campus classes with individual attention from university personnel.

One highlight of the program is individualized academic counseling conducted by experts in adult education. Seniors' Academy members are offered interest and aptitude testing and academic tutoring at no cost. Members also take part in adult learner orientation sessions that introduce them to student services and facilities at Texas Tech.

Applicants to the academy do not need previous college experience. They also are not required to furnish results of college entrance exams.

Additional information and application forms are available through the mail by calling the Texas Tech Visitor's Center at (806) 742-1299.

FOR IMMEDIATE RELEASE
REF: 5-8-8-91
CONTACT: Myrna Whitehead

LUBBOCK -- Eleven students in the 1991 TTU/GTE-PREP Program received \$132,000 in scholarships during the program's closing ceremony Saturday (Aug. 3) at Texas Tech University.

The ceremony featured comments by Texas Tech President Robert W. Lawless, GTE Manager for Contribution Programs Martha Kramer and Dean Jane Winer of the College of Arts and Sciences.

TTU/GTE-PREP is an eight-week program for gifted and talented junior high and senior high school students who are interested in studying engineering, mathematics and business. The program has been funded by GTE Corp. since 1989.

The recipients of the \$12,000 scholarships provided by GTE Corp. were:

Xochitl Duarte of Hutchinson Junior High School, daughter of Efrain and Romelia Duarte; Leticia DeLarrosa of Hutchinson Junior High, daughter of Alfredo and Paula DeLarrosa; Mark Marmolejo of Lubbock High School, son of Raymon and Mary Marmolejo; Maria Gomez of Estacado High School, daughter of J. Placido and Mary Gomez; and Joshua Gutierrez of Atkins Junior High School, son of Donald and Sharon Gutierrez, all of Lubbock.

Also, Lupe Rocha, daughter of Louis and Mary Rocha of Slaton; Elisa Valdez, daughter of Concepcion and Mary Valdez of Slaton; Elitha Palomo, daughter of Freddie Palomo of Amarillo; Dianna Garza, daughter of Raymond and Alice Garza; Elizabeth Rodriguez, daughter of Abraham and Maria Rodriguez of Sundown; and Patricia Thomas, daughter of Guadalupe and Patricia Thomas of Brownfield.

In addition to the scholarship presentations, \$3,000 in cash prizes were awarded to the top students in five TTU/GTE-PREP programs. The funding for the cash awards was contributed by the deans of the College of Engineering, \$1,200; the College of Business Administration, \$1,200; and the College of Arts and Sciences, \$600. The awards were based on the students' academic rankings in the program.

The top students in the PREP I business option were Stacy Henderson, daughter of Joe and Catherine Henderson of Lubbock; Aaron Bazar, son of Stephen and Diane Bazar of Wolfforth; and Amanda Parks, daughter of Ronald and Phyllis Parks of Floydada. The three tied for the \$200 prize.

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AWARDS/PAGE 2

The top PREP I student in the engineering and science option was Victor Escamilla, son of Victor and Maria Escamilla of Lubbock. He received \$200.

The top students, each receiving \$250, in the PREP II business option were Tiffany Rodgers, daughter of Michael and Sherry Rodgers of Midland. The top student in PREP II engineering option was Jesse Martin, son of Kristy Frahm of Lubbock.

The top PREP III student was Jeremy Mayhew, son of Larry Mayhew and Barbara Carr of Plainview. He received a \$250 prize.

Cash prizes also were presented to the second- through seventh-ranked students in each PREP I program and second- through fifth-ranked students in each PREP II and PREP III program.

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HEALTH TIPSHEET
from
TEXAS TECH HEALTH SCIENCES CENTER
August 9, 1991

VACCINATION VICTIMS -- By law, all children are required to receive a variety of periodic immunizations before being admitted into the public school system. Although the shots are safe, there's no guarantee that vaccines will not cause adverse side effects in some children, according to TTHSC Neurology Professor Daniel Hurst, M.D. Hurst is an expert with the National Vaccine Injury Compensation Program -- a federally funded group dedicated to reviewing immunization complaints and compensating legitimate vaccination victims. The program -- which is funded \$80 million annually, was established in 1986 as compromise legislation aimed at taking immunization cases out of the court system. For more information about immunizations or the National Vaccine Injury Compensation Program, contact Hurst at (806) 743-2498.

TEEN KILLER -- The number one killer of teenagers is drunk driving. This year alone, the Texas Department of Public Safety predicts that more than 4,000 teens will die and another 110,000 will be seriously injured in car crashes involving alcohol, according to James Griggs, certified drug and alcohol counselor at the TTHSC Southwest Institute for Addictive Diseases. Texas state law defines "drunk" as having an alcohol concentration of .10 or more, but most individuals experience serious impairment of their driving skills at significantly lower levels. People react to alcohol differently, he said, depending on how recently they have eaten, their metabolism, how tired they are, the medication they take, their emotional state and their weight. Unfortunately, most teenagers are under the impression that serious accidents only happen to others. In time, this feeling of invincibility leads many teenagers down a path to life-threatening accidents. For more on drinking and driving and the risk-taking behavior of teenagers, contact Griggs at (806) 796-3600.

For assistance on these or other stories,
contact Kim Davis or Preston Lewis at
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