



Story ideas for the week of  
June 4-8, 1984  
1-6-4-84

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

# Radio & Television New Service

**WATER, WATER**--More than 50 scientists, economists and water professionals will present technical papers on diverse topics covering the Ogallala Aquifer during the Ogallala Symposium II Tuesday and Wednesday in Lubbock Memorial Civic Center. Featured speakers will include Gene Hinds, Amarillo regional director for the U.S. Bureau of Reclamation. The Ogallala Aquifer, a vast underground water supply stretching from South Dakota to Texas, undergirds much of the agricultural production on the Great Plains. For more information, contact Dr. Robert M. Sweazy, director of the Water Resources Center, 742-3597.

**LUBBOCK LAKE SITE**--Regular Saturday tours, from 9 to 12 a.m. will continue through Aug. 11. These are free to the public. The 1984 dig has begun and will continue through July 28. To make arrangements for coverage please call 762-9773.

**SUMMER SESSION**--The first summer term will begin Monday (June 4) with the opening of residence halls. Classes will begin Wednesday and will run through July 11. Final examinations are scheduled July 12-13.

**INTERNATIONAL AGRICULTURE**--Texas Tech's Department of Agricultural Economics will sponsor its second international short course on "Strategies for Developing the Agricultural Sector" June 5-July 14. Students from Central and South America and the Asian and African countries are expected to attend. For more information and to arrange interviews, contact Department Chairman Kary Mathis, 742-2821.

For assistance in developing these and other story ideas, contact Preston Lewis/Christy Bingham, University News & Publications, 742-2136.

CONTACT: B. Zeeck

2-6-4-84

LUBBOCK--Lubbock Mayor Alan Henry will be guest of honor Wednesday, (June 6) at an Older Americans Day luncheon sponsored by the Retired Senior Volunteer Program to be held in recognition of work done by RSVP volunteers.

Henry will proclaim June 6 as Older Americans Day in Lubbock by virtue of the seniors' "life experiences, wisdom and support of younger persons."

The luncheon is a dutch-treat affair, beginning at 11:30 a.m. at the Western Sizzlin' restaurant, 83rd and Indiana.

The Lubbock RSVP is sponsored by the Texas Tech University College of Home Economics. Persons who want to participate can call 742-2423 by June 5 for information.

CONTACT: Clifford Cain

3-6-4-84

LUBBOCK--The Texas Tech University Area of Accounting has awarded more than \$70,000 worth of scholarships to 70 of its students.

More than 35 companies and service organizations contributed to the scholarship funds and awards.

The scholarships were presented this spring during the annual recognition banquet.

Recipients and their scholarships were:

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4-6-4-84

NEW ENTRANCE--A ranch gate and drive leading to the Ranching Heritage Center of The Museum of Texas Tech University has been dedicated in memory of the late Panhandle rancher Joe T. Sneed Jr. Funding for the gate was provided by Mrs. Elizabeth Robinett, Sneed's daughter. Attending the ceremonies at the gate are, from left, Mrs. Robinett and her son, Joe Pool, both of Amarillo.  
(TECH PHOTO)

CONTACT: Cheryl Duke

5-6-5-84

LUBBOCK--The Achievement Rewards for College Scientists (ARCS) Foundation, Lubbock Chapter, has selected 17 Texas Tech University students for 1984-85 scholarships.

Two graduate students will receive \$2,000 scholarships. Undergraduates will be awarded \$1,000 scholarships. Recipients are outstanding students in the natural sciences, medicine and engineering.

Students selected include

CONTACT: B. Zeeck/Cheryl Duke

6-6-5-84

LUBBOCK--Texas Tech University junior Jill Pronger of Stratford is one of two home economics students running for national chairman of the Student Section of the American Home Economics Association (AHEA).

Her opponent is Thomas Jones of Mississippi.

Pronger is a home economics education major at Texas Tech. She is a member of the Home Economics Council, secretary of the Texas Tech AHEA chapter and treasurer of the Texas Home Economics Student Society. She also is a member of the Collegiate 4-H, the Wesley Foundation and the Gamma Phi Beta sorority.

Among her honors are selection as a Home Ec Recruiter for 1984-85; recipient of the Jewel Taylor Scholarship and scholarships awarded by the Extension Service and 4-H Extension; nomination as Home Economics Student-of-the-Month and the Alpha Lamda Delta honor society.

She lives on Route 2, near Stratford.

# Texas Tech News

## AFTER HOURS CALL:

Bee Zeeck, Director, (806) 799-8897  
Preston Lewis, Manager, News Bureau, (806) 745-1718  
Christy Bingham, Manager, Broadcast Bureau, (806) 795-1865

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CONTACT: Clifford Cain

7-6-5-84

ATTENTION: Agriculture Editors

LUBBOCK--Education and family financial support were among ways winning exhibitors used money from the sale of their steers at the Houston Livestock Show and Rodeo, according to research by a Texas Tech University professor.

Agricultural education Professor John M. Dillingham interviewed 41 grand champion and reserve grand champion winners for his project, "Twenty years of Grand Champion and Reserve Grand Champion Steer Exhibitors (1962-82) Houston Livestock Show and Rodeo."

Dillingham said most of the participants credited their earnings for enabling them to attend or finish college. Several paid bills related to raising the steer or bought another calf or more cattle.

The 1966 reserve grand champion exhibitor, for example, bought a 1966 automobile and put the remaining money in the bank.

Dillingham said the 1967 reserve grand champion winner also bought a used car for \$1,200 but put \$8,000 in a savings account for his college education.

"I wasn't as concerned about how much money they received or how much they had paid for the steer as I was with how the money was used and what they ended up doing after winning," Dillingham said.

He said that at least three of the winners divided the money among brothers or sisters to assist with their college education.

The 1963 grand champion exhibitor used his funds for his children's education, he said.

All but two of the exhibitors attended or graduated from college. Eight are currently enrolled in college. One is still in high school.

Four of the 39 winners either graduated from Texas Tech or are attending the university.

The youngest exhibitor was a 9-year-old girl who won the reserve grand champion place 1974. She received \$20,000 for her 1,299-pound Angus steer.

The lowest purchase price between 1962-82 was \$3,400 for the 1965 reserve grand champion. The highest amount was \$127,000 for the 1982 grand champion steer which was a 1,265-pound Maine Anjou.

Until 1971, the only breed exhibited was either Hereford or Angus, he said. In 1971, the show broke from the traditional breeds and had a 1,292-pound Charolais for its grand champion, which sold for \$17,000.

In 1972, the exhibitors were limited to entering only one steer per year after a 16-year-old boy that year won both the grand champion and reserve grand champion entries. The animals were a Charolais and an Angus.

In addition to the 1972 double win, the show has had two other persons win twice. The owner of the 1966 grand champion won the reserve grand champion spot two years later. The 1975 reserve grand champion exhibitor, a 1980 Texas Tech graduate, won the 1976 grand champion honor.

Dillingham said 11 of the exhibitors are involved in some area of ranching or farming and eight are full-time college students. Other occupations range from animal geneticist, dentist and certified public accountant to college instructor, teacher and veterinarian.

"Some of the exhibitors came from ranching families and some are still involved in the cattle business," Dillingham said. "All are educated and have turned out to be fairly successful people."

Thirty-three of the winners were members of the 4-H Club and seven belonged to the Future Farmers of America.

"For most of them, the livestock industry has been a valuable part of their family," he said. "Most learned about accepting responsibilities and competing in the exhibition."

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8-6-5-84

LIVESTOCK SHOW HISTORY--Texas Tech University agricultural education Professor John Dillingham reviews the booklet on the history of winning exhibitors at the Houston Livestock Show and Rodeo, "Twenty years of Grand Champion and Reserve Grand Champion Steer Exhibitors (1962-82) Houston Livestock Show and Rodeo." Dillingham interviewed 41 winners for the project. (TECH PHOTO)

CONTACT: Deborah Palmer/P. Lewis

9-6-5-84

LUBBOCK--Texas Tech University's head baseball coach Gary Ashby will be the featured instructor for the Baseball '84 Camp in July at Texas Tech.

First camp session will be July 8-12; the second session will be July 22-26.

Kids 10 years old through high school age will spend about six hours each day developing self-confidence, sportsmanship and skills for playing the game. Each student will receive individual and group instruction involving infield, outfield, pitching, catching and other game-playing skills. Evening activities will include films, discussions, guest speakers and recreation.

Students may attend the camp as either residents or commuters. The resident fee is \$175 and includes all meals and housing. The \$125 commuter fee includes lunches.

For more information or to register, contact Martha Hise, Division of Continuing Education, Box 4110, Texas Tech University, Lubbock, Texas 79409, (806) 742-2354 or Ashby, (806) 742-3355.

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CONTACT: Clifford Cain

10-6-6-84

ATTENTION: Agriculture Editors

LUBBOCK--For many people, a computer is seen as something to be used only for special jobs and not for daily, routine work.

But Texas Tech University animal science Professor C. Boyd Ramsey believes in using microcomputers for all phases of everyday work, even writing memorandums and recording course grades.

"A computer makes work much easier for professors and students alike because among many things it reduces the number of errors and makes research writing easier," said Ramsey, director of the Texas Tech Meat Laboratory.

Ramsey and food technology Professor Ronald Galyean will discuss everyday use of computers in the classroom, research and office during one of nine special sessions of the 37th annual national Reciprocal Meat Conference June 17-20 on the university campus.

About 350 persons are expected to attend the sessions which will attract some of the nation's experts on the meat industry, meat science research and nutrition.

This will be the first time that the Texas Tech Department of Animal Science and the College of Agricultural Sciences will sponsor the conference.

The professors' presentation will include a 20-minute videotape on using computers in daily work. The video program will show 48 scenes in which computers are used.

"Our purpose is to show non-users that they can make effective use of a computer to work smarter and not harder," Ramsey said.

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Ramsey said computers are used in word processing, particularly for critical correspondence, which lets the user save time in making changes and not having to retype one or more pages.

In teaching and classroom work, the computer can be used to show students how to calculate many values used in the meat industry.

"We have a program students practice on that gives them reasonable data to calculate," he said. "If a student misses the answer the first time, the computer lets him do it again. With a second mistake, the computer does the calculations and shows how it's done and what the solution is."

A computer also allows a teacher to make more than one form of an exam for a class and have answers to the questions in each version. A teacher also can keep student grades in the computer, update grades after an exam and show progress during a semester.

Ramsey noted that many chores given a computer are very basic and routine, but that many instructors and professors do not take advantage of even the mundane capabilities of computers.

"We've just scratched the surface in teaching and research," he said. "About a dozen universities in the nation with meat programs use computers routinely."

Ramsey said computers also allow researchers to illustrate their written research with multi-color graphs and charts printed on paper or overhead projector transparencies.

His secretary uses a computer for the meat lab's daily sales summary reports. After work hours, the college's graduate students use the college's computers for data analysis and research reports.

Dr. Galyean teaches a sophomore-level computer course for agricultural sciences students that delves into hardware use and availability and elementary programming.

Ramsey said Galyean also uses computers in analyses in the chemistry laboratories. He noted that newer equipment has built-in microprocessors that can calculate values automatically during an analysis and send the data into a computer.

A computer also is used in meat labs to determine the least-cost formulation for sausage-making which involves making certain the sausage has the correct proportions of ingredients available at the least cost.

The college soon will use bar code readers to score and speed up the results of judging contests, such as the Future Farmers of America contest in the spring. Computers already are being used in the FFA competition to tabulate results.

The college has established a computer room in the basement of the Agricultural Sciences Building, which has 30 computers. Most are Radio Shack hardware and software.

The latest addition is Radio Shack's notebook-size Model 100, which allows researchers to transmit data from the field to a computer in the office, Ramsey said.

"Our biggest need is not better, faster machines, but more programs for agriculture and meat science use," he said.

"Young kids today are learning computers in school, and many of our students are just now being exposed to computers. And to keep up with the students and changes, the professors need to be computer literate as well."

CONTACT: Preston Lewis

11-6-7-84

LUBBOCK--Across an era bridging the cowboy of legend and the cattleman of today, Foy Proctor has cast a tall, lean shadow of success in cattle operations stretching from Texas to Arizona to Nebraska.

Proctor succeeded in building his own ranching business in the tradition of the legendary cowboy individualist who started with little more than his willingness to work hard and his shrewd but honest eye for cattle.

At 88, Proctor of Midland, Texas, is an old-time cowman who has survived more than six decades in the livestock industry because the times never left him behind. He changed with them and prospered despite the hazards -- droughts, low prices, livestock diseases -- that have plagued cattlemen of all generations.

And in doing so, he bridged not only the generations but also the transition from a rural to an urban America, serving as school board president, city councilman, and board member of the local hospital, county fair, annual rodeo, a savings and loan association and two banks in Midland.

Operator of the Foy Proctor Ranch in Hartley County, Texas, and the C Ranch north of Midland, Proctor on Sept. 21 in Lubbock, Texas, will become the seventh recipient of the National Golden Spur Award. Presented annually by the nation's major livestock organizations, the Golden Spur recognizes individuals who have made significant lifetime contributions to the industry. Over the years Proctor has owned countless cattle and early in his career ran 30,000 sheep on leased land.

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Activities during National Golden Spur Weekend, Sept. 21-22, will be centered at Texas Tech University.

The award, a gilded OK spur encased in a Steuben crystal presentation piece, is sponsored by the American National CowBelles, American Quarter Horse, National Cattlemen's, National Wool Growers, Ranching Heritage, Texas Sheep and Goat Raisers, and the Texas and Southwestern Cattle Raisers associations.

When Proctor first started in the cattle business, operations were more akin to the 19th century than the late 20th century. Any more, he is not so certain a young man starting out on his own can pull himself up by the bootstraps.

"There was so much more country available at the time for ranching," Proctor said. "Land values have gotten too high to ranch and a lot of land has been overgrazed. It won't pay, won't work like it once did."

Just as ranch economics have changed, the men who work the cattle have been transformed.

"Now they are real caretakers instead of the rough kind of cowboy they once were," Proctor said. "A good cowboy back in the early days rode fast and trotted cattle around in a big pasutre. Now they go around a pasture and hardly ever lope. The main thing now is taking good care of the cattle.

"When I was younger, I roped, rode broncs, rodeoed and did everything there was in the books to do with cattle," he said. "Nobody ropes anymore when I'm around and probably not any because they don't keep a rope on the saddle."

Proctor's reputation as a cowboy must have been pretty good around the area because he recalled going with his brother Leonard to a rodeo in Garden City in the early days. After he and Leonard entered, nobody else would compete.

"We finally told them the people had come to see a rodeo and if nobody else would enter, Leonard and I would ride everything for five dollars a head," Proctor said. "And, we did."

The secret to his success as a cowboy and a cattleman -- not to mention his longevity -- is simple, Proctor said.

"Working, staying busy, never quitting. Of course I don't do as much as I once did, but just the other day somebody asked me when I'm gonna quit," he said. "I told him never."

Hard work started Proctor on the road to success after he returned from a stint with the Marines in France during World War I. He started cowboying and buying cattle to supply the Brass and Myers Ranch in Nebraska.

During one five-day stretch in the 1930s, Proctor oversaw the loading of more than 15,000 cattle on railroad cars bound for Nebraska. He started with 3,000 plus head the first day in Odessa, then loaded comparable herds 20 miles down the track in Midland and 20 miles further in Stanton before returning to Midland and Odessa for the final two loads. His men had loaded the last calf before the first train reached Nebraska.

Word of Proctor's straight dealing with Brass and Myers spread until he was providing calves to operators throughout the Midwest.

"I bought all the calves -- the good calves -- in this area," he said, "and sold them to people in the Corn Belt. A lot of the people I never did meet. They just called and I sold them calves at a good price."

Proctor is proudest of his reputation, then and today, as a square dealer.

"My dealings were verbal, just word of mouth," Proctor said. "That's a contract in my books and that's how I operated. I never had any deals that I couldn't transact and be proud of, never had. I guess the fact my deals were always on the up and up and never created any problems pleased me most."

There were some tight years during the Dust Bowl days when his wife, the late Hahl Mitchell Proctor, took his pocket money to buy an insurance policy against going bankrupt. That policy, which has never been used, remains in his wife's trust, Proctor said.

Proctor continued buying cattle on a large scale until about 25 years ago when the IRS threatened to classify him as a trader and disallow the capital gains on his cowherds. Disapproving of the government interference, Proctor simply gave up trading.

With his easy-going manner and philosophy that problems will usually work themselves out, Proctor said the forced change in his business was for the best, even if it did not seem so at the time.

"I guess it wound up better for me that I acquired more land and less cattle," he said.

Though he leased as much land as he could in the years after World War I, it wasn't until 1937 that he acquired his own ranch -- the 3-Links in Willcox, Ariz. He maintained Midland as his home base.

"That was the first ranch I owned and I liked it. The cattle did pretty good. I'd drive out there in the car and work two weeks twice a year," Proctor said.

He'd always go around the second week in May because it rained between May 10-15 each year in Midland where he leased land, sometimes making it too muddy to work. This year, a dry one, Midland got a rain May 16.

In 1947 he leased the 160,000-acre C Ranch north of Midland and has operated it ever since. In 1950 he bought the Magdalena Ranch in New Mexico and three years later he purchased the 95 sections that became the Foy Proctor Ranch. For more than 15 years he directed the simultaneous ranch operations in Texas, New Mexico and Arizona before selling the 3-Links in 1965 and the Magdalena a year later.

The Foy Proctor Ranch near Channing, Texas, became his pride. Most of the land originally belonged to the fabled XIT Ranch.

"It's the best ranch I ever had," he said. "It grows good grass, good kinds of grass, and has good water. The cattle do well."

The ranch at Channing has received numerous awards for its range management practices, including recognition from the Texas Section of the Society for Range Management, the Hartley County Soil and Water Conservation District and Clarendon College.

"People come out to look at the ranch and they say it is a good operation, though we don't think it's too unusual," Proctor said. "We run good cattle, we stock lighter than most so we don't overgraze it and we try to improve our grass by proper management."

Proctor runs black baldy heifer calves bred to Brangus bulls on the Channing ranch. He supplies the black baldy heifers from his Midland ranch where he crosses first calf Hereford heifers to Angus bulls.

"The cross breeds are more popular in the feedlot," Proctor said. "I like my Herefords but you've got to cross some to attract the feeders."

If there's anything he loves more than his cattle, it's his ranch hands. He calls them "my boys" and his ranch managers -- Junior Hays of the Proctor Ranch and Melvin Cotten of the C Ranch -- have been with him more than three decades each.

Proctor is as devoted to his men as a father and over the years many of his acquaintances have come to view him as almost a father figure because of his good business sense, his patience, his honesty and his generosity.

Clynice Baker, his secretary for more than 15 years, said, "A lot of people in this community turn to Mr. Proctor when they need advice or just plain help."

Proctor has taken his community responsibilities as seriously as he has his friendships. At various times he has served the Midland school board, Midland City Council, Midland Memorial Hospital Board of Governors, Midland Fair, Inc., and the Midland Chamber of Commerce. He was a director of Midland National Bank and later of First National Bank for 25 years.

For more than 15 years, he was an active rodeo judge in Texas and New Mexico. For many years, he was on the board of directors of the Texas and Southwestern Cattle Raisers Association.

Of the Golden Spur Award, Proctor said, "I wouldn't say I deserved any credit for it.

"I just did what I was supposed to do and feel it's in appreciation of the very pleasant deals I was involved in over the years. I just wanted more good cattle and a good home for them. That was my life for a big portion of it."

The award presentation at a Sept. 21 Prairie Party is the highlight of National Golden Spur Weekend. More than 1,500 guests from throughout the nation are expected to participate in the activities, including the Prairie Party and Livestock Day on Sept. 21 and Ranch Day on Sept. 22. Activities are coordinated by the Ranching Heritage Association, P.O. Box 4040, Lubbock, Texas 79409, (806) 742-2498.

Ranch Day activities, including special demonstration of ranch life, chores and crafts is scheduled at the Ranching Heritage Center of The Museum of Texas Tech University. The 14-acre center, with more than 30 authentically restored and furnished ranch structures, depicts more than 100 years of ranching history.

Previous National Golden Spur Award recipients include John B. Armstrong, Kingsville, Texas, 1983; J. Ernest Browning, Willcox, Ariz., 1982; Watt R. Matthews, Albany, Texas, 1981; Fred H. Dressler, Gardnerville, Nev., 1980; the late Jay Littleton Taylor, Amarillo, Texas, 1979; and the late Albert K. Mitchell, Albert, N.M., 1978.

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CONTACT: Preston Lewis

12-6-7-84

LUBBOCK--A proposed advertising campaign developed by 15 students in the Texas Tech University Mass Communications Department has been judged the best nationally in the annual American Advertising Federation Competition.

The Texas Tech team won first place over 14 other regional contest winners during the national competition Saturday (June 2) in Denver.

In the competition teams developed an advertising campaign based on the actual needs of a national company for a product line. This year 130 college and university teams developed advertising strategies for the TRS-80 computer of Tandy/Radio Shack.

Five members of the winning team will present their proposal to national advertising professionals Aug. 20 during the annual Advertising Age Creative Workshop in New York City.

The Texas Tech oral presentations in the national competition were made by Michelle Jackson of Lubbock, Kimber Smith of Amarillo and Tracey Evans of Arlington. They were assisted by Kim Buechley of Fort Worth and David McClure of Uncasville, Conn., on the audio-visual presentation and by Christine Isaac of Muleshoe and Mike Klein of Lubbock.

Team members researched the computer's advertising needs, then developed a creative strategy, a sales promotion and a coordinated media plan. They then organized their objectives, strategies and tactics into a 49-page book of plans, a 12-page creative supplement and a 20-minute audio-video presentation.

James L. Marra, faculty adviser, said the team effort succeeded because of the interesting personality of the presentation, the high quality audio-visuals and the comprehensive, well targeted plans book.

The parents of team members who made the presentation in Denver are: Jackson, Jim Bob Jackson, 8432 Wayne, and Joyce Jackson, 2811 35th, Lubbock; Smith, Mrs. Aubrey Smith, 2801 Parker, Amarillo; Evans, Mr. and Mrs. James Evans, 3011 Yellowstone, Arlington; Buechley, Mr. and Mrs. John Buechley, 1712 Versailles, Fort Worth; McClure, Mr. and Mrs. Charles McClure, 105 Polly's Lane, Uncasville, Conn.; Isaac, Mr. and Mrs. Charles Isaac, 706 W. 20th, Muleshoe; and Klein, Mr. and Mrs. Elgin Klein, 4401 27th St., Lubbock.

Other team members, their parents and addresses are: Peggy Knutson, Mr. and Mrs. Herb Knutson, 2808 Robin, Plano; Rose DeAngelo, Mr. and Mrs. Ed DeAngelo, 805 Charter Oak, Arlington; Gregg Carson, Mr. and Mrs. James Carson, 3908 Driskell, Fort Worth; Robert Sparkman, Mr. and Mrs. Bobby Sparkman, 3609 Plaza Park, Garland; Greg Ward, Mr. and Mrs. Jim Ward, 223 Fir, Hereford; Beverly Blair, Jim Clark, 7979 Westheimer, Houston; Nancy Feichter, Mrs. Jeneane Feichter, 7353 La Bolsa, Dallas; and Shannon Spining, Sara Spining, 8472 Valley View, and Richard Spining, both of Buena Park, Calif.

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CONTACT: Cheryl Duke

ATTENTION: Education Editors

13-6-7-84

LUBBOCK--Improving public education from the inside is the goal of two new programs in the Texas Tech University College of Education.

Select students pursuing graduate degrees in education during 1984-85 will substitute teach or conduct research for the Lubbock public schools through a cooperative effort between the college and Lubbock Independent School District.

Dr. Richard E. Ishler, dean of the college, said he is unaware of any similar programs in the nation's teacher training institutions or public schools.

"In advertising our programs nationwide, we have had inquiries from New York, Kansas, New Mexico, Louisiana, Arizona, Illinois and throughout Texas," he said.

Both the teaching and research programs are being funded by the school district and are expected to continue yearly, Ishler said.

"The district is interested in filling daily vacancies from illnesses and personal leaves with qualified personnel and in obtaining research data on educational programs to determine their long-range value," Ishler said.

"We are interested in providing financial assistance to more of our graduate students and being able to conduct actual research within the public schools," he said.

For the student, Ishler said the new programs provide financial help and teaching or research experience. The research assistants may explore topics leading to dissertation work or possible publication, he said.

The dean said the college is still accepting applications for the substitute teaching positions which provide a stipend of \$2,400 for 60 days work, \$3,600 for 90 days work and \$4,800 for 120 days work. Graduate student/substitute teachers may select the number of days and the specific days of the week they want to work.

Doctoral students will be the first choice for the substitute teachers though students seeking master's degrees may also apply. Ishler said applicants should meet the requirements of the graduate school. Interested persons can call Ishler at (806) 742-2377.

The two research positions, providing a stipend of \$6,600 for the school year, have been filled with doctoral students.

"The students will work for the school district. They will be given specific research assignments, but will also be able to propose other research ideas," Ishler said. "The school superintendent has invited us to use these positions also for research projects we want to pursue."

The two cooperative programs were developed after mutual concerns were expressed by school and college personnel through the newly established Lubbock Council on Education.

The council was started this year by the dean and the school superintendent, Dr. E.C. Leslie. It is a forum where both educational leaders and members of their staffs meet monthly to discuss common needs and problems and voice possible solutions.

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CONTACT: B. Zeeck

14-6-8-84

LUBBOCK--Officers representing the Navy and Marine Corps will make an on-site visit to the Texas Tech University campus June 27-28 to view facilities and discuss arrangements for the start-up of a Naval Reserve Officers Training Corps program in the fall of 1985.

Announcement of the NROTC program at Texas Tech was made by Sen. John Tower May 11 when he was on campus as commencement speaker and to receive an honorary doctor of laws degree.

Verification came May 21 in a letter from Secretary of the Navy John Lehman to Texas Tech President Lauro F. Cavazos, making Texas Tech the 64th NROTC host institution in the nation. The university has, in addition, Army and Air Force ROTC programs.

Nationwide the Navy offers 8,000 four-year scholarships providing students with tuition, fees and stipends. There also are college program students -- juniors and seniors who receive \$100 stipends monthly. Graduates are commissioned as Naval or Marine Corp officers.

Students are required to take naval science courses in addition to regular university classes. For four-year scholarship students there are three summer training sessions of four to six weeks each. Students receive pay during these sessions.

The first summer provides orientation aboard ship, the second a week of orientation with different kinds of naval service -- aboard surface vessels, in aircraft, in submarines and with the naval nuclear force, and in the Marine Corps.

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NAVY ROTC/ADD ONE

Junior and senior College Program NROTC students as well as scholarship students spend a part of their last college summer on a naval cruise to gain junior officer experience.

"The national importance of ROTC programs is understood," Cavazos said, "and we are fortunate to be permitted to play a role in this aspect of our nation's well-being. At Texas Tech we are proud of the Army and Air Force ROTC detachments on our campus, and we welcome the challenges and opportunities presented with the Naval ROTC unit."

The university will provide classroom, office and other space necessary for the unit and coursework will be reviewed by the Office of Academic Affairs. The Navy will provide faculty and staff.

Dr. Jerry D. Ramsey, associate vice president for academic affairs, said the NROTC will have the kind of support given any other department in the university. It will, like other ROTC departments, be within the College of Arts and Sciences.

CONTACT: Clifford Cain

16-6-8-84

LUBBOCK--Two faculty members in the Texas Tech University Department of Chemistry have been elected "Fellows" of the American Association for the Advancement of Science (AAAS).

Professors David B. Knaff and Robert W. Shaw were elected during the May meeting of the association's council.

Fellows are elected because of efforts toward the advancement of science or distinguished scientific or social applications.

Knaff has been with Texas Tech since 1976 and has been chairman of the Biochemistry Division in the Department of Chemistry since 1981. He has served as graduate student adviser since 1981.

From July 1983 to January 1984, Knaff was a visiting senior investigator of the Biophysics Department at the State University of Leiden in The Netherlands.

He received his doctoral and master's degrees in chemistry from Yale University and his bachelor's in chemistry from Massachusetts Institute of Technology.

He also is a member of the American Society of Biological Chemistry, Biophysical Society, Sigma Xi and American Society for Photobiology. He is the author or co-author of more than 25 articles.

Shaw has been with Texas Tech since September 1981. He received his bachelor's degree in biology from West Virginia University and his doctorate in biochemistry from Pennsylvania State University.

Before coming to Texas Tech, he was a research associate and postdoctoral fellow at the Institute for Enzyme Research, University of Wisconsin-Madison.

Shaw is the author or co-author of 17 articles and five conference/symposium presentations. He is a member of the American Chemical Society.