

[illegible]



DATE \_\_\_\_\_

CONTACT: Preston Lewis

1-8-23-83

LUBBOCK--More than 160 gifted and talented youths from 64 cities throughout Texas have successfully completed the second session of Texas Tech University's "Shake Hands With Your Future" program.

The summer enrichment program, sponsored by the university's Division of Continuing Education, provides students an opportunity for advanced learning on a university campus. Participants chose from a variety of courses and supplementary activities.

Upon completion of the second session July 23, participants were notified by Texas Tech Academic Affairs Vice President John R. Darling that they had been given pre-acceptance status to the university, pending completion of required high school units and the filing of appropriate application materials.

"We hope Texas Tech will play an important role in your goal of continued growth and development," Darling said.

Program participants, their parents and addresses included



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS/P.O. BOX 4650/TEXAS TECH UNIVERSITY/LUBBOCK, TEXAS 79409/(806) 742-2136

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897  
Preston Lewis, Manager, News Bureau, (806) 745-1718  
Dave Clark, Asst. Mgr., Electronics, (806) 793-9711

CONTACT: Preston Lewis

2-8-23-83

ATTENTION: Energy Editors

LUBBOCK--The lawful prerogative of mineral rights owners to develop their holdings as they like is being threatened in some parts of Texas by an unlikely opponent -- other mineral rights owners.

While oil and gas have long held legal sway in Texas, Texas Tech University Law Professor Bruce M. Kramer says the growing importance of lignite and uranium to the state and national energy picture is blurring long-established legal precedents.

Since the engineering techniques to develop minerals like oil and gas differ from those to mine hard-rock minerals like lignite and uranium, the two energy industries are bound to come into conflict in areas where both resources exist, Kramer said. Such an area is a crescent swath extending from the northeast corner of Texas to the lower Rio Grande.

"How to exploit both resources in a way beneficial to Texas and the United States as a whole is my concern," Kramer said.

Though legal precedence has long given the owner of oil and gas rights preferred status over the surface owner, the changing energy situation has brought into conflict competing mineral owners on the same land. In this area, there is little legal precedence or law to cover the conflict.

In a legal analysis of the situation funded by the Texas Energy and Natural Resources Advisory Council (TENRAC), Kramer has recommended the concept of "reciprocal accommodation." This legal tenet gives exclusive right to neither, but recognizes the rights of both.

-more-



"The judicial concept of reciprocal accommodation balances and correlates the developmental rights of both parties so as to allow for maximum exploitation of both with minimum interference," Kramer said.

A regulatory scheme to accomplish reciprocal accommodation might postpone the right of one owner to develop or set minimum performance standards for both to allow concurrent development.

"It would be an ad hoc, flexible determination looking at the geologic information available regarding each resource," Kramer said. "Only then can you make the technological or engineering decision of how to exploit both of the minerals in a way which imposes the least amount of cost and the maximum amount of return to both owners."

Although such a regulatory system might limit some options of the mineral rights owners, it could help avoid costly and lengthy court cases to determine who has priority.

Kramer said the Texas Railroad Commission is the logical agency to referee these disputes. The commission currently regulates oil and gas development as well as hard-rock mineral mining. However, separate divisions within the agency regulate development of the two different resources. These divisions may approve development of one resource without ever knowing the coexistence of the second resource.

Simply making sure the commission's right and left hands know what each other is doing would benefit the codevelopers immediately, Kramer said. This could be an easy first step toward reciprocal accommodation in a state long accustomed to giving preference to oil and gas.

"You would need a regulatory body to set up a system whereby these disputes can be accommodated through administrative hearings, dispute resolution techniques and a flexible guideline to determine the timetables for exploitation of the resources," Kramer said.

The root cause of the problem, Kramer suggested, is not the emergence of new energy sources rivaling oil and gas in importance, but rather the Anglo-American system of laws which allows mineral rights to be severed from the surface ownership.

"When one party controls all the valuable minerals," Kramer said, "the economic system will operate to let him exploit the resources in a way that is economically efficient and benefits society. He will do what brings the greatest rate of return."



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS/P.O. BOX 4650/TEXAS TECH UNIVERSITY/LUBBOCK, TEXAS 79409/(806) 742-2136

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897  
Preston Lewis, Manager, News Bureau, (806) 745-1718  
Dave Clark, Asst. Mgr., Electronics, (806) 793-9711

CONTACT: Preston Lewis

3-8-23-83

LUBBOCK--Lubbock Avalanche-Journal Editor Jay Harris and Kirk Carr, business and industrial advertising manager of The Wall Street Journal, have been named Outstanding Mass Communications Alumni of the Year at Texas Tech University.

Harris, a 1940 graduate with majors in journalism, political science and government, and Carr, a 1968 advertising degree recipient, will be honored during the university's homecoming Oct. 15.

A breakfast in their honor is scheduled at 8 a.m. Oct. 15 in the University-City Club. A reception and open house in the Mass Communications Building will follow at 10 a.m. Breakfast tickets cost \$7.50 and reservations should be made by calling the Mass Communications Department at (806) 742-3385.

The award is sponsored annually by the department's area alumni councils in Lubbock, Dallas, Fort Worth and Houston, mass communications faculty and students and the department's Mass Communications Advisory Committee.

While he was still a student in 1938, Harris began a newspaper career that, with the exception of a three-year absence during World War II, has run continuously with the Lubbock Avalanche-Journal. Prior to his military service, he worked in the sports department and later in news editing and makeup for both the afternoon and morning editions. After returning from the war, he worked two decades as managing editor of the morning edition and then served as executive editor of both editions until 1972 when he was named to his current position.



During the past five years Harris has logged more than 800,000 miles reporting on numerous countries in Africa, Europe, Asia, South America and the Middle East.

He is a member of the American Society of Newspaper Editors. He also belongs to the managing editors associations for the Texas and national Associated Press and for United Press International. He is on the 20-member advisory board of the National Journalism Center.

For the past 28 years, Harris has been active in the Downtown Lubbock Rotary Club. He is a member of several civic organizations, including the Lubbock Chamber of Commerce.

Carr joined The Wall Street Journal's Dallas office in 1968. He later worked in the Journal's Cincinnati and Detroit offices. In 1976 while in Detroit, he was named district manager. Two years later he was reassigned as ad director of the Asian Wall Street Journal. He assumed his present position in 1980.

Carr is active in several professional organizations. He serves as vice president of the New York Chapter of the Business/Professional Advertising Association (B/PAA) which earlier this year named him Publishing Executive of the Year. As the association's vice president of student development and a director of International B/PAA, he administers an international scholarship program.

A Stamford, Conn., resident, Carr is also a member of the New York Advertising Club and the American Advertising Federation (AAF). He has completed the AAF Marketing Course at Harvard Business School and in 1982 was designated a Certified Business Communicator by the B/PAA.



The 1983 outstanding alumni will receive plaques with identical ones permanently displayed in the Texas Tech Mass Communications Building.

Recipients were selected by a five-member committee representing the students, faculty, the alumni councils and the advisory committee. Nominees must have graduated from Texas Tech at least 10 years before being nominated and are eligible as a result of their achievements in mass communications.



caption-----

4-8-23-83

EXPERIMENTAL PLANTING--Mature white Mexican corn, grown at a Texas Tech University farm dwarfs Tom Hlavaty, Texas Tech farm superintendent. The corn, grown for silage, gives a high yield. (TECH PHOTO)



caption-----

5-8-23-83

MEASURING UP--Large ears of white kernels are a benefit of a corn variety which has been grown successfully near Mexico City and now at Texas Tech University. (TECH PHOTO)



**Texas Tech University**  
University News & Publications  
BOX 4650/LUBBOCK, TEXAS 79409/(806) 742-2136

# Radio & Television New Service

CONTACT: Mary Jo Cowdin

6-8-24-83

## NATIONAL GOLDEN SPUR WEEKEND PSA'S

START: ASAP  
KILL: 9/15/83

NATIONAL GOLDEN SPUR WEEKEND, SEPTEMBER 15TH THROUGH 17TH AT THE RANCHING HERITAGE CENTER IS FLAVORED WITH WESTERN FOOD, FUN AND ART. FREE EVENTS INCLUDE LIVESTOCK DAY, RANCH DAY AND A NATIONAL EXHIBIT AND SALE OF WESTERN ART. FOR FURTHER INFORMATION CALL 742-2498.

##

START: ASAP  
KILL: 9/15/83

A PRO-AM LIVESTOCK JUDGING CONTEST, BEEF JERKY-MAKING DEMONSTRATION AND A STYLE SHOW HIGHLIGHT LIVESTOCK DAY, SEPTEMBER 16TH AT THE RANCHING HERITAGE CENTER OF THE MUSEUM OF TEXAS TECH. MAKE PLANS TO ATTEND.

##



**Texas Tech University**  
University News & Publications  
BOX 4650/LUBBOCK, TEXAS 79409/(806) 742-2136

**Radio &  
Television  
New Service**

CONTACT: Mary Jo Cowdin

7-8-24-83

NATIONAL GOLDEN SPUR WEEKEND PSA'S

START: ASAP  
KILL: 9/15/83

NATIONAL GOLDEN SPUR WEEKEND IS SEPTEMBER 15TH THROUGH 17TH. JOIN THE TRIBUTE TO OUR RANCHING HERITAGE WITH A SALUTE TO THIS YEAR'S AWARD WINNER, SEPTEMBER 16TH AT THE LUBBOCK CONVENTION CENTER. FOR TICKET INFORMATION CALL 742-2498.

##

START: ASAP  
KILL: 9/16/83

A DAY OF OLD-FASHIONED FUN FOR THE ENTIRE FAMILY IS COMING SATURDAY, SEPTEMBER 17TH, AT THE RANCHING HERITAGE CENTER. FOLK DANCING, RANCH CRAFTS AND HAYRIDES HIGHLIGHT FREE PUBLIC FESTIVITIES FOR THE 14TH ANNUAL RANCH DAY. FOR INFORMATION AND LUNCH TICKETS CALL 742-2498.

##

**Texas Tech University**  
University News & Publications  
BOX 4650/LUBBOCK, TEXAS 79409/(806) 742-2136

**Radio &  
Television  
New Service**

CONTACT: Mary Jo Cowdin

8-8-24-83

CORDRY COLLECTION PSA

START: ASAP  
RUNS: TFN

A RARE COLLECTION OF MEXICAN INDIAN COSTUMES AND PICTURES IS NOW ON  
DISPLAY AT THE MUSEUM OF TEXAS TECH. THIRTY YEARS OF ANTHROPOLOGICAL  
RESEARCH REVEALS CHANGING TRADITIONS IN THE MEXICAN INDIAN CULTURES.  
THE MUSEUM IS OPEN DAILY FOR FREE PUBLIC TOURS.

##



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS/P.O. BOX 4650/TEXAS TECH UNIVERSITY/LUBBOCK, TEXAS 79409/(806) 742-2136

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897  
Preston Lewis, Manager, News Bureau, (806) 745-1718  
Dave Clark, Asst. Mgr., Electronics, (806) 793-9711

WRITTEN ESPECIALLY FOR THE UNIVERSITY DAILY

8/27/83

Texas Tech University has broken the 24,000 level in registration, but fewer students have paid tuition and fees necessary to validate their registrations.

When offices closed Friday, the figures were 24,003 registered and 23,972 paid, according to Dr. Robert H. Ewalt, vice president for student affairs.

Until Thursday, Sept. 14, at 4 p.m. the late registering students can pay a \$15 late registration fee and an escalating late payment fee of \$5 per day to make their registration valid. But after that date fees go up to \$90 for late registration and late payment plus a \$70 per credit hour charge plus regular tuition and fees.

Monday, students paying fees will be charged an additional \$15 late registration fee plus \$60 for late registration plus tuition and regular fees. Tuesday the late charges are \$15 for late registration and \$65 for late payment for a total of \$80. Wednesday, the 12th class day, the fees are \$15 and \$70 for a total of \$85, and Thursday, the total late registration and late payment fees come to \$90. ~~pl~~ hereafter, late registering students will pay the \$90 plus \$70 per credit hour.

For example, after that date, a student taking 15 credit hours and paying late will be charged \$1,140 on top of regular tuition and fees. That \$1,140 includes the \$15 late registration and \$75 late payment fees and \$1,050 for the 15 credit hours.

-more-

REGISTRATION FOR UNIVERSITY DAILY/ADD ONE

The Board of Regents, at its Aug. 5 meeting, initiated the \$70 per credit hour charge so that students can enroll after the 12th class day and yet compensate the university for loss of state funding that would occur after that date.

The state, through the Coordinating Board, Texas College and University System, determines state funding on the basis of the 12th class day enrollment figure. No student registered after the 12th class day can be counted in the state funding allotment.



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS/P.O. BOX 4650/TEXAS TECH UNIVERSITY/LUBBOCK, TEXAS 79409/(806) 742-2136

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897  
Preston Lewis, Manager, News Bureau, (806) 745-1718  
Dave Clark, Asst. Mgr., Electronics, (806) 793-9711

CONTACT: Rosemary West

9-8-24-83

ATTENTION: Agriculture Editors

LUBBOCK--A computer may have already found a home down on the farm.

Texas Tech agricultural economist Dr. Billy G. Freeman says computers could some day be as common as a tractor and just as well-suited to the farm operation as any piece of machinery.

"The decision to buy a computer should be approached much the same as the purchase of a new combine or a new cotton stripper," Freeman said. "If that machine won't enhance the business profits, it shouldn't be bought."

Computer proficiency is becoming a valuable skill in farming, ranching and agribusiness, he said.

Freeman supervises the microcomputer laboratory in Texas Tech's College of Agricultural Sciences. He explained today's agriculture students are getting valuable experience with computers.

"Students need these skills to function in a modern agricultural world. More and more potential employers want to know about students' computer skills. Those who are going into farming and ranching need to know how to operate a computer as well," Freeman said.

Students gain computer experience in courses such as Mechanized Agriculture, a sophomore level course which introduces students to computers. In agricultural economics courses such as Farm and Ranch Management, computers help students solve agricultural management problems.

-more-



"In the past few years, some of the best hours spent on the farm or ranch, or in agribusiness, have been those spent in record-keeping and analysis. In the future there's no doubt this activity will pay tremendous dividends," Freeman said.

The farm or ranch is a high risk enterprise, said Freeman. Managers must keep good records, analyze them thoroughly and base decisions on this analysis.

"Computers offer the farmer or rancher information storage and analysis speed," Freeman said.

The tax benefits for buying a computer--generally in the \$2,000-\$3,000 range--are the same as for any piece of farm machinery, Freeman said.

"One basic understanding is needed," Freeman said. "The computer doesn't do any thinking. All thinking is directed by a set of instructions, called a program or software package."

Freeman said that a great deal of software is available to help the farmer or rancher in business. Software varies from a general accounting package to specific programs aimed at particular crop or livestock options.

Software is available from commercial sources and, in some cases, from the Agricultural Extension Service.

One of the numerous uses of the computer on the farm, he said, is to record production costs and production receipts to see a profit picture.

Another, so important with high interest rates and large capital requirements, is cash-flow budgeting, Freeman said. A look at when credit is needed and for how long can help the farm manager time capital investments.



"It is also an excellent tool for data retrieval. Farmers and ranchers can subscribe to a market information service, which will give up-to-the minute market reports. The fee is a nominal subscription and the cost of a long-distance telephone call," Freeman said.

Still another computer use might be in word processing for letters and announcements to be sent to a standardized mailing list, he said. This, for example, could be helpful to the livestock breeder who wishes to announce cattle sales or the farmer and rancher active in agricultural organizations.

caption-----

10-8-24-83

COMPUTER TRAINING IN AGRICULTURE--Two Texas Tech University students in the College of Agriculture use a microcomputer to figure irrigation costs in relation to profits. They are Becky Lewis, a senior agricultural economics major from Azle, and Carl Igo, an agricultural education graduate student from Eldorado.

(TECH PHOTO)



caption-----

10-8-24-83

COMPUTER TRAINING IN AGRICULTURE--Two Texas Tech University students in the College of Agriculture use a microcomputer to figure irrigation costs in relation to profits. They are Becky Lewis, a senior agricultural economics major from Azle, and Carl Igo, an agricultural education graduate student from Eldorado.

(TECH PHOTO)

REGISTRATION/FALL  
8/24/ 83  
D. Clark  
11-8-25-83

IF YOU'VE NOTICED AN INCREASE OF TRAFFIC ON LUBBOCK STREETS, IT COULD BE BECAUSE TEXAS TECH STUDENTS ARE ARRIVING BACK IN TOWN. DAVE CLARK HAS MORE.

UP UNTIL THE OFFICIAL START OF TEXAS TECH UNIVERSITY'S 1983 FALL SEMESTER WEDNESDAY, 21,755 STUDENT HAD REGISTERED THROUGH THE NEW COMPUTER REGISTRATION PROCEDURE. TECH OFFICIALS EXPECT THAT FIGURE WILL CLIMB TOWARD LAST YEAR'S FALL ENROLLMENT OF 22,849. STUDENTS HAVE THROUGH FRIDAY TO SIGN-UP ~~FOR CLASSES~~ WITHOUT PAYING A LATE FEE. CLASSES BEGIN MONDAY MORNING. THIS IS DAVE CLARK REPORTING.



REGENTS MEET IN ODESSA  
8/24/83  
D. Clark  
12-8-25-83

TEXAS TECH UNIVERSITY REGENTS MEET THURSDAY IN ODESSA TO DISCUSS PLANNING AND  
CONSTRUCTION OF THE PERMIAN BASIN REGIONAL ACADEMIC HEALTH CENTER. THE CITY  
TO  
OF ODESSA AND ECTOR COUNTY HAVE PRESENTED/THE INSTITUTION 6.2 ACRES OF LAND  
ADJACENT TO MEDICAL CENTER HOSPITAL FOR CONSTRUCTION OF A FACILITY TO HOUSE  
THE PERMIAN BASIN RAHC. THOUGH NO CONSTRUCTION FUNDS HAVE BEEN ALLOCATED SPECIFICALLY  
BY THE LEGISLATURE, REGENTS HAVE BEEN AUTHORIZED TO DESIGNATE MONEY FROM OTHER  
UNIVERSITY FUNDS. THE PERMIAN BASIN RAHC IS ONE OF FOUR DIRECTED BY TEXAS  
TECH UNIVERSITY HEALTH SCIENCES CENTER. THE OTHERS ARE LOCATED IN EL PASO,  
AMARILLO, AND LUBBOCK. THIS IS DAVE CLARK AT TEXAS TECH UNIVERSITY IN LUBBOCK.

Hold for Release until BTZ phones on 8/25/83

X List -  
Drugs to A & U

CONTACT: B. Zeeck

ODESSA -- Texas Tech regents Thursday (Aug. 25) allocated \$2.5 / million in construction funds for building Phase I of a Permian Basin Regional Academic Health Center. They also awarded a \$2.2 million contract to Mericon International Inc. for construction of a new feedmill to serve agricultural teaching and research laboratories.

The regents met at Medical Center Hospital in Odessa, site of the Permian Basin RAHC which will serve the Odessa-Midland-Big Spring area.

Insert

In other action, ~~Regents~~ awarded Anthony Mechanical Inc. of Lubbock a contract to purchase and install a water chiller in Heating and Cooling Plant No. 2 -- serving Lubbock General Hospital and the health sciences center -- at a cost of \$1,460,000, a chilled water pump at \$34,000 and a condensing water pump at \$44,800. James R. Godbe Co. of Dallas was awarded a contract to build a cooling tower exterior structure for \$352,195.

In action regarding additions to the Texas Tech feedmill, regents increased the total project budget to \$2,527,390<sup>000</sup>, from an earlier budget of \$2,450,000.

The total feedmill/feedlot expansion program at the agricultural field laboratories is in excess of \$3.2 million and completion of the project will bring facilities to premier status in the nation for teaching and research in livestock nutrition.

~~The project budget increase of about \$200,000 will come from Thornton endowment funds. Additional funds may be allocated at a later date to complete the total project.~~

★



REGENTS/ADD TWO

Funds for the Permian Basin RAHC will allow for a 5,000 square foot library, a 250-seat auditorium-lecture hall, general office space, conference rooms, support space and public areas, site development and parking.

While no construction funds for the Odessa facility were appropriated by the Legislature, a provision in the most recent appropriation bill gave regents authority to designate construction dollars for such a facility from other appropriated TTUHSC construction funds.

Regents had high praise for State Sen. John Montford of Lubbock and Rep. Jay Gibson of Odessa for their efforts on behalf of Texas Tech University and the Texas Tech University Health Sciences Center. Both legislators attended the regents' meeting.

The regents also praised the City of Odessa where residents have raised in excess of \$325,000 to help initiate activity in the Permian Basin RAHC.

Richard E. Barry, M.D., newly appointed associate dean for medicine and assistant to the vice president for the health sciences center, was introduced. He will be the chief administrator for the Permian Basin RAHC.



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS/P.O. BOX 4650/TEXAS TECH UNIVERSITY/LUBBOCK, TEXAS 79409/(806) 742-2136

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897  
Preston Lewis, Manager, News Bureau, (806) 745-1718  
Dave Clark, Asst. Mgr., Electronics, (806) 793-9711

CONTACT: Teresa Edwards/Preston Lewis

13-8-25-83

LUBBOCK--Computers, personal and professional development, writing and physical fitness are just some of the courses offered this fall at Texas Tech University through the Division of Continuing Education.

Participants in Basic Photography learn how to use a 35mm camera for shooting quality pictures as a hobby or profession. First session will meet 6:30-9:30 p.m. Mondays and Thursdays, Aug. 29 through Sept. 12. The second session will meet 6:30-9:30 p.m. Thursdays for five weeks, beginning Sept. 15. Fee for each session is \$45. Classes will meet in Room 120, Mass Communications Building.

Heritage of Music will meet 7-10 p.m. Thursdays, Sept. 1 through Dec. 15, in Room M01, Music Building. The class will enhance participants' enjoyment of concerts, recitals, operas and classical music recordings and may be taken for college credit. Cost is \$90.

Designed for beginning and experienced writers, Creative Writing focuses on fiction and poetry while emphasizing literary techniques and individual creativity. Class will meet 6:30-9 p.m. for eight Tuesdays beginning Sept. 6 in Room 107, McClellan Hall-Continuing Education. Fee is \$39.

Kindergarten through high school students can explore their theatrical creativity in the Young Actors Workshop. Auditions are 4-6 p.m. Aug. 31 through Sept. 2 and 10 a.m. to noon Sept. 3. Classes will meet 4:15-5:45 p.m. weekdays and 9-11 a.m. Saturdays, Sept. 6 through Oct. 31. Cost is \$85.



Commercial and Industrial Roofing Technology will meet 7:30-9 p.m. Thursdays, Sept. 8 through Nov. 10, in Room 1, Architecture Building. This class will help roofing contractors, architects, engineers and other building professionals specify and install properly-prepared commercial and industrial built-up roofs. College credit may be earned. Fee is \$50.

Several computer classes will begin in September, including beginning and intermediate classes for 9-15-year-old children and adult classes in BASIC Programming, Electronic Spreadsheets and Introduction to Computers.

Introduction to TAI CHIH (Shadow Boxing) is a fitness program for reducing stress, controlling weight and developing a stronger, fitter physique. Beginning Sept. 6, class will meet for seven weeks at 7-8:30 p.m. Tuesdays and Thursdays. Cost is \$50.

Legal Research for Non-Lawyers will meet 7-9 p.m. Tuesdays, Sept. 13 through Oct. 18, in Room 202, Law Building. This course is for legal and paralegal secretaries and people interested in legal research or the legal secretarial profession. Fee is \$150.

Adjustment and Identity after Divorce (AID) and Eliminating Self-Defeating Behavior (ESDB) are two personal development courses offered this fall. AID will meet 6-10 p.m. Friday, Sept. 16, and 9 a.m. to 10 p.m. Saturday, Sept. 17, in Room 222, West Hall. Fee is \$40. ESDB meets 8:30 a.m. to 5 p.m. Friday, Sept. 23 and 1-6 p.m. Friday, Sept. 24 and Oct. 1, in Room 201, McClellan Hall-Continuing Education. Cost is \$50.

The Adult Learner meets 8:30 a.m. to noon Saturdays, beginning Sept. 17, in Room 206, McClellan Hall-Continuing Education. The five-week workshop analyzes the basic principles of adult education and adult learning. Fee is \$70.



The Aerobic Fitness Clinical Workshop will acquaint exercise instructors with concepts of aerobics, anatomy, nutrition, testing and kinesiology. Workshop sessions will be 8 a.m. to 5 p.m. Saturday, Sept. 17, and 9 a.m. to 3 p.m. Sunday, Sept. 18, in the Women's Gym. Fee is \$75.

Medical Terminology meets 7-8:30 p.m. Mondays and Wednesdays, Sept. 19 through Oct. 17, in Room 5B200, Texas Tech Health Sciences Center. Fee for the introductory course is \$48.

Church and service organization leaders can learn techniques and skills for program building in a class that will meet 6:30-9 p.m. Tuesdays, Sept. 20 through Oct. 25, in Room 230, Home Economics Complex. Fee for Program Building for Service Organizations is \$70.

Learn to make a dry dinner wine during the Basic Winemaking Laboratory Sept. 23-24. The hands-on class will meet 6:30-9:30 p.m. Friday and 9 a.m. to 5 p.m. Saturday in Room 409, Chemistry Building. Cost is \$45.

A review for the Graduate Management Admission Test (GMAT) will be 6:30-9:30 p.m. Mondays and Wednesdays, Sept. 26 through Oct. 12 in Room 206, McClellan Hall-Continuing Education. The \$67 fee includes three workbooks.

Defensive Driving, a course certified by the Department of Public Safety, will meet 7-9 p.m. Tuesdays and Thursdays, Sept. 27 through Oct. 6, in Room 201, McClellan Hall-Continuing Education. Fee is \$20.

For more information on these and other continuing education classes, contact the Division, Box 4110, Texas Tech University, Lubbock, Texas 79409, (806) 742-2354.



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS/P.O. BOX 4650/TEXAS TECH UNIVERSITY/LUBBOCK, TEXAS 79409/(806) 742-2136

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897  
Preston Lewis, Manager, News Bureau, (806) 745-1718  
Dave Clark, Asst. Mgr., Electronics, (806) 793-9711

CONTACT: Teresa Edwards/Preston Lewis

14-8-25-83

LUBBOCK--Seven conversational foreign language courses will begin in September at Texas Tech University.

French I, a beginning course, will meet 7-9:30 p.m. Thursdays, Sept. 1 through Oct. 20, in Room 115, Foreign Language Building (FLB). Fee is \$55.

Beginning German will meet 7-9 p.m. for eight Tuesdays, beginning Sept. 20, in Room 101, FLB. Cost is \$50.

Conversational Portugese introduces the language spoken in Brazil. Classes will meet 7-9:30 p.m. Tuesdays, Sept. 13 through Nov. 1, in Room 117, FLB. Fee is \$55.

Two levels of Spanish will be offered 7-9:30 p.m. in Room 104, FLB. Spanish I will meet Thursdays, Sept. 15 through Nov. 3. Spanish II will meet Tuesdays, Sept. 13 through Nov. 1. Fee for each class is \$55.

Health professionals with little or no experience with Spanish can learn practical skills and vocabulary for using the language in medical settings. Medical Spanish will meet 7-9 p.m. Tuesdays Sept. 13 through Nov. 15, in Room 107, FLB. Fee is \$95. This 10-week course is approved for continuing medical education credit hours.

English for Dependents of Foreign Students is an eight-week course providing spouses of international Texas Tech students an opportunity to improve their oral English skills. Course dates and hours are arranged. Cost is \$50. For more information, contact Dr. Rosslyn Smith, Department of Classical and Romance Languages, (806) 742-1563.

To register for these continuing education calsses, contact the Division, Box 4110, Texas Tech University, Lubbock, Texas 79409, (806) 742-2354.



PROBLEM KIDS  
8/24/83  
Mary Jo Cowdin  
15-8-25-83

Jim Maddux, Psychologist  
PCIT

AGRESSIVE, NON-COMPLIANT CHILDREN CAN CAUSE MUCH FRUSTRATION FOR PARENTS. BUT, AS MARY JO COWDIN REPORTS, HELP IS AVAILABLE...

IT'S CALLED PARENT-CHILD INTERACTION TRAINING, A COMMUNITY OUTREACH PROGRAM OF TEXAS TECH'S DEPARTMENT OF PSYCHOLOGY. THE GOAL IS TO AID PARENTS IN DEALING WITH THEIR PROBLEM CHILDREN. PSYCHOLOGIST JIM MADDUX SAYS:

(P-C-I-T IS A VERY STRUCTURED, VERY SKILLS-ORIENTED PROGRAM IN WHICH THE PARENTS ARE TAUGHT NEW WAYS OF INTERACTING WITH THEIR KIDS, NEW WAYS OF BEHAVING TOWARDS THEIR KIDS.)

MADDUX SAYS THE PROGRAM WORKS ON THE ASSUMPTION THAT BEHAVIOR IS LEARNED AND CAN BE UNLEARNED. THE KEY IS COMMUNICATION. PARENTS MUST MAKE SURE THE CHILD KNOWS EXACTLY WHAT IS EXPECTED:

(TO A 4-YEAR OLD, CLEAN YOUR ROOM CAN MEAN ONE THING OR A THOUSAND THINGS. WHAT THE PARENT NEEDS TO DO IS SAY, 'I WANT YOU TO PICK YOUR SOCKS UP AND PUT THEM IN THE DRAWER, PUT YOUR SHOES IN THE CLOSET,' VERY SPECIFIC THINGS.)

THE FREE, 10 TO 14 WEEK-LONG TRAINING PROGRAM REQUIRES ONE HOUR OF CLINIC TIME A WEEK, AND 10-MINUTE DAILY PRACTICE SESSIONS AT HOME. FOR FURTHER INFORMATION, OR TO MAKE AN APPOINTMENT, CALL THE PARENT SKILLS PROGRAM AT 742-3736. I'M MARY JO COWDIN.

##

runs; 1:04

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS/P.O. BOX 4650/TEXAS TECH UNIVERSITY/LUBBOCK, TEXAS 79409/(806) 742-2136

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897  
Preston Lewis, Manager, News Bureau, (806) 745-1718  
Dave Clark, Asst. Mgr., Electronics, (806) 793-9711

CONTACT: B. Zeeck

16-8-25-83

ODESSA--Texas Tech regents Thursday (Aug. 25) allocated \$2.5 million in construction funds for building Phase I of a Permian Basin Regional Academic Health Center. They also awarded a \$2.2 million contract to Mericon International Inc. for construction of a new feedmill to serve agricultural teaching and research laboratories.

The regents met at Medical Center Hospital in Odessa, site of the Permian Basin RAHC which will serve the Odessa-Midland-Big Spring area.

Regents had high praise for State Sen. John Montford of Lubbock and Rep. Jay Gibson of Odessa for their efforts on behalf of Texas Tech University and the Texas Tech University Health Sciences Center. Both legislators attended the regents' meeting.

The regents also praised the City of Odessa where residents have raised in excess of \$325,000 to help initiate activity in the Permian Basin RAHC.

Richard E. Barry, M.D., newly appointed associate dean for medicine and assistant to the vice president for the health sciences center, was introduced. He will be the chief administrator for the Permian Basin RAHC.

-more-



In other action, regents awarded Anthony Mechanical Inc. of Lubbock a contract to purchase and install a water chiller in Heating and Cooling Plant No. 2 -- serving Lubbock General Hospital and the health sciences center -- at a cost of \$1,460,000, a chilled water pump at \$34,000 and a condensing water pump at \$44,800. James R. Godbe Co. of Dallas was awarded a contract to build a cooling tower exterior structure for \$352,195.

In action regarding additions to the Texas Tech feedmill, regents increased the total project budget to \$2,527,000, from an earlier budget of \$2,450,000.

The total feedmill/feedlot expansion program at the agricultural field laboratories is in excess of \$3.2 million and completion of the project will bring facilities to premier status in the nation for teaching and research in livestock nutrition.

Funds for the Permian Basin RAHC will allow for a 5,000 square foot library, a 250-seat auditorium-lecture hall, general office space, conference rooms, support space and public areas, site development and parking.

While no construction funds for the Odessa facility were appropriated by the Legislature, a provision in the most recent appropriation bill gave regents authority to designate construction dollars for such a facility from other appropriated TTUHSC construction funds.



Story leads for week  
of August 28-September 3, 1983  
20-8-26-83

**Texas Tech University**  
University News & Publications  
BOX 4650/LUBBOCK, TEXAS 79409/(806) 742-2136

# Radio & Television New Service

**GIVE "PIK" A CHANCE**--Payment-in-kind has been one of the more controversial farm programs of late, but it's also been one of the most beneficial. That's the assessment of Texas Tech ag economist Billy G. Freeman. "I don't see any better alternative (to solving the surplus dilemma), and I surely hope PIK isn't abandoned before it has had time to work." What about critics who call the program too costly? Freeman says the final tab is negligible when you stop to consider the disaster that could have struck rural America without PIK. For details, contact Freeman at 742-2821.

**TAXING EXPERIENCE**--Filling out a 1040 tax form is an annual nightmare for many. But it needn't be, according to a Texas Tech tax expert. Lawrence C. Phillips says the answer lies in simplification. "Our incredibly complex tax system is a direct reflection of our complex economic and social structure in the United States." Phillips, a nationally known tax reform advocate, cites compliance, simplification and inflation adjustments as the areas most in need of attention. What improvements does he suggest? Contact Phillips at 742-1542.

**RIGHTS IN CONFLICT**--The lawful prerogative of mineral rights owners to develop their holdings as they like is being threatened in some parts of Texas by an unlikely opponent -- other mineral rights owners. The conflict arises between owners of oil and gas rights and those who own title to surface minerals, such as lignite and uranium. At issue are the differing technologies of harvesting where both resources exist. Texas Tech law professor Bruce M. Kramer has prepared a possible legal remedy for the situation. Contact him at 742-3684.

**BACK TO THE BOOKS**--The 1983 fall semester gets underway Monday (Aug. 29) for about 23,000 Texas Tech students. Though regular registration ended Friday (Aug. 26), students who pay a late fee will be able to enroll through September 14.

For assistance in developing these and other story ideas, contact Dave Clark, UN&P, at 742-2136.



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS/P.O. BOX 4650/TEXAS TECH UNIVERSITY/LUBBOCK, TEXAS 79409/(806) 742-2136

CONTACT: Cheryl Duke

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897  
Preston Lewis, Manager, News Bureau, (806) 745-1718  
Dave Clark, Asst. Mgr., Electronics, (806) 793-9711

21-8-26-83

LUBBOCK--The annual Prairie Party of the National Golden Spur Award Weekend Sept. 15-17 at Texas Tech University will bring together leaders of America's livestock industry to recognize a South Texas Rancher.

About 1,500 people will honor John B. Armstrong with the coveted National Golden Spur Award, a Steuben-design that incorporates a gilded OK spur encased in crystal. The award recognizes lifetime contributions to the ranching and livestock industries.

A slide show will chart Armstrong's achievements from his youth on the Armstrong ranch to his positions as managing partner of the John B. Armstrong Ranch near Kingsville and as director and executive vice president of the King Ranch Inc.

The show was prepared by Jay Nixon of The Outfit, Arlington, and narrated by Frates Seeligson of San Antonio, president of the Texas and Southwestern Cattle Raisers Association.

Trick-roping by Sonna Warvell, "Miss Lubbock," and the presentation of awards for the National Western Artists Show and Sale will be other party highlights.

The party will begin at 7:30 p.m. Friday, Sept. 16, in Lubbock Memorial Civic Center. Tickets are \$25 and include a preview of the art show, 1-7:30 p.m. and 9:30 p.m. to midnight Friday. For single or group reservations or information, contact the Ranching Heritage Association, P.O. Box 4499, Lubbock, Texas 79409 or (806) 742-2498, by noon Sept. 15.

-more-



A dance, featuring music by Rick Sudduth and the Triple C Express, will follow the party. The Prairie Party is one of the events of the National Golden Spur Weekend, centered at the Ranching Heritage Center of The Museum of Texas Tech. Other features are a Livestock Day, Friday, Sept. 16, and a Ranch Day, Saturday, Sept. 17, at the center.

Bob Nash, president and general manager of KAMC-TV, will be emcee for the Prairie Party. The Golden Spur Award will be presented by Harold P. (Bo) Brown Jr., chairman of the Ranching Heritage Association, and Dr. Lauro F. Cavazos, Texas Tech President.

Armstrong will be the sixth to receive the National Golden Spur Award. He operates the John B. Armstrong Ranch with his partner and wife, the former Henrietta Larkin, great-granddaughter of Capt. Richard King who founded the King Ranch.

As executive vice president of the King Ranch, Armstrong oversees the ranch's domestic operations in Mississippi, Kentucky, Pennsylvania and Florida. He is also in charge of cattle, horse and sheep operations for King Ranch holdings in Spain, Morocco, Argentina, Brazil, Venezuela and Australia.

Former Golden Spur winners J. Ernest Browning, Willcox, Ariz., 1982; Watt R. Matthews, Albany, Texas, 1981; and Fred H. Dressler, Gardnerville, Nev., 1980, will be recognized at the party. Other previous winners are the late Jay Littleton Taylor, Amarillo, 1979, and the late Albert K. Mitchell of Albert, N.M., 1978.

Alvin Davis, executive vice president of the Ranching Heritage Association, will present gold, silver and bronze awards for best oil, watercolor, drawing, sculpture and mixed media entries in the art show. A best of show award and the first honorary membership to the National Western Artists Association will be given.



Davis said the membership and a bronze sculpture by Terrell O'Brien of Lamesa will be given to Western Horseman magazine, a publication which has continuously supported Western art. The Colorado magazine has been a leading horse publication since 1936 and since the 1940s has regularly featured Western art on its cover and in its pages.

In the 1970s, the magazine started a monthly feature on Western art. Editor Chan Bergen will accept the award.

Warvell will present rope tricks similar to those made famous by Will Rogers. She has accomplished the "Texas Skip," a trick very few women are able to perform.

She has done trick riding and roping since she was three years old, appearing at Madison Square Garden in New York City, the Cow Palace in San Francisco and, in Los Angeles, at the Sport Center. She also has appeared in Canada, Mexico, Puerto Rico, England and Japan.

At the 1983 Miss Texas Pageant in July, Warvell did trick roping for the talent competition and was a preliminary talent winner. She was fourth runner-up for the Miss Texas title.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS/P.O. BOX 4650/TEXAS TECH UNIVERSITY/LUBBOCK, TEXAS 79409/(806) 742-2136

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897  
Preston Lewis, Manager, News Bureau, (806) 745-1718  
Dave Clark, Asst. Mgr., Electronics, (806) 793-9711

CONTACT: Preston Lewis

22-8-26-83

LUBBOCK--In its wake Hurricane Alicia not only left plenty of debris to be cleaned up, but also numerous engineering questions to be cleared up.

Answering why buildings and other structures failed to withstand the hurricane could eventually lead to improved design and reduced damage in future storms, says Texas Tech University civil engineering Professor H. Scott Norville.

Norville, after a five-day inspection of the Houston-Galveston area, said his observations suggest three major factors contributed significantly to the extensive damage from Alicia, perhaps the most expensive storm in U.S. history.

"Windblown debris, inadequate building design and construction--especially insufficient vertical reinforcement in small concrete masonry buildings, and structural deterioration may have magnified the damage from the storm," he said.

Norville was one of two Texas Tech faculty members from the university's Institute for Disaster Research to inspect and photograph storm damage for extensive analysis later.

His initial findings, though, indicate that the design and maintenance of a structure are important in its ability to withstand high winds.

For instance, a group of six skyscrapers in downtown Houston received national media attention because of extensive exterior glass breakage. Norville said his observations suggest the damage was not caused by a failure of the glass to withstand the winds, but by windblown debris striking the glass.



"The extensive glass breakage in downtown Houston was concentrated in a very well-defined area," Norville said. "The debris or missiles, as we call them, that did the damage may have come from the roofs of adjacent buildings and the surrounding area."

Norville said rooftop structures which house elevator or heating and air conditioning equipment may have been broken up by the wind, taking chunks of composite roof and slamming them into neighboring buildings. In addition, pea-sized gravel used on flat roofs can damage windows when carried by high winds.

Designing stronger rooftop structures, though more costly initially, can be more economical in the long run, he said.

Incorporating additional vertical reinforcement in the walls of masonry structures would help reduce many of the types of building failures Norville saw in Galveston.

In some instances, Norville said, a window might break from the strong wind or missile impact; then the intrushing wind would exert enough pressure on the ceiling to lift the roof off the structure. Without the roof to strengthen the walls at the top, the walls would then collapse from the winds.

Another factor in several structural failures was deterioration, Norville said. Nearly all the downed signs he observed showed evidence of rust, either in the supporting frame or the anchor bolts which held the frame to its foundation. In many instances, damaged buildings had wood frames weakened from rotting.

"Understanding these factors can help us design structures for high winds, particularly in coastal areas," Norville said. "With time such knowledge could be incorporated in building codes in hurricane-prone areas and help increase the durability of buildings and the safety of their inhabitants."

For more than a decade, Texas Tech's Institute for Disaster Research has done extensive research on the impact of strong winds on structures and building materials. The institute was established in 1970 after a tornado struck Lubbock. Since then its findings have been considered in standard building code revisions and in modifying tornado precautionary instructions published by the National Weather Service.



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897

Preston Lewis, Manager, News Bureau, (806) 745-1718

Dave Clark, Asst. Mgr., Electronics, (806) 793-9711

23-8-26-83

(EDITOR'S ADVISORY: Coverage tickets for the National Golden Spur Award Weekend Sept. 15-17 will be available through University News and Publications. Tickets will be issued working members of the media for meals during the National Golden Spur Award and Prairie Party, Livestock Day, Ranch Day and the Meet-the Artist Barbecue. Please contact Bea Zeeck, Preston Lewis or Dave Clark with your ticket needs at your earliest convenience. The number is (806) 742-2136.)

24-8-26-83

caption-----

LIGHTS OUT--More than the winds of Hurricane Alicia contributed to the toppling of this light pole at a Galveston service station. Closer inspection reveals that the base of the steel pole was severely rusted, a typical problem with many coastal structures. The deterioration from rust weakened the steel pole, leaving it vulnerable to the winds in excess of 100 miles per hour which struck Galveston Island during Alicia.



25-896-83

Up until the official start of Texas Tech University's 1983 fall semester Wednesday, 21,755 students had registered through the new computer registration procedure. An estimate of the fall total will be made about 4 p.m. Friday, the last day of regular registration. No other figures will be released until after the 12th class day, the official reporting date. Should a record enrollment appear assured, media will be notified at the earliest possible time, even if it is before the 12th class day.