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2-3-4-91	common sense														
Tornado Packet 3-3-4-91	disaster institute														
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6-3-4-91	Tornadoes														
7-3-4-91	Funding														
✓ 8-3-4-91	Computer class	CP													
✓ 9-3-4-91	Client Counseling Law Team to Nationals	SK													
✓ 10-3-4-91	New Zealand tour	CP													
✓ 11-3-4-91	model railroad convention	KH													
✓ 12-3-4-91	MacNeish lecture	MW													
✓ 13-3-4-91	Asian panel	MW													
✓ 14-3-5-91	Law students feature	SK													
15-3-5-91	Architecture Lecture Series	SK													
✓ 16-3-7-91	Calendar	SK													
✓ 17-3-7-91	Warnock poetry reading	MW													
✓ 18-3-8-91	Jack 2	JL													

DATE	Stories and Cutlines	Writer	# copies	Features	Locals	Reg. Daily	Reg. Weekly	50's	X-List	Adj. Count.	Ag. List	Ag. Boxes	Misc.	Bacons	Remarks
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News & Publications, HSC Bureau

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HEALTH TIPSHEET
from
TEXAS TECH HEALTH SCIENCES CENTER
March 1, 1991

WAR IS WELL -- With the ground assault in Kuwait, the challenge of the Army Medical Corps is to get soldiers well. Former Army Surgeon General Bernhard T. Mittemeyer, M.D., now TTHSC's executive vice president and provost, knows that challenge well, first as a combat surgeon in Vietnam and later as the Army's top medical administrator. On the battlefield, the role of Army doctors is to evaluate, stabilize and treat the wounded and to return troops to their units, if at all possible. If that is not possible, then the wounded are evacuated from the battlefield or battalion aid stations to field hospitals. In Saudi Arabia, the Army's major hospitals are organized by specialty so that patients with neurological injuries go to one hospital, those with chest injuries to another and those with abdominal or extremity injuries to yet another, if possible. Through this sorting process and provision of specialized care as soon as possible, Army health care teams maximize the saving of life and limb for all casualties. For more on how the Army deals with casualties and with the logistics of combat medicine, contact Mittemeyer at (806) 743-2938.

RECORD APPLICATIONS -- A record number of Texas residents have applied for fall admission in the TTHSC School of Medicine. Medical Dean Darryl M. Williams, M.D., reported 1,069 Texas residents had applied, surpassing the previous record of 992 set in 1984. Williams said the increase reflects Texas Tech's growing reputation as a medical school and a national trend that has seen a rise in overall medical school applications. Since 1988 when the number of Texas residents applying to Texas Tech bottomed out at 738, applications have risen to 817 in 1989 and to 895 last year. Along with the 1,069 Texas applications, Texas Tech has received 35 applications from the bordering counties of Oklahoma and New Mexico, the only areas from which out-of-state residents are accepted into Texas Tech's medical degree program. The total of 1,104 applicants overall means the School of Medicine has 11 applications for each of the 100 fall slots. For details on application trends at Texas Tech, contact Williams at (806) 743-3000.

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

B-3-1-91

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FOR IMMEDIATE RELEASE
REF: 15-3-1-91
CONTACT: Steve Kauffman

(MEDIA ADVISORY: Leon Lederman will be available for private interviews during his visit on campus March 4-5. To schedule an appointment or to attend one of his classroom lectures, contact the Dads and Moms Association at 742-3630)

LUBBOCK -- Leon M. Lederman, Ph.D., 1988 Nobel laureate in physics, will present a free public lecture at 7:30 p.m. Tuesday (March 5) in Room 49 of the Texas Tech University Chemistry Building.

Lederman will be on campus Monday and Tuesday presenting informal lectures and discussions as the James G. Allen distinguished visiting professor. The professorship is sponsored annually by the Texas Tech Dads and Moms Association in honor of its former executive director James G. Allen.

In 1988, Lederman and two former colleagues at Columbia University shared the Nobel Prize in physics for their role in detecting the muon neutrino, a subatomic particle so elusive that he once referred to it as "just barely a fact." The detection of the muon neutrino ushered in an era of scientific advances in research involving particle physics.

Lederman, currently a professor of physics at the University of Chicago, is a strong advocate in the fight against what he calls the "frightening level of science illiteracy in the United States."

Upon receiving the Nobel Prize, Lederman said, "The most encouraging aspect of an award such as this is that, hopefully, young people will hear about this and be inspired to carry on this most basic type of research."

Lederman has been instrumental in establishing several educational programs for teachers and high school students. He was instrumental in establishing the Illinois Science and Math Academy, a free public boarding school for gifted students.

A New York City native, Lederman received his bachelor's degree in chemistry from City College of New York. He earned his master's and doctoral degrees in physics from Columbia University.

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FOR IMMEDIATE RELEASE
REF: 16-3-1-91
CONTACT: Myrna Whitehead
or Malinda Stober

HISTORY PROFESSOR TO LECTURE ON DESERT STORM

[MEDIA ADVISORY: Members of the media are invited to attend any or all of the speeches to be presented by James R. Reckner, Ph.D., assistant professor of history at Texas Tech University. Reckner is the director of the Center for the Study of the Vietnam Conflict at Texas Tech.]

LUBBOCK -- Texas Tech University history Professor James R. Reckner, Ph.D., will speak about the Persian Gulf War. He will address members of the National Association of Retired Federal Employees at noon Thursday, March 7, at the Western Sizzlin' Steak House, 83rd Street and Indiana Avenue. Reckner will present "Vietnam Revisited: A Perspective on the Gulf War."

Reckner also will speak at two patriotic rallies at 8:15 a.m. March 15 at Ed Irons Junior High School, 5214 79th St., and at 1 p.m. March 16 at Leroy Elmore Park, 66th Street and Quaker Avenue.

A retired naval officer and veteran of two tours of duty with Vietnamese navy riverine forces, Reckner serves as the director of Texas Tech's Center for the Study of the Vietnam Conflict.

The center, established by the Board of Regents of Texas Tech in December 1989, focuses on the Vietnam experiences of the people of the Southwest. The center promotes scholarly research and hosts conferences to educate the public. The center also supports the Vietnam Archive, a collection of the Texas Tech Library.

SOURCE:
James R. Reckner, Ph.D., 742-3742
Director of the Center of the Study of the Vietnam Conflict

FOR IMMEDIATE RELEASE
REF: 8-3-4-91
CONTACT: Chris Patterson
or Gayle Fulcher,
742-2352 Ext. 248

LUBBOCK -- Computer courses for people with little or no computer experience, advanced classes for seasoned users and a course for those who want to build their own computer will be offered this month by Texas Tech University's Division of Continuing Education.

The "Microcomputer Certificate Program" is a 24-hour, hands-on course which takes participants through skill-building exercises. Upon completion, participants will understand the importance of word processing, database management and spreadsheet applications and will be able to put these practical skills to work. The class meets from 9 a.m. to noon Mondays and Wednesdays (March 4-27). Cost of the program is $259.

"Introduction to the Personal Computer for Women" is for women beginning to learn about computers. Participants will learn about computer terminology from a non-technical perspective and will explore MS DOS, word processing, database management and spreadsheet programs. No computer experience is required. The class will meet from 7-9:30 p.m. Tuesdays and Thursdays (March 5-14). Cost of the course is $127.

"Introduction to MS DOS" is a beginning, 10-hour course which emphasizes utility programs for file management and the basic control of DOS resources. Some computer experience or completion an introductory course is required. The class will meet from 7-9:30 p.m. Mondays and Wednesdays (March 4-13). Cost of the course is $127, which does not include a required textbook.

"Introduction to Lotus 1-2-3" will explore the full range of Lotus commands. Participants will design specific applications for their businesses using Lotus' worksheet, graphics and database capabilities. Some computer experience or completion of an introductory course is required. Also, a textbook may be required. The class will meet from 9-11:30 a.m. Tuesdays and Thursdays (March 5-14). Cost of the course $127.

"Advanced dBASE" includes multiple file databases and business programming. Participants' business application needs will be addressed. Experience with dBASE or completion of an introductory dBASE course is required. A textbook also may be required. Classes will meet from 7-9:30 p.m. Mondays and Wednesdays (March 4-13). Cost of the course is $127.

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"Advanced WordPerfect" is for WordPerfect users to learn to precisely control the format of documents, use indexes and tables of contents, produce multi-column documents, use graphics and macros and explore the desktop publishing capabilities of WordPerfect. A textbook may be required. Classes will meet from 9-11:30 a.m. Tuesdays and Thursdays (March 5-14). Cost of the course is $127.

"How to Build Your Own 386/286/XT Compatible" will cover topics such as hardware, installation and assembly. The class will meet from 9-11 a.m. Monday and Wednesday (March 4 and 6). Cost of the course is $49.

All classes will be held at the Division of Continuing Education's office in the Center for Innovation, 2579 S. Loop 289. For more information or to register, telephone 745-3300. Business hours are 8 a.m. to noon and 1-5 p.m.

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FOR IMMEDIATE RELEASE
REF: 10-3-4-91
CONTACT: Chris Patterson
or Gayle Fulcher,
(806) 742-2352 Ext. 248

LUBBOCK -- New Zealand, a country that boasts one of the world's highest literacy rates, will be the locale of a three-week study tour for Texas educators.

During the tour, Texas teachers will observe reading and writing techniques used in the New Zealand educational system. Participants will be given an opportunity to observe New Zealand educators in their classrooms and to meet with them to analyze New Zealand's high level of literacy attainment.

The methodology used by New Zealand educators maintains that reading, talking and writing are inseparable; that the foundations of literacy are laid in the early years; that books for children who are learning to read should use natural idiomatic language appropriate to the subject; and that people learn to read in ways that teachers can individualize to ensure success for all learners.

In addition to meeting with educators in Auckland and Wellington, participants will tour through New Zealand to experience the cultures and countryside of one of the island nations of the South Pacific.

Shirley Koeller, Ph.D., will conduct the tour. Koeller is an associate professor of education at Texas Tech University and director of the Caprock Area Writing Project, an affiliate of the National Writing Project designed to improve writing and its instruction.

The tour will depart from Lubbock on July 11 and return on Aug. 3. The expected cost will be approximately $3,400 per person. A deposit of $600 is required ($100 is non-refundable) when reservations are made. Reservations must be made by March 15.

The cost of the tour includes round-trip airfare from Lubbock to Auckland, New Zealand; one-way fare from Christchurch to Auckland; land/air transportation to scheduled events; arrival and farewell dinners; and admissions and guide fees. The cost also includes goods and services for scheduled events and hotels.

Participants can earn three graduate credits. For more information or to register, contact Shirley Koeller, College of Education, Texas Tech University, Lubbock, Texas, 79409-1071, (806) 742-2368; or Deborah Palmer, Division of Continuing Education, Texas Tech University, Lubbock, Texas, 79409-2191, (806) 742-2352 Ext. 251.

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AFTER HOURS CALL: Margaret Simon (806) 797-1888

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FOR IMMEDIATE RELEASE
REF: 11-3-4-91
CONTACT: Kippie Hopper

LUBBOCK -- A Texas Tech University associate professor of classical art and archaeology has found her ideal escape: model railroading. Nancy B. Reed, Ph.D., will join other such hobby enthusiasts from Texas, New Mexico and Oklahoma at the Plains Rail Expo '91.

Co-sponsored by the Texas Tech department of art and the Lubbock Model Railroad Association, the regional convention is scheduled for March 8-10 in the University Center Ballroom on the Texas Tech campus.

Activities are scheduled 10 a.m.-5 p.m. Friday, 9 a.m.-6 p.m. Saturday and 10 a.m.-5 p.m. Sunday. Full convention registration is $5 for the general public and $3 for students. General admission is $3 for adults and $1 for students.

Reed, who has been involved in model railroading for about a year and a half, is one of two women out of the 50 members of the Lubbock organization.

"Model railroading is a big leveling factor among the association members," Reed said. "It's one of the more exciting hobbies and appeals both to people of all ages and to entire families."

Scenery design is Reed's favorite aspect of the hobby, which first gained popularity in the 1930s.

"Model railroading involves a wide range of interests and skills, from constructing scenery, buildings and track layouts, to researching the historic prototypical railroading and track-side structures," Reed said.

The model railroading regional convention will encompass seven operating layouts in several scales. Clinics will cover topics such as starting a home layout, building scenery and structures, and weathering techniques. Model contests, a swap-meet and a flea market also are planned for the weekend.

The Lubbock Model Railroad Association, open to everyone, meets on the first Monday of every month at Plains National Bank.

For more information on the convention, contact Neil Burrus, the local club president, at (806) 794-5601, or Reed, the local vice president, at (806) 742-3096.

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FOR IMMEDIATE RELEASE
REF: 12-3-4-91
CONTACT: Myrna Whitehead

LUBBOCK -- Internationally acclaimed archeologist Richard S. MacNeish, Ph.D., will present a free lecture at 7:30 p.m. Thursday (March 7) in Holden Hall Room 76 at Texas Tech University. He will speak on the "Earliest Paleo-Indians in the New World."

MacNeish is recognized for having found the earliest domesticated maize dating to 5000 B.C. He recently launched a major research effort involving dry caves in southeastern New Mexico. From these caves, MacNeish has recovered remains of some of the earliest hybrid corn to be found in North America. He also claims to have uncovered evidence of human activity which may be 30,000 years old.

The lecture is sponsored by the Anthropological Society, the College of Arts and Sciences, the College of Agricultural Sciences, the department of agricultural economics, the department of anthropology, the department of history, the International Center for Arid and SemiArid Land Studies, the Latin American Area Studies Program and the Texas Tech Museum.

For additional information, call Grant D. Hall, Ph.D., department of anthropology, at (806) 742-2228.

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FOR IMMEDIATE RELEASE
REF: 13-3-4-91
CONTACT: Myrna Whitehead

LUBBOCK -- Texas Tech University's Asian Pacific Rim Area Studies Program will present a panel discussion at 7:30 p.m. Wednesday (March 6) in Holden Hall Room 76. The topic of the discussion will be "The Role of Asian Pacific Nations in the Persian Gulf War."

Each student's discussion will be summarized by Aie Rie Lee, Ph.D., assistant professor of political science at Texas Tech.

Panelists include Yan Bai, political science graduate student from China; Katsumi Hirose, political science graduate student from Japan; Kyoung Shin, political science graduate student from Korea; Kenny Wu, animal science graduate student from Taiwan; Mandy Suvannakul, political science graduate student from Thailand; John Ryan, sociology graduate student from Lubbock; and Leanna Efird, **University Daily** editor, from Childress.

Yung-mei Tsai, Ph.D., professor of sociology and director of the Asian Pacific Rim Area Studies, will serve as moderator.

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FOR IMMEDIATE RELEASE
REF: 14-3-5-91

LAW SCHOOL MARKS NEW CAREER FOR MANY STUDENTS

By Steve Kauffman

LUBBOCK -- Their facial expressions are commonly intense. Their drive is equally evident.

The 568 students at Texas Tech University School of Law share a common aspiration for legal education. However, their backgrounds are unique.

Their motivations are derived from an array of experiences and, in many cases, already-established careers. Passing the bar exam, has become the new goal of a former professional football player, a social worker, a chemistry professor and biochemistry researcher.

Tod Mayfield

Three years ago, Tod Mayfield spent his weekends on the football field in a Buffalo Bills uniform. Today, most of his weekends are spent in the law library at Texas Tech.

The 26-year-old first-year student had experienced the full cycle of athletics, from student and professional competition to high school coaching, before deciding to earn a law degree.

Mayfield was a pace-setting quarterback from West Texas State University -- where he still holds every offensive football record -- when he joined the Bills in 1986 as a free agent. He took the professional field as a back-up quarterback in pre-season and regular play. But the Panhandle native's first league season was sidelined with the players' strike.

Mayfield's career then took a turn toward coaching football at his college alma mater in 1988.

Coming from a family of teachers, Mayfield said the job was a natural blend for his physical education degree and his interest in competitive athletics.

The position's endless hours of spring recruiting, he adds, were not a favored job responsibility.

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"Now, I miss the kids and I miss the coaching aspect of that job," Mayfield reminisced. "But recruiting is something I do not miss."

Mayfield was on the road recruiting in January 1990 when he decided to take a step toward attending law school. He had kicked the idea around before. But this time, Mayfield acted on the impulse. He completed late registration for an upcoming Law School Aptitude Test, sent his admission application to Texas Tech and took the aptitude test, all within a few days.

"Actually, my application to the law school went in two months after the deadline. But Texas Tech is where I knew I wanted to come to law school originally," Mayfield said.

Mayfield said his first year of law school has been the challenge he expected. Career plans already are shaping into a future that can encompass his interests.

"Right now, I'm fairly interested in litigation. There's a chance I might dabble a little bit in sports agency," said Mayfield. "I like the idea of getting involved as a sports agent."

Susan Dunleavy

Susan Dunleavy was a health teacher in El Paso when she began taking night classes toward a master's degree in social work. Those night classes eventually led to a degree and a social welfare job in 1986 with the Dallas Independent School District.

Dunleavy said, while her work had obvious rewards of helping abused and needy children, the job had its share of frustrations and limited resources to save the many children "lost in the third world of West Dallas."

"I was full of misery and helplessness and the feeling that I was putting band-aids on big problems," she said. "I just couldn't see myself spending the rest of my life doing that."

Law was a career Dunleavy had considered for many years, and one in which she could see herself working for a long time. After her husband, also a former teacher, earned his accounting degree and began working as an auditor in 1988, Dunleavy decided to leave their Dallas home and head to Texas Tech.

After two and a half years of law school, Dunleavy is focusing on a career in federal public defense and on a graduation ceremony in May.

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While the "grind" of law school has been taxing on the 40-year-old, she said the biggest burden on her education has been living 400 miles from her husband. Dunleavy spends holidays and summers in Dallas, and the pair now has nailed down a routine to see each other at least once a month. The scheduling has become a constant series of compromises that she said has become more comfortable in this third year of law school.

"This has been a very demanding regimen for us. Things really were roughest during the second year. This year, we both know we're in the home stretch," Dunleavy said, noting that the first year of separation was less difficult because she had to center her attention on adjusting to law school.

At the end of her first year, Dunleavy was academically in the middle of her class. That was a difficult stance, considering she had completed her master's degree with a 4.0 grade-point-average.

Participation in Law Review publications and a more efficient approach to studying during her second year helped pull Dunleavy's current ranking to 28th in the pack of 229 students.

"Law school has been a kick in the head," Dunleavy joked. "Things always had come easily to me. My work ethic definitely has improved as far as academics."

Joe Adamcik

Joe Adamcik has been a fixture of Texas Tech campus classrooms since 1957. He lectured for 31 years in the Chemistry Building. Today, the retired professor sits in the listening area of the law school classroom with the intentions of earning his law degree in May.

"After doing one thing for so long, I wanted something intellectual to do after retirement," Adamcik explained of his 1988 decision to take an early retirement from teaching. "All my life I had to learn new things in chemistry, and I have to learn new things in law as time goes on. So, it's really not so different."

Adamcik has been interested in law since he went to Naval Justice School in 1953 after completing his bachelor's degree in the Naval ROTC program.

His colleagues in the Texas Tech chemistry department always recognized his wide-ranging interests, Adamcik said. While he was on the board of directors of the American Chemical Society for eight years, Adamcik also joined the society's law division before he decided to go to law school.

Adamcik downplays the notion that attending law school signaled a major upheaval of his professional career.

"If I had not taken early retirement from teaching, I would have retired in a few years anyway," the 60-year-old said. "So, it's not like I changed careers in the middle of my life. I wanted to do something different as I got on in years."

Adamcik's law career is open to a variety of choices from opening an office for general law practice to criminal defense work. Other options are more closely related to his chemistry background. Environmental law or criminal law in which technology-based evidence is becoming increasingly important, according to Adamcik, are two of a variety of career options that could benefit from a technical knowledge of chemistry.

The possibility of teaching law is not an option. Adamcik said while he enjoyed his years in the classroom, he thinks now is the time to do something a little different.

Mary Lou Mailman

Law School to Mary Lou Mailman came as a career enhancement rather than a career change.

Utilizing her doctorate in biochemistry and her extensive teaching and research experience, Mailman plans to apply her law degree to the rapidly expanding field of biochemistry patents.

The 51-year-old had reached the glass ceiling in academe after teaching biochemistry for 10 years at the University of Texas Dental Branch in Houston. Patent work in the same area was an exciting extension of her scientific work.

"Patent work is part of the explosion of technological application in the medical sciences. The technical knowledge is a controlling part of the job, but you can't do it without passing the bar," Mailman said.

A first-year student, Mailman has had to make some adjustment to law school, because she has found that her teaching experience and law school work have very little overlap. The long-time Houston resident said her biggest obstacle in school to date has been the "culture shock" of moving to West Texas in addition to becoming a student again.

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Lubbock residents, Mailman said, are very cordial and always friendly. As a former teacher, she also noted that West Texas hospitality even is evident at the law school where the faculty maintains an uncommon lack of bureaucratic overlay and a "humane attitude" toward the students.

That humane attitude has allowed Mailman to extend her law school education to four years, if her recent research proposal is accepted by NASA. If approved, the research could interrupt her academic schedule for at least a semester.

Mailman presented the proposal at a NASA conference in January. The objective of the project is to identify the defect in the synthesis of bone tissue during space flight that causes astronauts to lose tissue without its replacing itself.

Mailman's study, tentatively scheduled for a 1994 space flight, involves about two years of ground study in connection to the actual mission testing. Pending NASA's decision, Mailman's future remains on course.

"I don't know what will happen. The project is not funded until they schedule me for a flight," Mailman said. "I may be out of law school by the time this thing gets funded."

Meanwhile, Mailman continues her legal studies and patiently waits for NASA's decision on the project that will preserve her status as an active scientist.

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FOR IMMEDIATE RELEASE
REF: 14-3-5-91
CONTACT: Steve Kauffman
or Amy Tweedy

LUBBOCK -- The Texas Tech University College of Architecture continues its spring lecture series with talks on March 6, 27, April 10 and 24. All lectures are at 4 p.m. in the Architecture Gallery.

"Ecclesiastical Design," the next lecture in the series, is scheduled on March 6 and will feature Clovis Heimsath, owner of Clovis Heimsath Architects in Austin. This lecture will focus on church architecture.

Glenn E. Hill, assistant professor of architecture at Texas Tech, will present "Systems View of Architecture" on March 27. Hill is an alumnus of Texas Tech.

On April 10, David DeMarest, president of DeMarest & Associates of Dallas and an alumnus of Texas Tech, will present "Computer Applications in Practice."

During the final event of the series, Bill D. Smith speak April 24 during the college's honors convocation. Smith is the president of the Texas Society of Architects and a Texas Tech alumnus.

For more information, contact Carol Phillips in the College of Architecture at 742-3136.

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CALENDAR WEEK MARCH 8-15
REF: 16-3-7-91
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.)

MAR 8

Student exhibit -- Jeff McMillan, printmaking,
Art Building Hall Gallery through March 14

Research conference, sponsored by the Iota Mu chapter of Sigma Theta Tau International,
8:30 a.m. to 4 p.m., TTHSC Room 2C103

Plains Rail Expo '91, co-sponsored by the department of art and the Lubbock Model Railroad Association,
10 a.m., UC Ballroom through March 10

Workshop -- "Ethics and the Addiction Counselor," sponsored by the Southwest Institute for Addictive Diseases,
1:30-4:30 p.m., Southwest Institute Annex

MAR 10

5000-Meter Swim, sponsored by the department of recreational sports,
9 a.m., Aquatic Center

University Singers concert
8:15 p.m., Hemmle Recital Hall

MAR 11

Faculty recital -- William Westney, piano,
8:15 p.m., Hemmle Recital Hall

MAR 12

Art Through the Ages seminar -- "Cultural and Artistic History of Northern New Mexico," by Dan Flores, sponsored by the Women's Council of the West Texas Museum Association,
11 a.m., Texas Tech Museum Memorial Room/Taos Gallery

International Coffee, sponsored by the Office of International Affairs,
4 p.m., Holden Hall Room 75

Paul Dresher Ensemble, sponsored by UC Cultural Events,
8:15 p.m., Allen Theater

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MAR 13 Faculty Senate meeting
3:30 p.m., UC Senate Room

Weekly injury clinic, sponsored by the department of recreational sports and TTHSC department of orthopedics,
7 p.m., Recreation Center Room 201

Faculty recital -- Greg Koyle, percussion,
8:15 p.m., Hemmle Recital Hall

MAR 14 Student exhibit -- Jeff McMillan, printmaking, ends
Art Building Hall Gallery

Board of Regents committee meeting
10:30 a.m., TTHSC Room 2B152

Conference -- 24th annual meeting of the Southwest Council of Latin American Studies, "Climates and Culture," sponsored by Texas Tech and the University of Texas of the Permian Basin, on campus through March 16

"Interpreting Mescalero Apache Indian History at Guadalupe Mountains National Park," by James Goss, Texas Tech professor of anthropology,
7 p.m., Texas Tech Museum Memorial Room

MAR 15 Board of Regents formal meeting
8:30 a.m., Administration Building Regents Suite

Harp Festival
5 p.m., Hemmle Recital Hall through Feb. 17

FOR IMMEDIATE RELEASE
REF: 17-3-7-91
CONTACT: Myrna Whitehead

LUBBOCK -- Poet Marilyn Waniek will read from her work during a program at 8 p.m. Tuesday (March 12) in the Texas Tech University Center Lubbock Room. The reading is free and open to the public.

Waniek, author of three volumes of poetry including "For the Body," "Mama's Promises" and "The Homeplace," has twice been the recipient of creative fellowships from the National Endowment for the Arts. She also has published critical essays and poetry in a variety of literary journals including "The Georgia Review," "The Hudson Review," "The Carleton Miscellany" and "The Ohio Review."

Waniek also will conduct a writing workshop for students, faculty and other interested members of the community. The workshop is scheduled for 10 a.m. Wednesday (March 13) in Room 220 of the English Building.

Waniek received her bachelor's degree from the University of California at Davis in 1968, her master's degree in 1970 from the University of Pennsylvania in Philadelphia and her doctorate in English in 1979 from the University of Minnesota in Minneapolis. She currently is a member of the faculty at the University of Connecticut at Storrs.

The visit is co-sponsored by the Texas Tech department of English, the Office of the Vice Provost for Academic Affairs, the Dean of the College of Arts and Sciences and the National Endowment for the Arts.

For additional information, call the English department at (806) 742-2501.

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FOR IMMEDIATE RELEASE
REF: 18-3-8-91A
CONTACT: Jennifer LeNoir

[MEDIA ADVISORY: The media is invited to attend a brief ceremony to recognize the recent completion of construction of a new, underwater tow tank. The dedication is scheduled for 10 a.m. Friday (March 15) in the High Bay Laboratory, Room 133 Mechanical Engineering Building.]

LUBBOCK -- Texas Tech University's College of Engineering has announced the completion of construction of one of the few underwater tow tanks in the nation to be used for research in aerodynamic designs of automobiles and parachutes.

A ceremony to dedicate the new tow tank is scheduled for 10 a.m. Friday (March 15) in the High Bay Laboratory of the Mechanical Engineering Building on the Texas Tech campus.

Presentation participants will include: Texas Tech President Robert Lawless, members of the Texas Tech Board of Regents and representatives from both the Ford Motor Co. and Sandia National Laboratories.

The new tow tank and instrumentation cost approximately $560,000 and are supported with Texas Higher Education Assistance Funds (HEAF). Additional funding has been awarded by the Ford Motor Co. and Sandia National Laboratories.

Measuring 80 feet long, 15 feet wide and 10 feet deep, the tow tank holds approximately 90,000 gallons of water. Researchers use the tank to simulate unsteady air flow patterns and their effect on certain objects, said J. Walter Oler, Texas Tech associate professor of mechanical engineering.

Although nine other universities in the United States now have tow tanks, the majority of the facilities are used for the study of hydrodynamics related to ships, according to Oler.

Texas Tech engineering researchers currently are working on aerodynamic research projects that have received funding totaling more than $500,000. All aerodynamic studies in the College of Engineering previously have been conducted in a smaller tank, measuring 30 feet long, 15 feet wide and 4 feet deep.

"The larger tank will allow mechanical engineering researchers to increase aerodynamic research projects at the university," Oler said.

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The new tank will facilitate the gathering of data for an aerodynamic/wind engineering project that will use both full-size and scale-model vehicles to study underhood and underbody airflow phenomena, he said.

The automotive aerodynamic studies primarily involve injecting a dye into the water and recording its movement with a videocamera. The dye passes through the automobile's clear engine compartment hood, while also traveling in and around radiators, batteries and other equipment. Engineers will use the information to efficiently organize engine compartments for optimum cooling, reduced wind drag and better fuel economy, Oler said.

"The new tow tank provides better flow visualization for the underhood airflow tests than a wind tunnel would provide. Also the new tank's longer length enhances the simulation of actual highway performances because it allows researchers to gather more data with fewer towing tests," he said.

The current automotive aerodynamics projects are part of a research package funded since January 1987 by Ford. Researchers have been conducting the studies using a 3/8-scale Ford Taurus model vehicle that would fit in the smaller tank, he said.

Researchers say the new tank will save not only time and energy, but also money. An actual-sized automobile is cheaper than the scale models, which cost about $60,000 each. A new Ford Taurus lists for $12,000, Oler said.

Additionally, researchers are using the tow tanks to study parachute aerodynamics. The larger tow tank is suited especially well to the project because water may be used to simulate actual atmospheric environments, Oler said.

Underwater tow tanks allow researchers to collect data on parachute systems in "unsteady" conditions, such as those experienced in the atmosphere. Wind tunnels, another common method of collecting data, provide researchers only with "steady" or constant wind speeds.

"It's important to learn how parachutes behave in unsteady conditions. For example, they are often used to drop heavy military equipment like tanks. A wake, or turbulent air, behind an aircraft may prevent parachutes from opening properly. As a result, parachutes may not always completely open, causing cargo to contact the ground," Oler said.

FOR IMMEDIATE RELEASE
REF: 20-3-8-91
CONTACT: Margaret Simon

LUBBOCK -- The March meeting of the Texas Tech Board of Regents may be the first meeting for Texas Tech's newest regent if the Senate confirms her appointment in time. New appointee Patsy Woods Martin of Austin was selected by Governor Ann Richards to replace Wendell Mayes of Austin. Richards will also appoint new regents to fill two other expired terms. Those appointments could come before the March meeting.

The Board of Regents committee meetings will begin at 10:30 a.m. on Thursday (Mar 14) in Room 2B152 of the Health Sciences Center Building. Discussion of agenda items occurs during committee meetings. The formal board meeting will begin at 8:30 a.m. on Friday (Mar 15) in the Board of Regents Suite, second floor of the east wing of the Administration Building.

The Board of Regents will adjourn to the High Bay Laboratory, Room 133 of the Mechanical Engineering Building, at 9:30 a.m. on Friday to attend a recognition ceremony celebrating the recent completion of a new, underwater tow tank. Members of the media are invited to attend the ceremony: tow tank press release and photo are included with the Board of Regents agenda in this mailing.

Highlights of the Thursday committee meetings include:

- discussion of cable television and long distance telephone service in the dorms;
- discussion of new campus parking fees for the next academic year;
- discussion of tuition increases for graduate programs; and
- naming of new Horn Professors. Named for Texas Tech's first president, a Paul W. Horn Professorship is the highest honor that the university bestows upon its faculty.

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