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12/4/61

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK --Texas Tech's chapter of Tau Beta Pi, national honorary engineering fraternity, initiated 19 engineering students in ceremonies Saturday (Dec. 2) on the Tech campus.

Tau Beta Pi membership is limited to junior engineering majors with at least a 2.4 out of a possible 3.0 grade point average and seniors with at least a 2.0.

New pledges are: Robert N. Alexander, Breckenridge; Michael H. Laird, Hitchcock Road, and Duane Lowe, 1302 Bayou Shore Drive, Galveston; Lynn S. Nored, Nocona; Louis W. Joe, 5104 Cantrell, Fort Worth; Fred R. Szenasi, 1305 Parker, Odessa; Lynn West, Lamesa; and Thomas C. Tillotson, 927 N. Halagueno, Carlsbad, N.M.

Others pledging are: Merle R. Whatley, 2307 Shepherd, Wichita Falls; Richard T. Tarrant, Irving; William H. McCulloch, Lamesa; Don Roper and Greylan Tuggle, Lubbock; William J. Droll, Eola; J. Frank Potts, Floydada; William Lee Harrod, Lovington, N.M.; Fernando C. Vidaurri, Borger; James E. Crutcher, Kilgore; and Terry L. Guthrie, Pampa.

The Tech chapter now includes 20 active members, 20 faculty members and 5 graduate students.

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Texas Technological College
Department of Public Information
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12/4/61

Texas Tech Briefs

Texas Tech, founded in 1923, has grown steadily and now has a student enrollment of more than 10,000. It is the newest member of the Southwest Athletic Conference.

The College is located in Lubbock, the Hub of the South Plains, a city of approximately 130,000 population.

The main campus at Tech covers 1,800 acres, all but 300 of which are used as an experimental farm.

###

Enrollment at Texas Tech jumped to 10,212 in 1961, an increase of 1,034 over the previous year. Last year Tech's student population came from 222 of the 254 counties in Texas, 43 states and 24 foreign countries.

The 1961 fall student body consists of 6,799 men and 3,413 women. There were 3,588 new students, both freshmen and transfers.

The 1961 freshman class included 65 valedictorians just out of high school.

Texas Tech is the second largest state school in Texas, exceeded only by the University of Texas.

Students may work toward Bachelor's Degrees in 83 fields, Master's Degrees in 36 fields and Doctor's Degrees in six fields.

###

Financial grants for research at Texas Tech last year totaled nearly \$465,000. Work on federal projects alone cost \$213,000, including more than \$44,000 for textile research.

State appropriations for research exceeded \$137,000, plus another \$69,761 for textile research. Funds spent by private foundations totaled more than \$35,500, and \$9,357 came from other sources.

###

Valuation of the Texas Tech campus is now \$41,575,674, figured on the original cost of buildings. Since 1949, more than \$30,000,000 in capital improvements have been added, and it is estimated that additional improvements will total more than \$20,000,000 by 1970.

Eight buildings and the expansion of the football stadium were completed last year at a cost of \$4,730,000.

Now under construction are five buildings costing \$3,885,325. These buildings include a new library, and addition to the Student Union Building, an addition to the Science Building, dairy facilities and animal and poultry facilities.

A new women's dormitory will be started soon, costing approximately \$2,700,000.

###

Texas Tech provides employment for 2,055 people. Of this total, 1,287 are full-time employees and 768 work part time.

Total payroll for the 1960-61 was \$6,422,135.40.

This fall, 86 new faculty members, including replacements, were added to the staff, as were 71 new teaching fellows and 25 nonteaching staff members. There were 37 changes in faculty rank for the fall of 1961.

###

Texas Tech is like a small city. Daytime population is 12,200.

Last year more than \$226,000 was spent on utilities for the campus city. The amount of gas used would serve the needs of 3,083 average families for one year. Water used by Tech would supply 1,502 average families, and 3,749 families could be served with the amount of electricity used by the college.

Actual consumption figures increased last year to more than 287 million cubic feet of natural gas, 220 million gallons of water and 13½ million kilowatt hours of electricity.

There are 5,788 automobiles registered on the Tech campus.

###

A home away from home is provided for Texas Tech students who live in the nine campus dormitories. The dorms have a capacity of 4,447 students, furnishing room and board.

Total value of the dormitories is nearly \$13,000,000. A new women's dormitory will be constructed soon at a cost of \$2,764,000 and will accommodate 808 girls.

#

Feeding more than 4,000 students three meals a day for a year is a big job at Texas Tech. It is estimated that 3,375,000 meals will be served this fiscal year. Food is prepared and served by 22 dietitians, 152 kitchen employees and 76 student helpers.

Texas Tech's raw food budget is nearly \$826,000.

Students this year will consume 1,125,000 pounds of meat, 134,696,000 gallons of milk and 9,115 gallons of ice cream. It would take a freight train 170 cars long to transport the 8,544,000 pounds of food served in Tech's nine dormitories.

It would require 1,125 beef steers weighing 1,000 pounds each and a herd of 283 dairy cattle to supply Tech's meat and milk needs.

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As Texas Tech grows, so does its need for operating equipment. At last inventory, there were more than 70,000 individual pieces of equipment, ranging from an electron microscope to a 60-cent war surplus chair.

The purchasing office last year issued 10,760 purchase orders, an increase of 6 per cent over the previous year. Purchases ranged from a nuclear engineering analyzer computer to 12 inches of sash cord.

###

Texas Tech has grown to become the second largest state school in Texas. It's 1,844-acre campus is reputed to be the second largest in the nation. Approximately 285 acres are in the campus proper, and the remainder is devoted to the school's experimental farm. Tech also operates a 5,800-acre research farm near Amarillo.

On the main campus of Texas Tech, there are 163 buildings, 80 of which are permanent.

The 10,212 students are enrolled in the six schools within the college. These schools include Arts and Sciences, Engineering, Business Administration, Agriculture, Home Economics and Graduate.

Bachelor's degrees are offered in 83 fields, a Master's Degree in 36 fields and the Doctor's Degree in six fields of study.

###

Paper plays an important role in the operation of any college. Last year Texas Tech's mimeograph service printed 3,194,500 sheets of paper, enough to cover 47.6 acres.

The Texas Tech Press printed 153,675 pounds of paper. In addition, the press printed 682,000 envelopes, weighing about 4½ tons.

These amounts do not include the paper duplicated in other offices on campus.

###

It costs a great deal of money to operate a school the size of Texas Tech. The 1961-62 operating budget is more than \$12,100,000, an increase of \$1,580,000 over the preceding year.

Educational and general funds per student last year were \$640. The average full-time student paid only \$162, or 25 per cent, of the amount.

Main expenses include retirement of bonds for newer buildings on campus and salaries. Telephone service cost \$93,000 and utilities cost \$226,000 last year. Operating funds for campus dormitories exceed \$2,500,000 for the current fiscal year.

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Texas Technological College
Department of Public Information
Adrian Vaughan, Director

12/4/61

Suitable for Time Copy

LUBBOCK-- When most people think of cotton, they think of limbs, leaves, bolls and roots--and they think of cotton research as a study of these parts.

But cotton also is composed of molecules, atoms and enzymes--and these also are the subject of several research projects at Texas Tech. Such "basic" investigations have led to many developments of great benefit to the entire cotton industry.

"Basic research is usually long-range because it deals with plant functions and processes," explains Charles Andrews, a researcher in Tech's textile research department.

"As a result, its importance is often underestimated. But basic research has played, and will undoubtedly continue to play, a big role in cotton's progress."

Andrews and his assistant, Leo Pulte, are engaged in basic research. They conduct studies on microscopic parts of the cotton plant and fiber in search of new information that can eventually be converted into dollars and cents for those who depend on cotton.

The work is done in cooperation with the Cotton Research Committee of Texas.

One of the projects Andrews is working on is a study of biologically damaged cotton, known as "cavitoma." This project was started by the late Dr. Lyle C. Hessler and Andrews.

"Bacteria actually eat the cotton fiber," Andrews explains. "This results in weakened fiber of inferior quality. If damage is extensive, it lowers spinning performance and end-product quality."

(more)

basic cotton research Add #1

The first goal of this project was to find a fast, inexpensive method of detecting and measuring cavitoma. Such a method hasn't been available in the past, making it impossible for buyers to do a good job of detecting damage if it existed. A test for pH (acidity) gives an indication, but isn't the complete answer.

Andrews has come up with a way. It takes about 30 seconds and costs about \$1.15 for 1200 samples, excluding labor.

"The method already is being used to spot-check cotton to see if cavitoma exists in an area, and if so, to what degree," the researcher said. "We hope to eventually see it used on every bale."

Here's how it works.

First, a small amount of cotton is placed in the bottom of a test tube. A chemical is then added that will change color if cavitoma is present. The change is compared to a color chart that gives the colors to be expected for various degrees of cavitoma.

The chart is now being reproduced and will be available soon.

With this chore accomplished, the researchers are turning their attention to developing an inhibitor that can eventually be used to prevent cavitoma. The idea will be to apply it to the cotton either through mechanical harvesters or at the gin.

The question of why some varieties of cotton mature faster than others also is under study.

"If we knew the answer, it might be possible to make some of our present varieties mature quicker," Andrews explains. "This would mean a shorter growing time and reduced danger of late-season losses due to unfavorable weather."

(more)

The researchers are attempting to find the answer by:

(1) Making a thorough chemical analysis of different parts of the cotton boll as affected by age, varietal type, nutrient supply and growing conditions; (2) studying enzymes and enzyme systems of the boll.

"It's a long-range project," Andrews stated, "but we hope eventually to give breeders something to work with in developing faster-maturing varieties."

Andrews is working for the farmer's customers as well as for the farmer. One of these projects is concerned with "swelling."

In chemical processes that use cellulose, which includes cotton, it is necessary to "swell" the cellulose at some stage of processing. Swelling simply involves soaking the fibers, causing them to expand. This aids in such things as dyeing.

"Different end-uses require different degrees of swelling," Andrews explains. "For example, one product might require that swelling be carried to 75 per cent completion, while another might require only 50 per cent. This is regulated by varying the soaking time."

But the real trick is to measure the degree of swelling that has been achieved. In other words, how long does the fiber have to soak for 50 per cent swelling to occur?

Again, present methods are lengthy and rather complicated-- and again Andrews has come up with a better way. The method will make it possible to precisely measure the degree--and rate--of swelling under various conditions.

"This means the processor will know exactly how long to soak a given amount of cotton to get the degree of swelling needed for the product being manufactured," Andrews points out.

(more)

He said a publication on the method will be out soon.

Other projects under way, or to be started soon, include determining the effect of moisture on the chemical and physical structure of cotton; finding new uses for low-grade cotton; evaluation studies for private companies and mills; and developing nuclear methods of analyzing trace elements and nitrogen in plants.

So, basic research takes a while, and the projects at Tech are no exception. But Andrews says he has patience as long as such research will benefit the cotton industry.

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12/4/61

LUBBOCK, --Texas Tech has been accepted for membership in the newly formed Council of Graduate Schools in the U.S., Tech Graduate Dean W. Bryan Gates announced.

The Council is the first national organization of its kind, Dr. Gates said. It will provide a central agency for contact with the government and private foundations supporting graduate education and research.

Dr. Gates said the Council is confined to institutions that offer the doctorate in a variety of fields and that have strong and diversified master's programs.

"Tech membership in the Council will help us keep up with the latest developments in graduate education throughout the nation," Dr. Gates pointed out.

It also will be a means of informing other influential organizations of opportunities in Tech graduate training and research," he added.

To be eligible for Council membership, an institution must have conferred a minimum of 30 master's degrees and 10 doctorates in the past three years. During that period, Tech has conferred 403 master's degrees and 29 doctorates.

The Council will hold its first meeting Dec. 14-17 in Washington, D.C.

###

12/4/61

Eleven choirs of Texas Tech students will highlight the "Carol of Lights" Christmas program at 7 p.m. today (Dec.5) at the "Science Quadrangle" on the Tech campus.

The program, which will herald the advent of the Christmas season, is open to the public, Glenda Johnson, president of the Women's Residence Council, said.

The Weather Bureau reports cloudy, but cooler weather is expected for tonight which should add to the holiday spirit.

The Tech Choir, directed by Gene Kenney of the music department will sing "Glory to God in the Highest" by Roland Thompson, after group singing led by Dr. Gene Hemmle, Tech music department head.

Choirs representing seven women's residence halls and three men's dormitories will add familiar carols to the program. Some groups will present religious numbers, such as "O Holy Night" and "What Child Is This?", while others will sing the popular holiday songs, "White Christmas" and "Silver Bells."

Amon Burton of Rockwall, president of the Campus Religious Council, will deliver the invocation.

Following the invocation there will be a five-minute "black-out" of every light on the Tech campus. A trumpet fanfare by members of the Red Raider Band will signal the turning on of the 16,000 red, yellow and white lights that will outline the nine buildings on the Tech campus.

(MORE)

Add 1--Christmas program

Harold Hinn of Dallas and Plainview, a member of the Tech Board of Directors, will be unable to be present. Hinn is credited with providing not only the idea of the lights but the first funds and the personnel for inaugurating the project in 1959.

Other sponsors of the lights are the Lubbock Avalanche Journal Dunlap's and the Lubbock Clearing House Assn.

Their support helped place lights on nine structures this year, which include the Administration Building, the three buildings of the "Science Quadrangle" (the Chemistry and Science Buildings and the present library), the East and West Engineering Buildings, Textile Engineering Building, Journalism Building and Home Economics Building.

The Tech Choir and the Tech Singers will conclude the program with the singing of "We Wish You a Merry Christmas." Free refreshments will be served in the Tech Union Building.

A huge evergreen wreath on the Science Building will form a backdrop for the choirs. The Spanish custom of the luminarias--a lighted candle placed in a sack of sand--will add festive color to the campus.

Chairman of the "Carol of Lights" ceremony is Judy Cowger, a member of the Women's Residence Council from Stamford. Others working on the event include Delores Hunt, Dallas, decorations; Pat Runnels, Brownfield, publicity; Linda Hill, Cleburne, refreshments; Roxanne Townsen, Hale Center, speaker system; Mary Ann Fowler, Lampasas, treasurer; and Miss Johnson, WRC president.

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12/5/61

LUBBOCK --Some 175 seamstresses will have a chance to show off their talents during the District I "Make-It-Yourself-With-Wool" contest in Texas Tech's School of Home Economics Saturday (Dec. 9).

Each of the 60 counties in District I may enter four contestants. The seamstresses may enter an all-wool dress, suit or coat which they have made from 100 per cent wool. Garments are judged on quality of construction and on general appearance on models. Contestants model their own garments.

The top adult winner and the top 10 per cent of both the junior and senior divisions will be eligible to compete at the state contest at Tech on January 6.

In the judging, construction counts 35 of a possible 100 points. Such things as seams, hems and zippers are considered. This phase of the contest will be held Friday (Dec. 8).

Fashion and appearance count 65 points and include suitability of accessories, fit of the garment and appearance of the complete costume.

This phase will be judged Saturday morning and will be closed to the public. Contestants will model their handiwork in Home Economics Building at 3:00 p.m. Saturday in a "grand finale," which will be open to everyone interested. Winners will be announced at this event.

Judges of construction quality will be Miss Nena Roberson, former extension clothing specialist; Mrs. Myra Timmons of Tech's School of Home Economics; and Mrs. Annie Margaret Turner Clark, former homemaking teacher. All are from Lubbock.

Fashion and appearance judges will be Jack Christian, executive assistant for the South Plains Electric Cooperative; Mrs. Mark Anthony of Lubbock; and Mrs. Milton Davis of Slaton. Mrs. Anthony and Mrs. Davis are former homemaking teachers.

The contest is sponsored by the women's auxiliary of the National Wool Growers' Association; the women's auxiliary of the Texas Goat and Sheep Raisers' Association; and the American Wool Council. Mrs. S.M. Harvick, Ozona, is state director.

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12/4/61

ATTENTION: PETROLEUM EDITORS

LUBBOCK --Two seniors in the Texas Tech School of Engineering have been awarded top petroleum engineering scholarships this year.

Duane Crawford, assistant professor of petroleum engineering, announced Kenneth Wade Harbin of Mathis and Johnny McDonald, Fluvanna, as the scholarship recipients.

Harbin was awarded the annual \$300 Charles H. Snelson Memorial Scholarship, given by the Society of Petroleum Engineers of the American Institute of Mining and Metallurgical Engineers.

The son of Mr. and Mrs. T. C. Harbin of Mathis, he is the chairman of the student SPE Chapter at Texas Tech this year.

McDonald received the annual \$250 Leif Olson American Institute of Mining and Metallurgical Engineers' Scholarship.

He is president of Pi Epsilon Tau, national professional petroleum engineering fraternity. He is the son of Mr. and Mrs. Panch McDonald of Fluvanna.

Both students will receive the Bachelor of Science degree in the spring, 1962.

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Texas Technological College
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12/5/61

SUITABLE FOR TIME COPY

LUBBOCK --A veteran of 35 years as instructor at the U.S. Naval Academy and noted biographer of heroes of the sea has come out of retirement to help ease Texas Tech's growing pains.

He is Charles Lee Lewis, who came to Lubbock in 1954 to live near his son and family and to settle down for an attempt at historical fiction writing.

However, when fall registration produced more history classes than full-time instructors, Lewis was asked to take over one class in United States history. He consented and now has one class of 34 students three days a week.

"I had no idea of ever teaching again," said Lewis, who retired from the Naval Academy in 1951. "My wife and I came to Lubbock because my son (Dr. and Mrs. William Q. Lewis, 3210 46th St.) and his family live here. Being with the children and grandchildren is a strong pull."

Now writing has taken a back seat to preparing lectures and grading test papers. But Lewis admits his fiction novels have not been as successful as his 11 published books on the greatest Naval leaders of all time.

Lewis' study at his home, 1901 28th St., has a vast collection of books on naval and military history. On the top shelf are his own.

Lewis' works, starting at the beginning include:

Famous American Naval Officers, published in 1924, a collection of biographies of naval heroes through World War I;

(more)

Matthew Fontaine Maury, *Pathfinder of the Seas*, a biography of the man who pioneered sea lanes during the mid 1800's, published in 1927;

Admiral Franklin Buchanan, commander of the Merrimac during the Civil War and first superintendent of the Naval Academy, published in 1929;

Famous Old World Sea Fighters, a collection of biographies of naval combatants from the Greek Navy in 428 B.C. through World War I. It was published in 1929 and later published in England in 1930;

The Romantic Decatur, the life of Stephen Decatur who gained fame during the War of 1812. It was published in 1937 and dedicated to his grandson, Richard Leahy, now a graduate of the Naval Academy and a Navy officer;

Admiral in the Making, the first of two volumes on the life of David Glasgow Farragut up to the Civil War. It was published in 1941;

Our First Admiral, the second volume on Farragut, published in 1943;

Books of the Sea, a reference book containing sea stories, short stories, poetry, sea plays and biographies, published in 1943;

Admiral De Grasse and American Independence, a biography of the French Admiral who helped America's fight for freedom in the capture of Yorktown, published in 1945;

Famous American Naval Officers, a second book to add to his first writing, a collection of biographies of naval officers in World War II, published in 1945;

Famous American Marines, the counterpart of his Navy biographies, written at the request of his publisher and published in 1948.

(more)

Lewis has another proud connection with the Navy. His daughter married the nephew of the late Fleet Admiral William D. Leahy, former Chief of Naval Operations and presidential Naval advisor during World War II.

But aside from all his works on naval history, Lewis admits his real hero is Gen. Robert E. Lee.

"He's my man," Lewis said. "Lee is tops in military history as far as I'm concerned. To do what he did with the number of men he had requires the greatest military ability."

Lewis owns more than half of the biographies written about Gen. Lee. One was published in 1867. Lewis' study is lined with pictures of Lee.

Fiction, Lewis found out, is far different from his biographical writings. None of his fiction novels have yet been published.

The first was *The Pasha's Daughter*, based on his experiences in Constantinople, where he taught the six grandchildren of the mother of the Khedive. There were three boys and three girls, all cousins. One of the girls eventually married an American Naval officer and lives in Washington, D. C., and Lewis corresponded with her in recent years.

Another historical fiction writing is *Captain Taylor's Odyssey*, based on the experiences of Capt. William Lewis of the War of 1812.

"I had trouble with my agent on this one," Lewis said. "She thought the dialogue was too old fashioned." Lewis felt that the old way of speaking lent authenticity to his novels, but he later compromised and toned down the dialogue with slightly more modern speech.

(more)

"I may not be able to market these books," Lewis said. "You know today's novels are 99 per cent sex."

But teaching history at Tech now comes first. As a veteran in the teaching field, Lewis has let his students know they can't slide by without working. "I issued several unsatisfactory grades at mid-term," Lewis said. "And on our next test, grades went up mysteriously."

His temporary job at Tech has introduced a somewhat new experience to Lewis. After 35 years at the Naval Academy, he now finds it unusual to find girls in his class.

"But you know," Lewis commented, "the girls have turned out to be the best students."

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12/6/61

LUBBOCK--Texas Tech's School of Engineering has received a gift of safety hats for junior and senior chemical engineering students from Phillips Petroleum Co. in Bartlesville, Okla.

The gift of 38 safety hats, sometime called "hard hats," is being used in the chemical engineering department to further the safety program of the department, according to Engineering Dean John R. Bradford.

The hats are made of "Marlex," a high impact plastic material. They will supplement the chemical engineering safety uniform of white monogrammed overalls worn in lab work.

"At Tech we are trying to incorporate and insist upon safety practices in our lab operations," Dean Bradford said.

With this gift from Phillips and with other safety precautions, we are advocating safety without a detrimental effect in the terms of teaching course work. These safety habits that we are developing in our students do not inhibit their lab performance, rather they improve their overall performance, Dean Bradford stated.

The safety measures are being encouraged especially in the chemical engineering department and in the laboratories of courses associated with unit operations, process development and instrumentation and control.

Dean Bradford stressed that industry had learned through years of experience that safety on the job pays off in many ways. It prevents loss of time and makes the worker a better employee and likewise develops a "sixth sense," which he can later develop in his home for a safer environment.

###

12/7/61

LUBBOCK --Kay Porter of Jacksboro has been awarded the first Linda M. Speech Scholarship (correct) at Texas Tech.

Miss Porter is a senior speech therapy major and psychology minor.

Dr. P. Merville Larson, speech department head, announced Miss Porter as the recipient of the \$100 scholarship, awarded for talent, grades, leadership and service to the speech department.

The money comes from investment funds furnished Texas Tech by Mr. and Mrs. Ray C. Mowery, former members of the animal husbandry and speech departments, respectively.

Miss Porter is president of Sigma Alpha Eta, speech therapy fraternity; vice president of the Assn. of Women Students; and first vice president and pledge trainer of Gamma Phi Beta, social sorority. She is a member of Mortar Board, senior women's honor society.

She is the daughter of Mr. and Mrs. C. B. Porter of 114 South Main in Jacksboro. She will receive the B. A. degree in May, 1962, and then plans graduate work in the East.

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Texas Technological College
Department of Public Information
Adrian Vaughan, Director

12/6/61

LUBBOCK --Texas Tech's annual Raider Rambles talent show will again feature some of the best collegiate talent from West Texas this year.

The show will be presented at 7:30 p.m. Friday, Dec. 15, in the ballroom of the Tech Union.

All colleges and universities in West Texas are eligible to enter acts. The first place winner will be eligible to go to College Station to compete in the annual Texas A & M Intercollegiate Talent Show.

Texas A & M chooses 10 acts for their annual show which is presented at Southwest Conference schools in the spring. Last year Clyde Bateman of Tech received a spot on the show.

Acts entered at present include vocalists, a modern dance routine, a folk-singing trio and various vocal groups.

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LUBBOCK --Texas Tech's KTXT-FM radio station (91.9 mcs) has scheduled a new show of evening music for Tuesday and Thursday nights.

Serge Chernay of 605 Sul Ross, Houston, will emcee the two - hour show from 6-8 p.m. called "Campus Showcase."

The show features music by such recording artists as the Kingston Trio, Frank Sinatra, Nat King Cole, and the Limelighters, and numbers from Broadway musicals.

Charles Buzzard of the speech faculty is director of the campus FM station.

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12/8/61

LUBBOCK-- Twenty-seven Texas Tech students have been initiated into Sigma Tau Delta, honorary English fraternity.

Members must be a junior or senior majoring or minoring in English and have a 2.2 overall grade point average.

Initiates from Lubbock are Ray Thompson, son of Mr. and Mrs. Neal Thompson, 2429 22nd; Rosemary Patterson, daughter of Mr. and Mrs. V. E. Patterson, 2808 Canton; Libby Malley, daughter of Mrs. Mary Malley, 2106 9th; Judy Kinney, daughter of Mr. and Mrs. Harry J. Kinney, 3110 49th; Mrs. Barbara Kanipe, 2208 17th; Janis Richardson, daughter of Mr. and Mrs. J. C. Richardson, 3617 47th; Mrs. Betty Mabry, 2310 14th; Anna Gayle Ryan, daughter of Mr. and Mrs. Alvin L. Ryan, 2605 40th.

Other students initiated are Mrs. Connie Holt Jones, Petersburg; Lynn Neuman, daughter of Mr. and Mrs. Nandor Neuman, Maverick; Norma McAdams, daughter of Mr. and Mrs. A. C. McAdams, 3557 Winston Road, Fort Worth; Mrs. Faye Young, Smyer; Ophelia Dietz, daughter of Mrs. S. B. Dietz, Talpa; Mac Marcom, son of Mr. and Mrs. P. J. Marcom, Levelland; and Emily Puckett, daughter of Mr. and Mrs. Doc Puckett, Fort Stockton.

Also Jo Anne Caldwell, daughter of Mr. and Mrs. E. L. Caldwell, 7814 Stanford, Dallas; Ann Herrscher, daughter of Mrs. Gordon Herrscher, 1614 W. 20th, Odessa; Diana Henckel, daughter of Mr. and Mrs. K. C. Henckel, Pasadena; Beverly Bradberry, daughter of Mr. and Mrs. E. M. Bradberry, 609 W. Kansas, Midland; James Murphy, son of Elby Murphy, Slaton; Bea Young, daughter of Mr. and Mrs. S. E. Young, Andrews; Rosemary Donica, daughter of Mr. and Mrs. L. H. Donica, 710 Goliad, Big Spring; Mrs. Dorcas Turner, Jacksboro; Lonnie Wheeler, son of Mr. and Mrs. L. H. Wheeler, Brownfield.

(more)

English fraternity initiates Add #1

Initiates from out-of-state are Nancy Martin, daughter of Mr. and Mrs. G. Berman, 2900 Berwyn, Chicago, Ill.; Diane Graham, daughter of Mr. and Mrs. J. D. Graham, 514 N. Shipp, Hobbs, N. M.; and Thomas A. Langford, son of Mr. and Mrs. Homer T. Langford, Vay, Okla.

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Texas Technological College
Department of Public Information
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12/8/61

ATTN: Oil Editors...

LUBBOCK-- The ninth annual West Texas Oil Lifting Short Course scheduled April 12-13 at Texas Tech will feature nine phases of oil lifting.

A. A. Hardy of Tulsa, chief engineer for the W. C. Norris Division of the Dover Corp., is program chairman of the 1962 short course.

Program plans for the annual short course indicate there will be approximately 46 papers to be presented by specialists in various fields as technical lectures.

Papers to be presented this year by various petroleum engineers and production men will cover such topics as artificial lift mechanics and problems, multiple zone producing methods and equipment, rod pumping--surface and subsurface, corrosion, production handling (various phases), scale, paraffin control, production maintenance and general topics on safety, engineering fundamentals, management and tubular goods.

An informative panel discussion on oil well lifting has been added to the two-day program.

In the past eight years, more than 6,000 proceedings have been ordered and a wide number of individual papers have been reprinted and sent to firms throughout the industry, said D. A. Crawford, secretary-treasurer of the 1962 short course and assistant professor of petroleum engineering at Tech.

"We feel these orders are indicative of the great interest shown in the papers since the first short course in 1954," Crawford noted.

(more)

oil lifting short course

Add #1

"We're making every effort to again have copies of the proceedings available at the short course," said F. D. "Andy" Anderson of Lone Star Production Co. of Dallas. He is general chairman of the 1962 event.

"This will enable those attending the short course to read the papers in the proceedings and have questions ready for the lecturers after they complete their talks," Anderson said. "We were successful in having proceedings for the 1961 registrants."

Proceedings from previous short courses at Tech are still available for those interested in obtaining them.

Last spring some 371 men from 125 companies attended the short course.

The annual Texas Tech Engineering Show will be underway at the same time as the course.

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Texas Technological College
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12/8/61

Representatives from 33 area high school bands will begin competition today (Dec. 9) on the Texas Tech campus for the Region I All-State Band.

Try-outs will begin at 9 a.m. in the Tech Music Bldg. Dean Killion, director of the Red Raider Band, is coordinator of the event.

First places chosen today will be eligible to play in the Texas All-State Band which presents a concert each year at the Texas Music Educators Assn. meeting in Dallas.

In addition to the All-State Band, musicians will be chosen for the Region I Band that will present a concert sometime in January in Lubbock.

The following schools will compete in the Interscholastic League try-outs today:

New Deal, Wilson, Ropesville, Jayton, Whiteface, O'Donnell, Sudan, Idalou, Frenship, Kress, Petersburg, Falls, Plains, Springlake, Seagraves, Crosbyton, Sundown and Hale Center.

Lockney, Tahoka, Muleshoe, Morton, Floydada, Slaton, Post, Olton, Abernathy, Brownfield, Littlefield, Levelland, Plainview, Tom S. Lubbock and Monterey.

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Adrian Vaughan, Director

12/8/61

Texas Tech's Symphony Orchestra will present its first Christmas concert for the public at 4 p.m. Sunday (Dec. 10) in the Lubbock Municipal Auditorium.

Paul Ellsworth of the Tech music faculty will direct the orchestra. Dancers of the Bandzevicius Academy of Dance in Lubbock will be featured on the same program.

This first Christmas concert, which is hoped to become a traditional holiday program, will feature popular selections for children, in addition to Christmas music. The appearance of Santa Claus will add interest for the children attending.

Leroy Anderson's "A Christmas Festival," featuring festive settings of the popular Christmas carols, will highlight the Christmas selections.

Tschaikowsky's "Nutcracker Suite" will include ballets from the "Waltz of the Flowers," "Dance of the Flutes," and other dances from the Suite, to be performed by the Academy dancers.

Special costuming and lighting will be used for the dancers, while the orchestra moves to the back of the auditorium stage.

Dr. John Anderson, supervisor of music in the Lubbock Public Schools, will narrate the popular children's work, "Peter and the Wolf."

The Overture to "William Tell" by Rossini, better known as the background music for "The Lone Ranger," will be presented after Ellsworth previews the story. "Sea Songs" by Vaughan Williams is also scheduled on the program.

The concert is free to the public.

###

12/9/61

LUBBOCK --Five \$200 scholarships, aimed at easing the shortage of qualified teachers in West Texas, have been awarded at Texas Tech by the George P. Kuykendall Family of Lubbock.

Winners of the scholarships, first ever offered in teacher education at Tech, are Mrs. Betty Davie(correct) and Tom Burcham, both of Lubbock; Joy Massingill, Stephenville; Jan Glazner, 4300 Leeds, El Paso; and Barbara Fields, Munday.

The Kuykendall Scholarships will be awarded annually to students who have completed all entrance requirements into student teaching, one of the final phases of training in undergraduate teacher education.

Also the students must be registered for a bachelor of science degree in education and must have filed plans in the Tech Teacher Certification Office as evidence of their intent to enter teaching.

The five 1961 winners were chosen by the Student Teaching Committee of the Tech education department faculty. More than 60 eligible students were considered for the awards.

Dr. Morris Wallace, Tech education department head, said future winners of Kuykendall Scholarships will be determined in the following manner.

Qualified applicants who will be doing student teaching in the fall will be screened in the preceding spring by the Student Teaching Committee. The scholarships will be awarded in late summer.

Dr. Wallace said the new scholarships will help alleviate the critical shortage of qualified teachers in West Texas by encouraging good students to go into the field.

(More)

Tech scholarships Add #1

Citing the shortage, he said that last fall 55 West Texas School Systems employed more than 1,400 new teachers. The number of persons graduated with degrees and teaching certificates from West Texas institutions was less than half that figure.

Last year 5,600 sub-standard emergency teaching certificates were issued by the Texas Education Agency to help ease the teacher shortage in Texas, Dr. Wallace declared.

"The Kuykendall family is to be commended for its interest in helping resolve the problem," Dr. Wallace added.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

12/9/61

LUBBOCK-- Texas Tech has been awarded four new doctoral fellowships under the National Defense Education Act, Dr. William Bryan Gates, Tech Graduate School dean, announced.

This will bring the total National Defense fellowships awarded to Texas Tech to 13 since the program was begun in 1958. Nine fellowships have been awarded in English. Two of the new grants will be in English and two in chemistry.

A student accepted for the fellowship will receive \$6,600 over the three-year period. This provides \$2,000 the first year, \$2,200 the second and \$2,400 the third year. The fellowship also provides \$400 per dependent each year, according to Dr. Gates.

Students with bachelor's degrees from any college or university in the nation are eligible for the fellowships to Tech. Applications are available at the offices of English and chemistry department heads.

Applications will be reviewed by department heads and by Dr. Gates before recommendations are sent to the U. S. Commissioner of Education in Washington, D. C., by March 6.

The fellowships will become effective in September, 1962.

Purpose of the fellowship program is to attract qualified students into the college teaching profession.

Fifteen hundred fellowships are awarded each year to colleges and universities throughout the United States. "We feel very privileged to be included in the program," Dr. Gates said.

The fellowships enable students to acquire their doctorate in three years rather than spreading graduate work over several years, as is necessary in most cases. It also allows students to devote full time to study. Teaching by fellowship students is not required by the act, but colleges may choose to include teaching in the program.

###

12/9/61
Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Two members of Texas Tech's agronomy department attended the Inter-Agency Soils Survey Planning Conference at Texas A&M, Thursday and Friday (Dec. 7-8).

Dr. A.W. Young, department head, and Dr. B.L. Allen, associate professor, participated in round table discussions on how to improve the Texas soil survey program.

Soil surveys are made by the Soil Conservation Service. Surveyors map areas for which they are responsible, covering such things as soil types, effects of erosion, etc.

Dr. Young and Dr. Allen reviewed reports on the surveys and make recommendations on improving them.

###

Dr. Ralph Durham, head of Texas Tech's animal husbandry department, will be guest professor at the Washington State Stockman's Short Course Dec. 11-15.

Dr. Durham will give six lectures during the week and also will serve as a consultant to the 300 farmers and ranchers expected to attend the meeting at Pullman, Wash.

He will discuss beef grading, beef quality, performance testing, federal grading, new techniques for carcass grading, and other subjects pertaining to livestock

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|------|---|---------|---|---|---|---|------|
| 12/4 | Engineering prof | | | | | X | (15) |
| 12/4 | ✓ Jack Bristol | | X | | X | | |
| 12/4 | ✓ Basic cotton research | AS Form | | | | | |
| 12/4 | ✓ Christmas program | X | | | | | |
| 12/4 | ✓ Council of Good. School | X | X | X | | | |
| 12/4 | ✓ Leg. Govt. inst. Redefinition | AS | | | X | | |
| 12/4 | see it bond, instruct cont., Asaphine, reports SA6NG by one for IV 1300 down direction, Engin. post Council of Good LL | | | | X | | |
| 12/5 | ✓ Lecture - Savings | AS | X | | | | |
| 12/5 | ✓ Mkt. St. Yearly - Will - Wood | X | | | | | |
| 12/5 | ✓ Engineering Kate | X | | | | | |
| 12/6 | Cardinal program Large cotton research, fine features | | | | X | | |
| 12/7 | ✓ Ray Butler - space relations | X | | | | | |
| 12/8 | ✓ Spider Bantles - KTXT-FM | X | | | | | |
| 12/8 | ✓ Joe dyslexic | | | X | | | |
| 12/8 | ✓ Cing lid Post | X | | | X | | |
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| 12/8 | ✓ Oil State Bond | X | | | | | |
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| 12/9 | ✓ Basic cotton research | X | | | | | |
| 12/9 | ✓ Dictatorals | X | X | X | X | | |
| 12/9 | TOTALS | X | X | X | X | | |
| 12/9 | ✓ Bill Sumner / Durham school | X | | | | | |

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK --Texas Tech's chapter of Tau Beta Pi, national honorary engineering fraternity, initiated 19 engineering students in ceremonies Saturday (Dec. 2) on the Tech campus.

Tau Beta Pi membership is limited to junior engineering majors with at least a 2.4 out of a possible 3.0 grade point average and seniors with at least a 2.0.

New pledges are: Robert N. Alexander, Breckenridge; Michael H. Laird, Hitchcock Road, and Duane Lowe, 1302 Bayou Shore Drive. Galveston; Lynn S. Nored, Nocona; Louis W. Joe, 5104 Cantrell, Fort Worth; Fred R. Szenasi, 1305 Parker, Odessa; Lynn West, Lamesa ; and Thomas C. Tillotson, 927 N. Halagueno, Carlsbad, N.M.

Others pledging are: Merle R. Whatley, 2307 Shepherd, Wichita Falls; Richard T. Tarrant, Irving; William H. McCulloch, Lamesa; Don Roper and Greytan Tuggle, Lubbock; William J. Droll, Eola; J. Frank Potts, Floydada; William Lee Harrod, Lovington, N.M.; Fernando C. Vidaurri, Borger; James E. Crutcher, Kilgore; and Terry L. Guthrie, Pampa.

The Tech chapter now includes 20 active members, 20 faculty members and 5 graduate students.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Texas Tech Briefs

Texas Tech, founded in 1923, has grown steadily and now has a student enrollment of more than 10,000. It is the newest member of the Southwest Athletic Conference.

The College is located in Lubbock, the Hub of the South Plains, a city of approximately 130,000 population.

The main campus at Tech covers 1,800 acres, all but 300 of which are used as an experimental farm.

###

Enrollment at Texas Tech jumped to 10,212 in 1961, an increase of 1,034 over the previous year. Last year Tech's student population came from 222 of the 254 counties in Texas, 43 states and 24 foreign countries.

The 1961 fall student body consists of 6,799 men and 3,413 women. There were 3,588 new students, both freshmen and transfers.

The 1961 freshman class included 65 valedictorians just out of high school.

Texas Tech is the second largest state school in Texas, exceeded only by the University of Texas.

Students may work toward Bachelor's Degrees in 83 fields, Master's Degrees in 36 fields and Doctor's Degrees in six fields.

###

Financial grants for research at Texas Tech last year totaled nearly \$465,000. Work on federal projects alone cost \$213,000, including more than \$44,000 for textile research.

State appropriations for research exceeded \$137,000, plus another \$69,761 for textile research. Funds spent by private foundations totaled more than \$35,500, and \$9,357 came from other sources.

###

Valuation of the Texas Tech campus is now \$41,575,674, figured on the original cost of buildings. Since 1949, more than \$30,000,000 in capital improvements have been added, and it is estimated that additional improvements will total more than \$20,000,000 by 1970.

Eight buildings and the expansion of the football stadium were completed last year at a cost of \$4,730,000.

Now under construction are five buildings costing \$3,885,325. These buildings include a new library, and addition to the Student Union Building, an addition to the Science Building, dairy facilities and animal and poultry facilities.

A new women's dormitory will be started soon, costing approximately \$2,700,000.

###

Texas Tech provides employment for 2,055 people. Of this total, 1,287 are full-time employees and 768 work part time.

Total payroll for the 1960-61 was \$6,422,135.40.

This fall, 86 new faculty members, including replacements, were added to the staff, as were 71 new teaching fellows and 25 nonteaching staff members. There were 37 changes in faculty rank for the fall of 1961.

###

Texas Tech is like a small city. Daytime population is 12,200.

Last year more than \$226,000 was spent on utilities for the campus city. The amount of gas used would serve the needs of 3,083 average families for one year. Water used by Tech would supply 1,502 average families, and 3,749 families could be served with the amount of electricity used by the college.

Actual consumption figures increased last year to more than 287 million cubic feet of natural gas, 220 million gallons of water and 13½ million kilowatt hours of electricity.

There are 5,788 automobiles registered on the Tech campus.

###

A home away from home is provided for Texas Tech students who live in the nine campus dormitories. The dorms have a capacity of 4,447 students, furnishing room and board.

Total value of the dormitories is nearly \$13,000,000. A new women's dormitory will be constructed soon at a cost of \$2,764,000 and will accommodate 808 girls.

#

Feeding more than 4,000 students three meals a day for a year is a big job at Texas Tech. It is estimated that 3,375,000 meals will be served this fiscal year. Food is prepared and served by 22 dietitians, 152 kitchen employees and 76 student helpers.

Texas Tech's raw food budget is nearly \$826,000.

Students this year will consume 1,125,000 pounds of meat, 134,696,000 gallons of milk and 9,115 gallons of ice cream. It would take a freight train 170 cars long to transport the 8,544,000 pounds of food served in Tech's nine dormitories.

It would require 1,125 beef steers weighing 1,000 pounds each and a herd of 283 dairy cattle to supply Tech's meat and milk needs.

###

As Texas Tech grows, so does its need for operating equipment. At last inventory, there were more than 70,000 individual pieces of equipment, ranging from an electron microscope to a 60-cent war surplus chair.

The purchasing office last year issued 10,760 purchase orders, an increase of 6 per cent over the previous year. Purchases ranged from a nuclear engineering analyzer computer to 12 inches of sash cord.

###

Texas Tech has grown to become the second largest state school in Texas. It's 1,844-acre campus is reputed to be the second largest in the nation. Approximately 285 acres are in the campus proper, and the remainder is devoted to the school's experimental farm. Tech also operates a 5,800-acre research farm near Amarillo.

On the main campus of Texas Tech, there are 163 buildings, 80 of which are permanent.

The 10,212 students are enrolled in the six schools within the college. These schools include Arts and Sciences, Engineering, Business Administration, Agriculture, Home Economics and Graduate.

Bachelor's degrees are offered in 83 fields, a Master's Degree in 36 fields and the Doctor's Degree in six fields of study.

###

Paper plays an important role in the operation of any college. Last year Texas Tech's mimeograph service printed 3,194,500 sheets of paper, enough to cover 47.6 acres.

The Texas Tech Press printed 153,675 pounds of paper. In addition, the press printed 682,000 envelopes, weighing about 4½ tons.

These amounts do not include the paper duplicated in other offices on campus.

###

It costs a great deal of money to operate a school the size of Texas Tech. The 1961-62 operating budget is more than \$12,100,000, an increase of \$1,580,000 over the preceding year.

Educational and general funds per student last year were \$640. The average full-time student paid only \$162, or 25 per cent, of the amount.

Main expenses include retirement of bonds for newer buildings on campus and salaries. Telephone service cost \$93,000 and utilities cost \$226,000 last year. Operating funds for campus dormitories exceed \$2,500,000 for the current fiscal year.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Suitable for Time Copy

LUBBOCK-- When most people think of cotton, they think of limbs, leaves, bolls and roots--and they think of cotton research as a study of these parts.

But cotton also is composed of molecules, atoms and enzymes--and these also are the subject of several research projects at Texas Tech. Such "basic" investigations have led to many developments of great benefit to the entire cotton industry.

"Basic research is usually long-range because it deals with plant functions and processes," explains Charles Andrews, a researcher in Tech's textile research department.

"As a result, its importance is often underestimated. But basic research has played, and will undoubtedly continue to play, a big role in cotton's progress."

Andrews and his assistant, Leo Pulte, are engaged in basic research. They conduct studies on microscopic parts of the cotton plant and fiber in search of new information that can eventually be converted into dollars and cents for those who depend on cotton.

The work is done in cooperation with the Cotton Research Committee of Texas.

One of the projects Andrews is working on is a study of biologically damaged cotton, known as "cavitoma." This project was started by the late Dr. Lyle C. Hessler and Andrews.

"Bacteria actually eat the cotton fiber," Andrews explains. "This results in weakened fiber of inferior quality. If damage is extensive, it lowers spinning performance and end-product quality."

(more)

The first goal of this project was to find a fast, inexpensive method of detecting and measuring cavitoma. Such a method hasn't been available in the past, making it impossible for buyers to do a good job of detecting damage if it existed. A test for pH (acidity) gives an indication, but isn't the complete answer.

Andrews has come up with a way. It takes about 30 seconds and costs about \$1.15 for 1200 samples, excluding labor.

"The method already is being used to spot-check cotton to see if cavitoma exists in an area, and if so, to what degree," the researcher said. "We hope to eventually see it used on every bale."

Here's how it works.

First, a small amount of cotton is placed in the bottom of a test tube. A chemical is then added that will change color if cavitoma is present. The change is compared to a color chart that gives the colors to be expected for various degrees of cavitoma.

The chart is now being reproduced and will be available soon.

With this chore accomplished, the researchers are turning their attention to developing an inhibitor that can eventually be used to prevent cavitoma. The idea will be to apply it to the cotton either through mechanical harvesters or at the gin.

The question of why some varieties of cotton mature faster than others also is under study.

"If we knew the answer, it might be possible to make some of our present varieties mature quicker," Andrews explains. "This would mean a shorter growing time and reduced danger of late-season losses due to unfavorable weather."

(more)

The researchers are attempting to find the answer by:

(1) Making a thorough chemical analysis of different parts of the cotton boll as affected by age, varietal type, nutrient supply and growing conditions; (2) studying enzymes and enzyme systems of the boll.

"It's a long-range project," Andrews stated, "but we hope eventually to give breeders something to work with in developing faster-maturing varieties."

Andrews is working for the farmer's customers as well as for the farmer. One of these projects is concerned with "swelling."

In chemical processes that use cellulose, which includes cotton, it is necessary to "swell" the cellulose at some stage of processing. Swelling simply involves soaking the fibers, causing them to expand. This aids in such things as dyeing.

"Different end-uses require different degrees of swelling," Andrews explains. "For example, one product might require that swelling be carried to 75 per cent completion, while another might require only 50 per cent. This is regulated by varying the soaking time."

But the real trick is to measure the degree of swelling that has been achieved. In other words, how long does the fiber have to soak for 50 per cent swelling to occur?

Again, present methods are lengthy and rather complicated-- and again Andrews has come up with a better way. The method will make it possible to precisely measure the degree--and rate--of swelling under various conditions.

"This means the processor will know exactly how long to soak a given amount of cotton to get the degree of swelling needed for the product being manufactured," Andrews points out.

(more)

basic cotton research Add #3

He said a publication on the method will be out soon.

Other projects under way, or to be started soon, include determining the effect of moisture on the chemical and physical structure of cotton; finding new uses for low-grade cotton; evaluation studies for private companies and mills; and developing nuclear methods of analyzing trace elements and nitrogen in plants.

So, basic research takes a while, and the projects at Tech are no exception. But Andrews says he has patience as long as such research will benefit the cotton industry.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK, --Texas Tech has been accepted for membership in the newly formed Council of Graduate Schools in the U.S., Tech Graduate Dean W. Bryan Gates announced.

The Council is the first national organization of its kind, Dr. Gates said. It will provide a central agency for contact with the government and private foundations supporting graduate education and research.

Dr. Gates said the Council is confined to institutions that offer the doctorate in a variety of fields and that have strong and diversified master's programs.

"Tech membership in the Council will help us keep up with the latest developments in graduate education throughout the nation," Dr. Gates pointed out.

It also will be a means of informing other influential organizations of opportunities in Tech graduate training and research," he added.

To be eligible for Council membership, an institution must have conferred a minimum of 30 master's degrees and 10 doctorates in the past three years. During that period, Tech has conferred 403 master's degrees and 29 doctorates.

The Council will hold its first meeting Dec. 14-17 in Washington, D.C.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Eleven choirs of Texas Tech students will highlight the "Carol of Lights" Christmas program at 7 p.m. today (Dec.5) at the "Science Quadrangle" on the Tech campus.

The program, which will herald the advent of the Christmas season, is open to the public, Glenda Johnson, president of the Women's Residence Council, said.

The Weather Bureau reports cloudy, but cooler weather is expected for tonight which should add to the holiday spirit.

The Tech Choir, directed by Gene Kenney of the music department will sing "Glory to God in the Highest" by Roland Thompson, after group singing led by Dr. Gene Hemmle, Tech music department head.

Choirs representing seven women's residence halls and three men's dormitories will add familiar carols to the program. Some groups will present religious numbers, such as "O Holy Night" and "What Child Is This?", while others will sing the popular holiday songs, "White Christmas" and "Silver Bells."

Amon Burton of Rockwall, president of the Campus Religious Council, will deliver the invocation.

Following the invocation there will be a five-minute "black-out" of every light on the Tech campus. A trumpet fanfare by members of the Red Raider Band will signal the turning on of the 16,000 red, yellow and white lights that will outline the nine buildings on the Tech campus.

(MORE)

Add 1--Christmas program

Harold Hinn of Dallas and Plainview, a member of the Tech Board of Directors, will be unable to be present. Hinn is credited with providing not only the idea of the lights but the first funds and the personnel for inaugurating the project in 1959.

Other sponsors of the lights are the Lubbock Avalanche Journal Dunlap's and the Lubbock Clearing House Assn.

Their support helped place lights on nine structures this year, which include the Administration Building, the three buildings of the "Science Quadrangle" (the Chemistry and Science Buildings and the present library), the East and West Engineering Buildings, Textile Engineering Building, Journalism Building and Home Economics Building.

The Tech Choir and the Tech Singers will conclude the program with the singing of "We Wish You a Merry Christmas." Free refreshments will be served in the Tech Union Building.

A huge evergreen wreath on the Science Building will form a backdrop for the choirs. The Spanish custom of the luminarias--a lighted candle placed in a sack of sand--will add festive color to the campus.

Chairman of the "Carol of Lights" ceremony is Judy Cowger, a member of the Women's Residence Council from Stamford. Others working on the event include Delores Hunt, Dallas, decorations; Pat Runnels, Brownfield, publicity; Linda Hill, Cleburne, refreshments; Roxanne Townsen, Hale Center, speaker system; Mary Ann Fowler, Lampasas, treasurer; and Miss Johnson, WRC president.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

ATTENTION: PETROLEUM EDITORS

LUBBOCK --Two seniors in the Texas Tech School of Engineering have been awarded top petroleum engineering scholarships this year.

Duane Crawford, assistant professor of petroleum engineering, announced Kenneth Wade Harbin of Mathis and Johnny McDonald, Fluvanna, as the scholarship recipients.

Harbin was awarded the annual \$300 Charles H. Snelson Memorial Scholarship, given by the Society of Petroleum Engineers of the American Institute of Mining and Metallurgical Engineers.

The son of Mr. and Mrs. T. C. Harbin of Mathis, he is the chairman of the student SPE Chapter at Texas Tech this year.

McDonald received the annual \$250 Leif Olson American Institute of Mining and Metallurgical Engineers' Scholarship.

He is president of Pi Epsilon Tau, national professional petroleum engineering fraternity. He is the son of Mr. and Mrs. Panch McDonald of Fluvanna.

Both students will receive the Bachelor of Science degree in the spring, 1962.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

SUITABLE FOR TIME COPY

LUBBOCK --A veteran of 35 years as instructor at the U.S. Naval Academy and noted biographer of heroes of the sea has come out of retirement to help ease Texas Tech's growing pains.

He is Charles Lee Lewis, who came to Lubbock in 1954 to live near his son and family and to settle down for an attempt at historical fiction writing.

However, when fall registration produced more history classes than full-time instructors, Lewis was asked to take over one class in United States history. He consented and now has one class of 34 students three days a week.

"I had no idea of ever teaching again," said Lewis, who retired from the Naval Academy in 1951. "My wife and I came to Lubbock because my son (Dr. and Mrs. William Q. Lewis, 3210 46th St.) and his family live here. Being with the children and grandchildren is a strong pull."

Now writing has taken a back seat to preparing lectures and grading test papers. But Lewis admits his fiction novels have not been as successful as his 11 published books on the greatest Naval leaders of all time.

Lewis' study at his home, 1901 28th St., has a vast collection of books on naval and military history. On the top shelf are his own.

Lewis' works, starting at the beginning include:

Famous American Naval Officers, published in 1924, a collection of biographies of naval heroes through World War I;

(more)

Matthew Fontaine Maury, Pathfinder of the Seas, a biography of the man who pioneered sea lanes during the mid 1800's, published in 1927;

Admiral Franklin Buchanan, commander of the Merrimac during the Civil War and first superintendent of the Naval Academy, published in 1929;

Famous Old World Sea Fighters, a collection of biographies of naval combatants from the Greek Navy in 428 B.C. through World War I. It was published in 1929 and later published in England in 1930;

The Romantic Decatur, the life of Stephen Decatur who gained fame during the War of 1812. It was published in 1937 and dedicated to his grandson, Richard Leahy, now a graduate of the Naval Academy and a Navy officer;

Admiral in the Making, the first of two volumes on the life of David Glasgow Farragut up to the Civil War. It was published in 1941;

Our First Admiral, the second volume on Farragut, published in 1943;

Books of the Sea, a reference book containing sea stories, short stories, poetry, sea plays and biographies, published in 1943;

Admiral De Grasse and American Independence, a biography of the French Admiral who helped America's fight for freedom in the capture of Yorktown, published in 1945;

Famous American Naval Officers, a second book to add to his first writing, a collection of biographies of naval officers in World War II, published in 1945;

Famous American Marines, the counterpart of his Navy biographies, written at the request of his publisher and published in 1948;

(more)

Two other books during this time included an English literature text and a biography of Philander Priestley Claxton, Lewis' teacher at the University of Tennessee who later became U. S. Commissioner of Education.

"I don't know how I did it," Lewis said as he reflected on his writings. "At the time I didn't think much about the work involved. I just wrote one book at a time and it didn't seem so bad."

Lewis spent his summers gathering material for his writings from a number of libraries and historical societies. Much of this material came from the libraries at Harvard, Princeton and Yale, the New York Public Library, the Library of Congress and the Navy Department Library.

After gaining an intimate knowledge of history's outstanding seamen, who was the greatest of them all?

"Farragut," is Lewis' ready answer.

"He was in the Navy from the time he was 12 years old," Lewis revealed. "Farragut participated in the War of 1812, the Mexican War and the Civil War. He was important in winning the battles of Mobile Bay and New Orleans during the Civil War."

Of course Lewis said he has admiration for many naval officers "who have helped to make our country what it is."

Lewis was graduated from the University of Tennessee in 1906. He taught for five years at Robert College, an American school in Constantinople, now Istanbul. He went there as temporary head of the English Department.

"But when World War I broke out, I decided I had better return to the United States," Lewis said.

He then entered the Naval Academy in 1916 as an instructor in the Department of English and History.

(more)

Lewis has another proud connection with the Navy. His daughter married the nephew of the late Fleet Admiral William D. Leahy, former Chief of Naval Operations and presidential Naval advisor during World War II.

But aside from all his works on naval history, Lewis admits his real hero is Gen. Robert E. Lee.

"He's my man," Lewis said. "Lee is tops in military history as far as I'm concerned. To do what he did with the number of men he had requires the greatest military ability."

Lewis owns more than half of the biographies written about Gen. Lee. One was published in 1867. Lewis' study is lined with pictures of Lee.

Fiction, Lewis found out, is far different from his biographical writings. None of his fiction novels have yet been published.

The first was *The Pasha's Daughter*, based on his experiences in Constantinople, where he taught the six grandchildren of the mother of the Khedive. There were three boys and three girls, all cousins. One of the girls eventually married an American Naval officer and lives in Washington, D. C., and Lewis corresponded with her in recent years.

Another historical fiction writing is *Captain Taylor's Odyssey*, based on the experiences of Capt. William Lewis of the War of 1812.

"I had trouble with my agent on this one," Lewis said. "She thought the dialogue was too old fashioned." Lewis felt that the old way of speaking lent authenticity to his novels, but he later compromised and toned down the dialogue with slightly more modern speech.

(more)

"I may not be able to market these books," Lewis said. "You know today's novels are 99 per cent sex."

But teaching history at Tech now comes first. As a veteran in the teaching field, Lewis has let his students know they can't slide by without working. "I issued several unsatisfactory grades at mid-term," Lewis said. "And on our next test, grades went up mysteriously."

His temporary job at Tech has introduced a somewhat new experience to Lewis. After 35 years at the Naval Academy, he now finds it unusual to find girls in his class.

"But you know," Lewis commented, "the girls have turned out to be the best students."

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Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK --Some 175 seamstresses will have a chance to show off their talents during the District I "Make-It-Yourself-With-Wool" contest in Texas Tech's School of Home Economics Saturday (Dec. 9).

Each of the 60 counties in District I may enter four contestants. The seamstresses may enter an all-wool dress, suit or coat which they have made from 100 per cent wool. Garments are judged on quality of construction and on general appearance on models. Contestants model their own garments.

The top adult winner and the top 10 per cent of both the junior and senior divisions will be eligible to compete at the state contest at Tech on January 6.

In the judging, construction counts 35 of a possible 100 points. Such things as seams, hems and zippers are considered. This phase of the contest will be held Friday (Dec. 8).

Fashion and appearance count 65 points and include suitability of accessories, fit of the garment and appearance of the complete costume.

This phase will be judged Saturday morning and will be closed to the public. Contestants will model their handiwork in Home Economics Building at 3:00 p.m. Saturday in a "grand finale," which will be open to everyone interested. Winners will be announced at this event.

Judges of construction quality will be Miss Nena Roberson, former extension clothing specialist; Mrs. Myra Timmons of Tech's School of Home Economics; and Mrs. Annie Margaret Turner Clark, former homemaking teacher. All are from Lubbock.

Fashion and appearance judges will be Jack Christian, executive assistant for the South Plains Electric Cooperative; Mrs. Mark Anthony of Lubbock; and Mrs. Milton Davis of Slaton. Mrs. Anthony and Mrs. Davis are former homemaking teachers.

The contest is sponsored by the women's auxiliary of the National Wool Growers' Association; the women's auxiliary of the Texas Goat and Sheep Raisers' Association; and the American Wool Council. Mrs. S.M. Harvick, Ozona, is state director.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--Texas Tech's School of Engineering has received a gift of safety hats for junior and senior chemical engineering students from Phillips Petroleum Co. in Bartlesville, Okla.

The gift of 38 safety hats, sometime called "hard hats," is being used in the chemical engineering department to further the safety program of the department, according to Engineering Dean John R. Bradford.

The hats are made of "Marlex," a high impact plastic material. They will supplement the chemical engineering safety uniform of white monogrammed overalls worn in lab work.

"At Tech we are trying to incorporate and insist upon safety practices in our lab operations," Dean Bradford said.

With this gift from Phillips and with other safety precautions, we are advocating safety without a detrimental effect in the terms of teaching course work. These safety habits that we are developing in our students do not inhibit their lab performance, rather they improve their overall performance, Dean Bradford stated.

The safety measures are being encouraged especially in the chemical engineering department and in the laboratories of courses associated with unit operations, process development and instrumentation and control.

Dean Bradford stressed that industry had learned through years of experience that safety on the job pays off in many ways. It prevents loss of time and makes the worker a better employee and likewise develops a "sixth sense," which he can later develop in his home for a safer environment.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK-- Tommie Allen of Dimmitt, is a member of the Texas Tech Symphony Orchestra which will present its first Christmas concert for the public at 4 p.m. Sunday (Dec. 10), in the Lubbock Municipal Auditorium.

Tech's orchestra, directed by Paul Ellsworth, will present the program, which is hoped to be a traditionally annual event, in conjunction with the dancers of the Bandzevicius Academy of Dance.

Various selections which will be presented at the concert are the Nutcracker Suite by Tschaikowsky, "Peter and the Wolf," Overture to "William Tell," and "A Christmas Festival," featuring festive settings of the popular Christmas carols.

Special highlights of the program will be a visit from Santa Claus and the selection of a member of the audience to direct the Tech Symphony in a number.

The concert is free.

Miss Allen is the daughter of Mr. and Mrs. Louie Allen, Box 592.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK-- ~~Linda Lou Billings and~~ Carlos Kent McIntosh
of Fort Worth ^{has} ~~have~~ been selected for special honors work in the
Texas Tech School of Business, Administration, Dean George G.
Heather announced.

The honors activities are designed to enrich the studies of
students who have demonstrated academic superiority.

~~Miss Billings and~~ McIntosh ^{was} ~~were~~ given the opportunity to
participate in honors studies on the basis of high scores on
freshman placement tests, high achievement in high school studies,
and other indications of being superior students.

As ^{an} ~~honor student~~, ~~Miss Billings and~~ McIntosh will complete
all regular requirements for a degree. In addition they will
participate in special seminars, research, discussion and individual
study programs.

^{He} ~~They~~ will have the advantage of special instruction by some
of Tech's top faculty members.

"Our honors activities are among the first in business
administration in the entire nation," Dean Heather said.

Twenty-one Tech students have accepted invitations to
participate in the honors activities.

~~Miss Billings is the daughter of Mr. and Mrs. R. E. Billings,~~
~~3687 Encanto.~~ McIntosh is the son of Mr. and Mrs. Willis C.
McIntosh, 5445 Volder.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK --Kay Porter of Jacksboro has been awarded the first Linda M. Speech Scholarship (correct) at Texas Tech.

Miss Porter is a senior speech therapy major and psychology minor.

Dr. P. Merville Larson, speech department head, announced Miss Porter as the recipient of the \$100 scholarship, awarded for talent, grades, leadership and service to the speech department.

The money comes from investment funds furnished Texas Tech by Mr. and Mrs. Ray C. Mowery, former members of the animal husbandry and speech departments, respectively.

Miss Porter is president of Sigma Alpha Eta, speech therapy fraternity; vice president of the Assn. of Women Students; and first vice president and pledge trainer of Gamma Phi Beta, social sorority. She is a member of Mortar Board, senior women's honor society.

She is the daughter of Mr. and Mrs. C. B. Porter of 114 South Main in Jacksboro. She will receive the B. A. degree in May, 1962, and then plans graduate work in the East.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK --Texas Tech's annual Raider Rambles talent show will again feature some of the best collegiate talent from West Texas this year.

The show will be presented at 7:30 p.m. Friday, Dec. 15, in the ballroom of the Tech Union.

All colleges and universities in West Texas are eligible to enter acts. The first place winner will be eligible to go to College Station to compete in the annual Texas A & M Intercollegiate Talent Show.

Texas A & M chooses 10 acts for their annual show which is presented at Southwest Conference schools in the spring. Last year Clyde Bateman of Tech received a spot on the show.

Acts entered at present include vocalists, a modern dance routine, a folk-singing trio and various vocal groups.

###

LUBBOCK --Texas Tech's KTXT-FM radio station (91.9 mcs) has scheduled a new show of evening music for Tuesday and Thursday nights.

Serge Chernay of 605 Sul Ross, Houston, will emcee the two - hour show from 6-8 p.m. called "Campus Showcase."

The show features music by such recording artists as the Kingston Trio, Frank Sinatra, Nat King Cole, and the Limelighters, and numbers from Broadway musicals.

Charles Buzzard of the speech faculty is director of the campus FM station.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK-- Twenty-seven Texas Tech students have been initiated into Sigma Tau Delta, honorary English fraternity.

Members must be a junior or senior majoring or minoring in English and have a 2.2 overall grade point average.

Initiates from Lubbock are Ray Thompson, son of Mr. and Mrs. Neal Thompson, 2429 22nd; Rosemary Patterson, daughter of Mr. and Mrs. V. E. Patterson, 2808 Canton; Libby Malley, daughter of Mrs. Mary Malley, 2106 9th; Judy Kinney, daughter of Mr. and Mrs. Harry J. Kinney, 3110 49th; Mrs. Barbara Kanipe, 2208 17th; Janis Richardson, daughter of Mr. and Mrs. J. C. Richardson, 3617 47th; Mrs. Betty Mabry, 2310 14th; Anna Gayle Ryan, daughter of Mr. and Mrs. Alvin L. Ryan, 2605 40th.

Other students initiated are Mrs. Connie Holt Jones, Petersburg; Lynn Neuman, daughter of Mr. and Mrs. Nandor Neuman, Maverick; Norma McAdams, daughter of Mr. and Mrs. A. C. McAdams, 3557 Winston Road, Fort Worth; Mrs. Faye Young, Smyer; Ophelia Dietz, daughter of Mrs. S. B. Dietz, Talpa; Mac Marcom, son of Mr. and Mrs. P. J. Marcom, Levelland; and Emily Puckett, daughter of Mr. and Mrs. Doc Puckett, Fort Stockton.

Also Jo Anne Caldwell, daughter of Mr. and Mrs. E. L. Caldwell, 7814 Stanford, Dallas; Ann Herrscher, daughter of Mrs. Gordon Herrscher, 1614 W. 20th, Odessa; Diana Henckel, daughter of Mr. and Mrs. K. C. Henckel, Pasadena; Beverly Bradberry, daughter of Mr. and Mrs. E. M. Bradberry, 609 W. Kansas, Midland; James Murphy, son of Elby Murphy, Slaton; Bea Young, daughter of Mr. and Mrs. S. E. Young, Andrews; Rosemary Donica, daughter of Mr. and Mrs. L. H. Donica, 710 Goliad, Big Spring; Mrs. Dorcas Turner, Jacksboro; Lonnie Wheeler, son of Mr. and Mrs. L. H. Wheeler, Brownfield.

(more)

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Representatives from 33 area high school bands will begin competition today (Dec. 9) on the Texas Tech campus for the Region_I All-State Band.

Try-outs will begin at 9 a.m. in the Tech Music Bldg. Dean Killion, director of the Red Raider Band, is coordinator of the event.

First places chosen today will be eligible to play in the Texas All-State Band which presents a concert each year at the Texas Music Educators Assn. meeting in Dallas.

In addition to the All-State Band, musicians will be chosen for the Region I Band that will present a concert sometime in January in Lubbock.

The following schools will compete in the Interscholastic League try-outs today:

New Deal, Wilson, Ropesville, Jayton, Whiteface, O'Donnell, Sudan, Idalou, Frenship, Kress, Petersburg, Ralls, Plains, Springlake, Seagraves, Crosbyton, Sundown and Hale Center.

Lockney, Tahoka, Muleshoe, Morton, Floydada, Slaton, Post, Olton, Abernathy, Brownfield, Littlefield, Levelland, Plainview, Tom S. Lubbock and Monterey.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Texas Tech's Symphony Orchestra will present its first Christmas concert for the public at 4 p.m. Sunday (Dec. 10) in the Lubbock Municipal Auditorium.

Paul Ellsworth of the Tech music faculty will direct the orchestra. Dancers of the Bandzevicius Academy of Dance in Lubbock will be featured on the same program.

This first Christmas concert, which is hoped to become a traditional holiday program, will feature popular selections for children, in addition to Christmas music. The appearance of Santa Claus will add interest for the children attending.

Leroy Anderson's "A Christmas Festival," featuring festive settings of the popular Christmas carols, will highlight the Christmas selections.

Tschaikowsky's "Nutcracker Suite" will include ballets from the "Waltz of the Flowers," "Dance of the Flutes," and other dances from the Suite, to be performed by the Academy dancers.

Special costuming and lighting will be used for the dancers, while the orchestra moves to the back of the auditorium stage.

Dr. John Anderson, supervisor of music in the Lubbock Public Schools, will narrate the popular children's work, "Peter and the Wolf."

The Overture to "William Tell" by Rossini, better known as the background music for "The Lone Ranger," will be presented after Ellsworth previews the story. "Sea Songs" by Vaughan Williams is also scheduled on the program.

The concert is free to the public.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK-- Texas Tech has been awarded four new doctoral fellowships under the National Defense Education Act, Dr. William Bryan Gates, Tech Graduate School dean, announced.

This will bring the total National Defense fellowships awarded to Texas Tech to 13 since the program was begun in 1958. Nine fellowships have been awarded in English. Two of the new grants will be in English and two in chemistry.

A student accepted for the fellowship will receive \$6,600 over the three-year period. This provides \$2,000 the first year, \$2,200 the second and \$2,400 the third year. The fellowship also provides \$400 per dependent each year, according to Dr. Gates.

Students with bachelor's degrees from any college or university in the nation are eligible for the fellowships to Tech. Applications are available at the offices of English and chemistry department heads.

Applications will be reviewed by department heads and by Dr. Gates before recommendations are sent to the U. S. Commissioner of Education in Washington, D. C., by March 6.

The fellowships will become effective in September, 1962.

Purpose of the fellowship program is to attract qualified students into the college teaching profession.

Fifteen hundred fellowships are awarded each year to colleges and universities throughout the United States. "We feel very privileged to be included in the program," Dr. Gates said.

The fellowships enable students to acquire their doctorate in three years rather than spreading graduate work over several years, as is necessary in most cases. It also allows students to devote full time to study. Teaching by fellowship students is not required by the act, but colleges may choose to include teaching in the program.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Two members of Texas Tech's agronomy department attended the Inter-Agency Soils Survey Planning Conference at Texas A&M, Thursday and Friday (Dec. 7-8).

Dr. A.W. Young, department head, and Dr. B.L. Allen, associate professor, participated in round table discussions on how to improve the Texas soil survey program.

Soil surveys are made by the Soil Conservation Service. Surveyors map areas for which they are responsible, covering such things as soil types, effects of erosion, etc.

Dr. Young and Dr. Allen reviewed reports on the surveys and make recommendations on improving them.

###

Dr. Ralph Durham, head of Texas Tech's animal husbandry department, will be guest professor at the Washington State Stockman's Short Course Dec.11-15.

Dr. Durham will give six lectures during the week and also will serve as a consultant to the 300 farmers and ranchers expected to attend the meeting at Pullman, Wash.

He will discuss beef grading, beef quality, performance testing, federal grading, new techniques for carcass grading, and other subjects pertaining to livestock

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK --Five \$200 scholarships, aimed at easing the shortage of qualified teachers in West Texas, have been awarded at Texas Tech by the George P. Kuykendall Family of Lubbock.

Winners of the scholarships, first ever offered in teacher education at Tech, are Mrs. Betty Davie(correct) and Tom Burcham, both of Lubbock; Joy Massingill, Stephenville; Jan Glazner, 4300 Leeds, El Paso; and Barbara Fields, Munday.

The Kuykendall Scholarships will be awarded annually to students who have completed all entrance requirements into student teaching, one of the final phases of training in undergraduate teacher education.

Also the students must be registered for a bachelor of science degree in education and must have filed plans in the Tech Teacher Certification Office as evidence of their intent to enter teaching.

The five 1961 winners were chosen by the Student Teaching Committee of the Tech education department faculty. More than 60 eligible students were considered for the awards.

Dr. Morris Wallace, Tech education department head, said future winners of Kuykendall Scholarships will be determined in the following manner.

Qualified applicants who will be doing student teaching in the fall will be screened in the preceding spring by the Student Teaching Committee. The scholarships will be awarded in late summer.

Dr. Wallace said the new scholarships will help alleviate the critical shortage of qualified teachers in West Texas by encouraging good students to go into the field.

(More)

Tech scholarships Add #1

Citing the shortage, he said that last fall 55 West Texas School Systems employed more than 1,400 new teachers. The number of persons graduated with degrees and teaching certificates from West Texas institutions was less than half that figure.

Last year 5,600 sub-standard emergency teaching certificates were issued by the Texas Education Agency to help ease the teacher shortage in Texas, Dr. Wallace declared.

"The Kuykendall family is to be commended for its interest in helping resolve the problem," Dr. Wallace added.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

ATTN: Oil Editors...

LUBBOCK-- The ninth annual West Texas Oil Lifting Short Course scheduled April 12-13 at Texas Tech will feature nine phases of oil lifting.

A. A. Hardy of Tulsa, chief engineer for the W. C. Norris Division of the Dover Corp., is program chairman of the 1962 short course.

Program plans for the annual short course indicate there will be approximately 46 papers to be presented by specialists in various fields as technical lectures.

Papers to be presented this year by various petroleum engineers and production men will cover such topics as artificial lift mechanics and problems, multiple zone producing methods and equipment, rod pumping--surface and subsurface, corrosion, production handling (various phases), scale, paraffin control, production maintenance and general topics on safety, engineering fundamentals, management and tubular goods.

An informative panel discussion on oil well lifting has been added to the two-day program.

In the past eight years, more than 6,000 proceedings have been ordered and a wide number of individual papers have been reprinted and sent to firms throughout the industry, said D. A. Crawford, secretary-treasurer of the 1962 short course and assistant professor of petroleum engineering at Tech.

"We feel these orders are indicative of the great interest shown in the papers since the first short course in 1954," Crawford noted.

(more)

"We're making every effort to again have copies of the proceedings available at the short course," said E. D. "Andy" Anderson of Lone Star Production Co. of Dallas. He is general chairman of the 1962 event.

"This will enable those attending the short course to read the papers in the proceedings and have questions ready for the lecturers after they complete their talks," Anderson said. "We were successful in having proceedings for the 1961 registrants."

Proceedings from previous short courses at Tech are still available for those interested in obtaining them.

Last spring some 371 men from 125 companies attended the short course.

The annual Texas Tech Engineering Show will be underway at the same time as the course.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK-- The Texas Tech chapter of Alpha Delta Sigma, professional advertising fraternity, has announced the names of the members of the largest pledge class in the chapter's history since its founding at Tech in 1958. There are 19 members in the pledge class.

ABILENE-- Don Spaulding, social chairman, is the son of Mrs. Geneva W. Spaulding, 1709 Shelton.

DALLAS-- Ronnie Herrin is the son of Mr. and Mrs. F. P. Herrin, 4108 Greenbrier.

Charles Isom is the son of Mr. and Mrs. D. B. Isom, 5115 W. Purdue.

HOUSTON-- Gregg Spickard is the son of Mr. and Mrs. G. V. Spickard, 3201 Cameo.

Jim Vick, secretary, is the son of Mr. and Mrs. J. H. Vick, 3318 Sackett.

LUBBOCK-- Sam Burke, treasurer, is the son of Mr. and Mrs. S. L. Burke, 2712 39th.

Jim Chauncey is the son of Mr. and Mrs. Arnold Chauncey, 3802 25th.

Eddie Durfee is the son of Mr. and Mrs. Jack Durfee, 3512 30th.

Bill Gafford is the son of Mr. and Mrs. J. D. Gafford, 3319 26th.

Joe Hobson is the son of Mr. and Mrs. Floyd Hobson, 2422 20th.

Larry Keenum is the son of Mr. and Mrs. A. L. Keenum, 4012 48th.

Weldon Maxey, vice-president, is the son of Mr. and Mrs. H. M. Maxey, 712 Zenith.

Jim Meyers is the son of Mr. and Mrs. M. D. Meyers, 3802 27th.

Bob Plunkett is the son of Mr. and Mrs. J. B. Plunkett, 2320 30th.

Mike Poindexter, sergeant-at-arms, is the son of Mr. and Mrs. Frank Poindexter, 3607 37th.

(more)

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Twenty-three Texas Tech students have been selected to the 1961-62 "Who's Who in American Colleges and Universities," Dean of Student Life James G. Allen announced today (Dec. 11).

A committee of 10 students, two representing each of the undergraduate schools at Tech, selected the students for the national honor.

The 23 students were selected on the basis of excellence in the areas of scholarship, leadership, character and service to the student body. A grade point average of 1.65 or better out of a possible 3.0 was established as the minimum average of those selected.

The students and their activities will appear in the national edition of "Who's Who," and they will be saluted in the LaVentana yearbook.

Receiving the honor are: Thomas Kenneth Abraham, Canadian junior; Linda M. Barnhill, Houston senior; Amon Burton, Rockwell junior; Ouida M. Daugherty, Grand Prairie senior; Michael Gene Denton, Lovington, N. M., senior; LaRue Elliott, Lubbock senior; and George Bruce Gibson, Dallas senior.

Wendell L. Kent, Sweetwater senior; Peggy Maloy, Waco senior; James Ray Melton, Honey Grove senior; Mary Jo McClain, Lubbock senior; Carl W. McKinzie, Lubbock senior; George E. (Jerry) Parsons, Lubbock junior; Addison Lee Pfluger, Eden junior; Don Roper, Lubbock senior; and Richard T. Sharpe, Plainview senior.

Also, E. Carlyle Smith, Grand Prairie senior; Bobby C. Switzer, Monahans senior; Robert Larry Taylor, Lubbock senior; Richard K. Toll, Pecos senior; Carolyn Vines, Albany senior; Rowena Ann Williams, Lubbock junior; and Nickie Joyce Woefel, Bovina junior.

###

Alpha Delta Sigma pledges Add #1

MIDLAND-- Bob Barber is the son of Mr. and Mrs. L. E. Barber,
1208 Delmar.

SAN ANGELO-- Bob Smith is the son of Mr. and Mrs. R. C. Smith,
2602 Jann.

SLATON-- Mike Davis.

STERLING CITY-- Mims Reed, president.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK-- Thomas Kenneth Abraham, son of Mr. and Mrs. Tom Abraham of Canadian, is one of 23 Texas Tech students selected to "Who's Who in American Colleges and Universities" for the 1961-62 school year.

Nominees were selected on the basis of excellence in the areas of scholarship, leadership, character and service to the student body. The 23 students and their activities will appear in the 1961-62 national "Who's Who" edition.

Abraham is a junior industrial engineering major with a 2.28 grade point average out of a possible 3.0. He is a Student Council representative and a member of the Athletic Council this year.

He is general manager of the Science and Engineering Show and was assistant general manager of the Science and Engineering Show in 1960-61.

Abraham is a member of Phi Gamma Delta, social fraternity; was a member of Phi Eta Sigma, scholastic honorary, 1960-61; and was selected to Tech Salutes, 1960-61.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Forty-two contestants will parade their animals before the judges Saturday (Dec. 16) in the 14th annual Little International Livestock show beginning at 1 p.m. in Texas Tech's Livestock Pavilion.

Other highlights of the show will include selection of Miss Milk Maid, the auctioning off of 75 cured hams and a harness contest for agriculture faculty members.

The public is invited to the show. Admission is free.

Students will compete in beef cattle, swine, dairy cattle, sheep and quarter horse divisions of the livestock show.

All student contestants have groomed and worked with their animals for the past month. The show provides valuable experience in handling the livestock. Ribbons will be presented to winners in each division.

The Little International is sponsored by Tech's Block and Bridle Club, an honorary society in the field of animal husbandry. Proceeds from the ham auction will finance activities of the Block and Bridle Club.

Any campus organization may enter a girl in the Milk Maid contest. Girls with some agriculture background will compete in a three-minute milking contest. The winner will be declared Miss Milk Maid.

Seventy-five hams cured and stamped by the Block and Bridle Club will be sold to the highest bidder. The hams average about 15 pounds. A grand champion and a reserve champion ham will be selected for special auctioning. Last year's grand champion was bought by Lewter Grain Co. for \$105.

(More)

Little international---add 1

The ham auction will end the afternoon show. Kenneth Bozeman will be auctioneer.

Faculty and staff members of the agriculture department will show the student how it's done when they enter the harnessing contest. Using Tech farm horses, the faculty members will divide into two teams to see which team can get their animals in traces first.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK --Don Hampton Biggers--colorful Texas newspaperman, free lance writer, politician and farmer--is the subject of a new book, A Biggers Chronicle, written by Dr. Seymour V. Connor, Texas Tech history professor.

Founder of more than a half dozen Texas newspapers, Biggers recorded much first-hand information on the development of the Texas cattle industry.

Biggers, described by Connor as the "angry young man of Texas until he was over 80," was born in 1868 in Meridian, Tex., and died in 1957 in Stephenville.

The Chronicle consists of a reprint of the extremely rare History That Will Never Be Repeated, by Lan Franks (pseud.) and a biography of Biggers by Connor.

To be available through book stores over the state in early January, the 147-page Chronicle is considered a collectors' item.

Dr. Connor credits Miss Louise Mooar, daughter of the famed buffalo hunter and rancher, John W. Mooar, for giving the only known copy of the original 1901 edition of History That Will Never Be Repeated to the Southwest Collection, of which Connor is director.

The reprinted book is a first-hand account of the cattle industry in Texas, as well as the story of the great buffalo slaughter in the seventies. It is a forerunner of another book by Biggers, From Cattle Range to Cotton Patch.

"This reprint should be doubly valuable to most collectors of cattle material and all collectors of Texana," Dr. Connor said.

In his biography, Connor emphasizes both Biggers' political and newspaper career. Biggers served two terms as a member of the Texas Legislature (1915 and 1920). He ran unsuccessfully for U. S. Senator in 1927 and Texas Commissioner of Agriculture.

(More)

His journalistic career is probably better known than his political since he was responsible for establishing half a dozen Texas newspapers and/or publishing at one time or another a score of periodicals.

These periodicals include Biggers' Magazine, Biggers' Semi-Monthly, Billy Goat Always Buttin' In, Breckenridge Texian, Clayton (N.M.) Union Democrat, Colorado Spokesman, The Coyote, Desdemona News, Independent Oil News and Financial Reporter, The Josher, Live's ABC's, The Limelight, The Lone Coyote, Midland Gazette, Eastland Oil Belt News, The Passing Show, Ranger Atlas, The Record, The Square Deal, The Texas Cleaver and the Texas Tail Twister.

A free lancer as well as an author, Biggers published six books which include: Handbook of Reference...to Eastland County, an enthusiastic description of the county's great advantages in 1889; History That Will Never Be Repeated, published in 1901 in Ennis; Pictures of the Past, story of the buffalo hunting era published in 1902 in Colorado City; From Cattle Range to Cotton Patch, published in 1905 in Abilene; Shackelford County Sketches, containing many of his childhood stories, published in 1908 in Albany; and Our Sacred Monkeys, a satire on former Texas Gov. Jim Ferguson, published in 1933 in Brownwood.

His brief farming venture was in Lubbock where he leased an extensive tract on the site of the present Texas Tech campus, in addition to a 20-acre garden plot on the outskirts of Lubbock. In 1912 he drilled a large well and attempted to pioneer irrigated crop production in the South Plains area.

Biggers' "gypsy roving" carried him to more than 30 places to live.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

The Texas Tech Bands and Singers will combine forces Sunday (Dec. 17) for their annual Christmas concert.

The public is invited to the free concert at 3:30 p.m. in the ballroom of the Tech Union Building.

Dean Killion, director of Tech bands, will conduct the first band in "Greensleeves," an English carol; "Marche Militaire Francaise" by Saint-Saens and "Carol of the Drums."

"The Christmas Story" by Ron Nelson, a contemporary composer, will be presented by the Tech Singers, directed by Gene Kenney of the music faculty.

A brass ensemble will accompany the selection to be narrated by Richard Tolley, also of the music faculty. Jerry Hoover, Roswell, N. M., senior, will sing the baritone solo in the number.

The second band will present the last part of the program with "March of Law and Order" by Alford, followed by Rimsky-Korsakov's "Overture to the Stars Bride."

The band will conclude the concert with "Christmas Fantasy" by Lillya.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

The highest award a cadet can receive while in ROTC will be bestowed upon a Texas Tech senior Thursday (Dec. 14) at 4 p.m. in Aggie Auditorium.

The Army and Navy Legion of Valor Bronze Cross will be awarded Cadet Major Bobby Switzer, a business administration major from Monahans.

Major Richard McCaffrey, Commanding Officer of Fourth Army Headquarters Company and attached units at Ft. Sam Houston, will make the presentation.

Originated last spring by the Department of the Army, the award is being presented for the first time this year. Only two medals can be presented this year in the Fourth U. S. Army area, which includes Texas, New Mexico, Oklahoma, Louisiana and Arkansas.

About 15 medals are presented in the U. S., which averages out to only one for each 1,000 ROTC seniors.

Switzer has compiled a long list of honors during his college career, the most recent being his selection to the 1961-1962 Who's Who in American Universities and Colleges.

Last year he was the highest ranking student in both the school of Business Administration and the department of Military Science.

His numerous other honors include distinguished military student; associate justice, Texas Tech Supreme Court; president of Delta Tau Delta, social fraternity, in the fall of 1960; and a member of Beta Gamma Sigma, honorary business fraternity, and Phi Kappa Phi, upperclassmen's honor society.

(MORE)

Switzer--add 1

Also outstanding in his scholastic field, Switzer has maintained a 2.60 grade point average out of a possible 3.0.

The medal is being presented by the U. S. Legion of Valor, which has headquarters in Fairfax Va. Membership is composed of men who have received the Medal of Honor, Distinguished Service Cross for Valor, or the Navy Cross for Valor, the three highest decorations a member of the armed forces may receive.

###

Exclusive to Globe-Times and News

Vincent Bogda, a 1961 graduate of Amarillo High School, will have set some sort of personal record when he receives his degree from Texas Tech.

A member of an Air Force family, Bogda moved eight times during his public school education. His four years at Tech will be his longest stay at any one school.

Bogda, the son of Lt. Col. and Mrs. Michael P. Bogda Jr., 2207 E. 23rd St., Amarillo, was valedictorian of his high school graduating class. His high school career alone spanned two continents.

When he enrolled at Tech in September as an electrical engineering major, Bogda became one of 65 high school valedictorians in the Tech freshman class. As the South Plains institution continues to attract much of the "cream of the crop" from Texas high schools, the 1961-62 freshman class averages one valedictorian for each 37 students.

During his 12 years of school, Bogda was constantly on the move. He started out attending the first and second grades in Houston. The third, fourth, fifth and part of the sixth grades were spent in Wichita, Kan., and Montgomery, Ala. Bogda finished the sixth and seventh grades in Monterey, Calif.

Then came the big move--to Munich, Germany. Bogda spent his eighth and ninth grade years there, before moving to Frankfurt, Germany for his sophomore year.

Finally the Bogda family was transferred to Amarillo where Vincent finished his junior and senior years, graduating at the head of his class.

(More)

His sister, Marie, is now a senior at Amarillo High School and has a similar history of hopping from school to school.

Moving from one school to the other, experiencing many different teachers and teaching methods didn't hurt Bogda's grades. He graduated with a 97.13 average.

While at Amarillo High, Bogda was a member of the National Honor Society, vice-president of the Ken Club, a school honor society and a member of Allied Youth. He won district and regional honors in Interscholastic League science competition and was a finalist in the National Merit Scholarship program.

"When I was a freshman I decided I wanted to be an engineer," Bogda said, but it was more recently that he chose the electrical engineering field. "I want to work for a big company like Lockheed, General Electric or Westinghouse," he said.

First, though, Bogda hopes to enter Officer Candidate School upon graduation and spend four years in the Air Force. But he plans no military career like his father.

"I decided to come to Texas Tech because it has a good reputation in engineering," Bogda said. "Besides, it's close to home."

Bogda lives in Gaston Hall at Texas Tech, the dormitory which initiated the Southwest version of the latest college craze--marathon telephone talking. Students started talking with girls in another dorm the night of Dec. 3 and hope to continue non-stop until the Christmas holidays Dec. 21.

"I think the talkathon is kind of cute," Bogda said. "It builds up morale. But I think it's nice for someone else to do, I don't have that much time."

That time is apparently spent studying. Bogda maintains a 2.82 average (of a possible 3.0) this semester.

(More)

Texas Technological College
Department of Public Information
Adrain Vaughan, Director

LUBBOCK --A three-day Tax Institute will be held Jan. 3-5 on the Texas Tech campus, co-sponsored by the accounting department of the Tech Business Administration School and the Internal Revenue Service.

The Institute, to be held in Tech's Recreation Hall, will be one of three being held this year in the Dallas District of the Internal Revenue Service. This will be the first time that an IRS institute has been held in Lubbock.

Dr. Reginald Rushing, Tech accounting department head, will be host to the participants during the institute.

The school is available to Certified Public Accountants, public accountants and lawyers for the purpose of alerting practitioners of procedural and legislative changes this past year in filing tax returns, John J. Sloan, administrative officer in the Lubbock office, said.

Limited to only 100 participants, the institute had received 71 applications by this week. Applicants interested in the limited number of openings may contact Jim Hodges, Chief Administrative Division, Internal Revenue Service, Dallas.

Conducting the institute will be Ben Hawkins of Lubbock, and Gene McClesky of Midland, both Revenue departmental instructors. Both have been instructors in the 13-week school in Dallas and a 6-week advanced Internal Revenue school.

Hawkins, a CPA, is group supervisor in the Lubbock office, while McClesky, a former Plainview teacher, is the Revenue agent in Midland.

###

The tremendous progress made by the textile industry in recent years has brought about the need for two things in particular--more trained personnel and more research.

Texas Tech, Lubbock, has a textile engineering department and a textile research laboratory to concentrate on both.

The department strives to produce well-trained graduates for the highly-specialized industry, while the laboratory conducts a wide range of research projects.

"The textile industry is changing so fast that a different kind of engineer will be needed in the future," said L. E. Parsons, department head. "Furnishing the right kind of personnel for this industry should be the objective of our department."

"We expect more changes in processing the next few years than we have seen in the history of the industry," he added. "We must go to a program of automation and semi-automation, which will call for highly-trained personnel all the way up the line."

Parsons, who spent several years in the textile production management, and his staff are making every effort to furnish such personnel--and their success is evidenced by the performance of graduates in the field.

"Tech graduates dominate the textile field in Texas and the Southwest," Parsons pointed out. "They also are doing well in other areas."

As examples he cited one recently named officer in charge of 23 plants in the cotton division of a prominent southwestern mill and another who lives in Geneva, Switzerland, and travels the world as a sales accounts manager.

(MORE)

"One of our problems in this respect is that West Texans like to stay in West Texas if possible," Parsons said.

While the department offers only one option--engineering--electives offered can point up different phases, such as chemistry, management, etc.

"Most of our graduates have gone into production supervision, though some are in sales and research," Parsons explained. "We think there are some real opportunities in production work, but this is not to underemphasize other areas."

Parsons said one of the biggest problems being faced in attracting enough students is that most of them are not aware of the opportunities in the textile industry.

"Many people just don't realize that it employs more workers than any industry," he said. "Over 10 percent of the income of the United States population is spent for textile products."

"The demand for wearing apparel continues in bad as well as good times. Jobs are stable and secure."

The Tech department offers a special advantage to students in the number of scholarships available.

"We're confident that a qualified student needing a scholarship would be able to get one," Parsons said. "They are financed by the industry, which is another indication of the desire to attract and train good students."

Tech's Textile Research Laboratories are housed in a new \$400,000 building especially designed and constructed for research and instruction. They are composed of a fiber laboratory, pilot spinning plant and modern chemical laboratory.

(MORE)

"This means we can evaluate the performance of fibers--natural and man-made--from the time they reach the mill until they are converted into yarn or fabric," explained Bill Crumley, associate director.

While the lab is equipped to do research on all fibers, emphasis is placed on cotton research. Studies are conducted in cooperation with the Cotton Research Committee of Texas.

The fiber lab has a wide range of testing equipment to evaluate cotton's quality and potential spinning and end-use performance.

This includes the micronaire, which measures fineness; the Pressley strength tester; the Shirley analyzer, which measures trash and foreign matter content; the digital fibrograph, which gives the percentage of fibers shorter than one-half inch; and others.

"But the usual methods of cotton classing and fiber measurements do not tell the true story of spinnability," Crumley said. "Grades, staples and fiber measurements permit predictions as to yarn qualities, but very little information on spinnability of the cotton."

That's where the Tech pilot spinning plant comes in. Pilot plant spinning tests are very useful in evaluating the effect of various production, harvesting and ginning practices on cotton's spinning performance. They also are used to evaluate experimental varieties for breeders.

"For these reasons it is essential that pilot plant spinning be an integral part of long-range research," Crumley emphasized.

(MORE)

The plant is one of two spinning laboratories in the United States that process cotton from the bale to the finished product. It is the only one with complete humidity and temperature controls from the opening room through the weaving room.

Tech's lab facilities are available for individual research programs on a contract fee basis. Services available include complete standard fiber evaluation; small-scale spinning tests, five pounds upward; pilot spinning tests from 5,000 spindle hours upward; and various chemical tests.

"We think the rapid acceptance by the industry is an indication of a real need for the services offered by and the research being carried on in the Tech labs," Crumley said.

Both Parsons and Crumley make it evident that Texas Tech's textile department, like the textile industry, has no intention of standing still.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

ATTENTION : MUSIC EDITORS

SUITABLE FOR TIME COPY

LUBBOCK --The trend to "do-it-yourself" kits has spread into the field of musical instruments.

Dr. Judson Maynard of the Texas Tech music faculty bears this out with his harpsichord, ordered from New York and assembled in Lubbock. Maynard's harpsichord is the first one completed in the Tech music department, although others are being assembled.

A member of the Clavier family, this harpsichord has 57 notes, one string per note, in contrast to 88 notes on a piano and 61 on the organ.

With imagination, one can describe the harpsichord's sound to that of a "giant music box."

Maynard points out that all music written before and during the Baroque era and now played on the piano was written at that time especially for the harpsichord.

The harpsichord, similar in appearance to a modern grand piano, will probably be used when the Tech Choir presents a concert this spring.

Maynard, who received the B.M. and M.M.E. from Montana State University and the Ph.D. from Indiana University, teaches organ at Tech. ▶

Maynard's instrument, which is 5-feet long and 3-feet wide, was ordered from Wallace Zuckermann in New York for \$150. Maynard estimates that he spent an additional \$110 to complete the project.

(MORE)

Harpsichord feature--add 1

He began building his harpsichord in early September in his garage and it took him about six weeks to complete it. Maynard said that a Zuckermann harpsichord already built would cost around \$750 without any extras on it.

Why this sudden infatuation for the keyboard instrument popular from the 1500-1800's?

"I had always wanted a harpsichord for my personal enjoyment and one to use in occasional church music," Maynard said.

"Last year we bought a piano for my wife to teach private lessons, and now I have the harpsichord for my pleasure."

The harpsichord works like this: When the key is struck, a piece of wood, called the jack, which has a plectrum made from a quill or leather at its upper end, plucks the string. This "plucking" action, also characteristic of the early spinet or virginal, distinguishes the harpsichord from both the clavichord and the pianoforte, keyboard instruments in which the string is struck.

Although he admits the instrument is inferior to the piano in the variety of tone and dynamics, the earlier instrument had its own advantages of superior blending powers and greater tonal clarity, particularly in the lower register.

Larger harpsichords contain two keyboards similar to an organ, but Maynard's is a single manual. The smaller harpsichords must also be tuned frequently.

One of the greatest known modern harpsichordist was the late Wanda Landowska, who performed and recorded before World War I, Maynard said.

(MORE)

Harpsichord feature--add 2

There is added interest in the Tech music department over the harpsichord. Charles A. Lawrie of the organ faculty received his harpsichord kit earlier than Maynard, but his won't be completed until sometime this month.

One of Maynard's students has ordered a kit and will begin assembling it soon.

Maynard's "pet" instrument will receive its chance to bring Bach music back as it was played during the Baroque era.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Christmas selections and marches will highlight the annual Christmas concert by the Texas Tech Concert Bands and Singers Sunday (Dec. 17).

The concert begins at 3:30 p.m. in the ballroom of the Tech Union Building. The public is invited to the free concert.

Directors of the Tech Bands and Singers are Dean Killion and Gene Kenney, respectively, of the music faculty.

The first concert band will play Reed's arrangement of the English Christmas carol, "Greensleeves"; Saint-Saens' "Marche Militaire Francaise" and Catherine Davis' "Carol of the Drums."

Killion's second band will present Alford's "March of Law and Order" and Rimsky-Korsakov's "Overture to the Czar's Bride." Lillya's "Christmas Fantasy" will conclude the program.

Between performances of the two bands, the Tech Singers will present "The Christmas Story," a contemporary number by Ron Nelson.

Kenney will direct the Singers with accompaniment from a brass ensemble with tympani, organ and narration by Richard Tolley of the music faculty. Jerry Hoever, Roswell, N. M., senior, is baritone soloist for the presentation.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK-- The Texas Tech speech department will present Peter Shaffer's New York and London stage success, "Five Finger Exercise," in January.

June Bearden of the speech department is director of the production and Charles E. Buzzard is technical director.

"Five Finger Exercise" will be presented at 8:15 p.m. on the nights of Jan. 25-27 and 29-31 in the Tech Speech Auditorium.

Ticket office opens Monday (Dec. 18) and reservations may be made by calling PO 5-8541, Ext. 356. Price of tickets is \$1.

Handling the five roles will be: Pat Eakins of Lubbock, playing Louise Harrington; Barry Corbin of Lubbock, as Clive Harrington, her son; Durwood Jacobs of Hereford, playing Stanley Harrington, her husband; Bob Adams of Seminole, as Walter Langer, the expatriate German tutor; and Kay Moxley of Lubbock, playing Pamela Harrington, the daughter.

"This is a play of piercing tension, concerning the impact of a young German expatriate upon the members of an English family," Dr. P. Merville Larson, speech department head, said.

"Five Finger Exercise" is Shaffer's first play and the only one that he has released to date. It ran for two years in England, followed by a successful Broadway run starring Jessica Tandy. Rosalind Russell will be starring in the motion picture version to be released next year.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Women students at Texas Tech may apply for graduate aid from the Educational Foundation of the American Association of University Women, the Tech Placement Center reports.

The students may qualify in teaching, research or administration in higher education.

Those interested in applying may contact Dr. Eleanor F. Dolan, AAUW Educational Foundation, 2401 Virginia Ave., N. W., Washington 7, D. C.

Texas is one of 11 southern states in which a three-year program has been initiated. Others include Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee and Virginia.

The Rockefeller Brothers Funds contributed a grant of \$225,000 to the program, which will finance graduate study for 50 selected women each year.

The following schools are now in the program: Auburn, Duke, Emory, Louisiana State, Tulane, Vanderbilt, Florida, Kentucky, North Carolina, Tennessee and Virginia.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

A Texas Tech coed from Amarillo walked off with top honors in the annual Raider Rambles Talent Show Friday night (Dec. 15) on the Tech campus.

Vocalist Sharon Vinyard won the first place trophy and an opportunity to compete in the Intercollegiate Talent Show at Texas A & M with her rendition of "Birth of the Blues" and "Embraceable You."

An audience of approximately 500 viewed the eight numbers on the Tech Union-sponsored show.

Second place award went to the Variations, a vocal quartet, while third place was won by the Alpine Trio, a folk singing group.

Miss Vinyard, a freshman music major, will travel to College Station this spring to try-out for one of the prized places on the annual Texas A & M Intercollegiate Talent Show. The show tours a number of Southwest Conference campuses during the spring.

Last year Clyde Bateman of Texas Tech received a place on the college extravaganza.

##

TOTALS

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

12/11/61

LUBBOCK --Five \$200 scholarships, aimed at easing the shortage of qualified teachers in West Texas, have been awarded at Texas Tech by the George P. Kuykendall Family of Lubbock.

Winners of the scholarships, first ever offered in teacher education at Tech, are Mrs. Betty Davie(correct) and Tom Burcham, both of Lubbock; Joy Massingill, Stephenville; Jan Glazner, 4300 Leeds, El Paso; and Barbara Fields, Munday.

The Kuykendall Scholarships will be awarded annually to students who have completed all entrance requirements into student teaching, one of the final phases of training in undergraduate teacher education.

Also the students must be registered for a bachelor of science degree in education and must have filed plans in the Tech Teacher Certification Office as evidence of their intent to enter teaching.

The five 1961 winners were chosen by the Student Teaching Committee of the Tech education department faculty. More than 60 eligible students were considered for the awards.

Dr. Morris Wallace, Tech education department head, said future winners of Kuykendall Scholarships will be determined in the following manner.

Qualified applicants who will be doing student teaching in the fall will be screened in the preceding spring by the Student Teaching Committee. The scholarships will be awarded in late summer.

Dr. Wallace said the new scholarships will help alleviate the critical shortage of qualified teachers in West Texas by encouraging good students to go into the field.

(More)

Citing the shortage, he said that last fall 55 West Texas School Systems employed more than 1,400 new teachers. The number of persons graduated with degrees and teaching certificates from West Texas institutions was less than half that figure.

Last year 5,600 sub-standard emergency teaching certificates were issued by the Texas Education Agency to help ease the teacher shortage in Texas, Dr. Wallace declared.

"The Kuykendall family is to be commended for its interest in helping resolve the problem," Dr. Wallace added.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

12/11/61

ATTN: Oil Editors...

LUBBOCK-- The ninth annual West Texas Oil Lifting Short Course scheduled April 12-13 at Texas Tech will feature nine phases of oil lifting.

A. A. Hardy of Tulsa, chief engineer for the W. C. Norris Division of the Dover Corp., is program chairman of the 1962 short course.

Program plans for the annual short course indicate there will be approximately 46 papers to be presented by specialists in various fields as technical lectures.

Papers to be presented this year by various petroleum engineers and production men will cover such topics as artificial lift mechanics and problems, multiple zone producing methods and equipment, rod pumping--surface and subsurface, corrosion, production handling (various phases), scale, paraffin control, production maintenance and general topics on safety, engineering fundamentals, management and tubular goods.

An informative panel discussion on oil well lifting has been added to the two-day program.

In the past eight years, more than 6,000 proceedings have been ordered and a wide number of individual papers have been reprinted and sent to firms throughout the industry, said D. A. Crawford, secretary-treasurer of the 1962 short course and assistant professor of petroleum engineering at Tech.

"We feel these orders are indicative of the great interest shown in the papers since the first short course in 1954," Crawford noted.

(more)

oil lifting short course

Add #1

"We're making every effort to again have copies of the proceedings available at the short course," said E. D. "Andy" Anderson of Lone Star Production Co. of Dallas. He is general chairman of the 1962 event.

"This will enable those attending the short course to read the papers in the proceedings and have questions ready for the lecturers after they complete their talks," Anderson said. "We were successful in having proceedings for the 1961 registrants."

Proceedings from previous short courses at Tech are still available for those interested in obtaining them.

Last spring some 371 men from 125 companies attended the short course.

The annual Texas Tech Engineering Show will be underway at the same time as the course.

###

12/11/61

LUBBOCK-- The Texas Tech chapter of Alpha Delta Sigma, professional advertising fraternity, has announced the names of the members of the largest pledge class in the chapter's history since its founding at Tech in 1958. There are 19 members in the pledge class.

ABILENE-- Don Spaulding, social chairman, is the son of Mrs. Geneva W. Spaulding, 1709 Shelton.

DALLAS-- Ronnie Herrin is the son of Mr. and Mrs. F. P. Herrin, 4108 Greenbrier.

Charles Isom is the son of Mr. and Mrs. D. B. Isom, 5115 W. Purdue.

HOUSTON-- Gregg Spickard is the son of Mr. and Mrs. G. V. Spickard, 3201 Cameo.

Jim Vick, secretary, is the son of Mr. and Mrs. J. H. Vick, 3318 Sackett.

LUBBOCK-- Sam Burke, treasurer, is the son of Mr. and Mrs. S. L. Burke, 2712 39th.

Jim Chauncey is the son of Mr. and Mrs. Arnold Chauncey, 3802 25th.

Eddie Durfee is the son of Mr. and Mrs. Jack Durfee, 3512 30th.

Bill Gafford is the son of Mr. and Mrs. J. D. Gafford, 3319 26th.

Joe Hobson is the son of Mr. and Mrs. Floyd Hobson, 2422 20th.

Larry Keenum is the son of Mr. and Mrs. A. L. Keenum, 4012 48th.

Weldon Maxey, vice-president, is the son of Mr. and Mrs. H. M. Maxey, 712 Zenith.

Jim Meyers is the son of Mr. and Mrs. M. D. Meyers, 3802 27th.

Bob Plunkett is the son of Mr. and Mrs. J. B. Plunkett, 2320 30th.

Mike Poindexter, sergeant-at-arms, is the son of Mr. and Mrs. Frank Poindexter, 3607 37th.

(more)

Alpha Delta Sigma pledges Add #1

MIDLAND-- Bob Barber is the son of Mr. and Mrs. L. E. Barber,
1208 Delmar.

SAN ANGELO-- Bob Smith is the son of Mr. and Mrs. R. C. Smith,
2602 Jann.

SLATON-- Mike Davis.

STERLING CITY-- Mims Reed, president.

###

Texas Technological College
Department of Public Information
Adrian Vaughan, Director
12/61

BIOGRAPHICAL DATA ON DR. R. C. GOODWIN

Dr. Robert Cabaniss Goodwin, Texas Tech's seventh president, is known around the campus as a man who gets things done.

As one Tech official put it, "Maybe he will tell you no. But if he does, you get the answer in a hurry and can turn your attention to other matters."

Goodwin is no cloud-riding academician or administrator either. As a chemist, he has been an industrial consultant as well as teacher. He is co-holder of a patent on a method of accelerating vulcanization and has been recognized for his research on the removal of flourides from public water supplies.

But his administrative abilities have caused him to be "drafted" from the classroom and laboratory and into Tech's Graduate School deanship (1938), School of Arts and Sciences deanship (1945) and academic vice-presidency (1959). In September of 1959 he was named acting president. In August, 1960, he accepted the presidency.

A native of Brownwood, Texas, (born March 17, 1898) Dr. Goodwin holds a bachelor of arts degree from Howard Payne College, master of arts degree from the University of Texas, and the doctor of philosophy degree from Harvard University. He joined the Tech Faculty in 1930 as chemistry department head, coming from the University of Florida.

Visitors to the President's Office usually are impressed by the beautiful floral arrangements, the likes of which probably aren't to be found in any other college official's quarters.

Ordinarily this would run up quite a floral bill. However, the Tech arrangements are from the garden of Dr. Goodwin.

(more)

He holds several blue ribbons from flower shows and probably is best known for his development of a special dahlia which he has named "Red Raider."

Dr. Goodwin is a Presbyterian and Rotarian. He is a member of the American Chemical Society, American Assn. for the Advancement of Science, Sigma Xi graduate research society and numerous other professional organizations.

He is married to the former Constance Bishop.

During World War I, Dr. Goodwin was a seaman in the Navy. Later he served in the Army Reserve, rising to the rank of captain.

###

12/11/61

Twenty-three Texas Tech students have been selected to the 1961-62 "Who's Who in American Colleges and Universities," Dean of Student Life James G. Allen announced today (Dec. 11).

A committee of 10 students, two representing each of the undergraduate schools at Tech, selected the students for the national honor.

The 23 students were selected on the basis of excellence in the areas of scholarship, leadership, character and service to the student body. A grade point average of 1.65 or better out of a possible 3.0 was established as the minimum average of those selected.

The students and their activities will appear in the national edition of "Who's Who," and they will be saluted in the LaVentana yearbook.

Receiving the honor are: Thomas Kenneth Abraham, Canadian junior; Linda M. Barnhill, Houston senior; Amon Burton, Rockwell junior; Ouida M. Daugherty, Grand Prairie senior; Michael Gene Denton, Lovington, N. M., senior; LaRue Elliott, Lubbock senior; and George Bruce Gibson, Dallas senior.

Wendell L. Kent, Sweetwater senior; Peggy Maloy, Waco senior; James Ray Melton, Honey Grove senior; Mary Jo McClain, Lubbock senior; Carl W. McKinzie, Lubbock senior; George E. (Jerry) Parsons, Lubbock junior; Addison Lee Pfluger, Eden junior; Don Roper, Lubbock senior; and Richard T. Sharpe, Plainview senior.

Also, E. Carlyle Smith, Grand Prairie senior; Bobby C. Switzer, Monahans senior; Robert Larry Taylor, Lubbock senior; Richard K. Toll, Pecos senior; Carolyn Vines, Albany senior; Rowena Ann Williams, Lubbock junior; and Nickie Joyce Woefel, Bovina junior.

###

Forty-two contestants will parade their animals before the judges Saturday (Dec. 16) in the 14th annual Little International Livestock show beginning at 1 p.m. in Texas Tech's Livestock Pavilion.

Other highlights of the show will include selection of Miss Milk Maid, the auctioning off of 75 cured hams and a harness contest for agriculture faculty members.

The public is invited to the show. Admission is free.

Students will compete in beef cattle, swine, dairy cattle, sheep and quarter horse divisions of the livestock show.

All student contestants have groomed and worked with their animals for the past month. The show provides valuable experience in handling the livestock. Ribbons will be presented to winners in each division.

The Little International is sponsored by Tech's Block and Bridle Club, an honorary society in the field of animal husbandry. Proceeds from the ham auction will finance activities of the Block and Bridle Club.

Any campus organization may enter a girl in the Milk Maid contest. Girls with some agriculture background will compete in a three-minute milking contest. The winner will be declared Miss Milk Maid.

Seventy-five hams cured and stamped by the Block and Bridle Club will be sold to the highest bidder. The hams average about 15 pounds. A grand champion and a reserve champion ham will be selected for special auctioning. Last year's grand champion was bought by Lewter Grain Co. for \$105.

(More)

Little international---add 1

The ham auction will end the afternoon show. Kenneth Bozeman will be auctioneer.

Faculty and staff members of the agriculture department will show the student how it's done when they enter the harnessing contest. Using Tech farm horses, the faculty members will divide into two teams to see which team can get their animals in traces first.

###

12/13/61

LUBBOCK --Don Hampton Biggers--colorful Texas newspaperman, free lance writer, politician and farmer--is the subject of a new book, A Biggers Chronicle, written by Dr. Seymour V. Connor, Texas Tech history professor.

Founder of more than a half dozen Texas newspapers, Biggers recorded much first-hand information on the development of the Texas cattle industry.

Biggers, described by Connor as the "angry young man of Texas until he was over 80," was born in 1868 in Meridian, Tex., and died in 1957 in Stephenville.

The Chronicle consists of a reprint of the extremely rare History That Will Never Be Repeated, by Ian Franks (pseud.) and a biography of Biggers by Connor.

To be available through book stores over the state in early January, the 147-page Chronicle is considered a collectors' item.

Dr. Connor credits Miss Louise Mooar, daughter of the famed buffalo hunter and rancher, John W. Mooar, for giving the only known copy of the original 1901 edition of History That Will Never Be Repeated to the Southwest Collection, of which Connor is director.

The reprinted book is a first-hand account of the cattle industry in Texas, as well as the story of the great buffalo slaughter in the seventies. It is a forerunner of another book by Biggers, From Cattle Range to Cotton Patch.

"This reprint should be doubly valuable to most collectors of cattle material and all collectors of Texana," Dr. Connor said.

In his biography, Connor emphasizes both Biggers' political and newspaper career. Biggers served two terms as a member of the Texas Legislature (1915 and 1920). He ran unsuccessfully for U. S. Senator in 1927 and Texas Commissioner of Agriculture.

(More)

His journalistic career is probably better known than his political since he was responsible for establishing half a dozen Texas newspapers and/or publishing at one time or another a score of periodicals.

These periodicals include Biggers' Magazine, Biggers' Semi-Monthly, Billy Goat Always Buttin' In, Breckenridge Texian, Clayton (N.M.) Union Democrat, Colorado Spokesman, The Coyote, Desdemona News, Independent Oil News and Financial Reporter, The Josher, Live's ABC's, The Limelight, The Lone Coyote, Midland Gazette, Eastland Oil Belt News, The Passing Show, Ranger Atlas, The Record, The Square Deal, The Texas Cleaver and the Texas Tail Twister.

A free lancer as well as an author, Biggers published six books which include: Handbook of Reference...to Eastland County, an enthusiastic description of the county's great advantages in 1889; History That Will Never Be Repeated, published in 1901 in Ennis; Pictures of the Past, story of the buffalo hunting era published in 1902 in Colorado City; From Cattle Range to Cotton Patch, published in 1905 in Abilene; Shackelford County Sketches, containing many of his childhood stories, published in 1908 in Albany; and Our Sacred Monkeys, a satire on former Texas Gov. Jim Ferguson, published in 1933 in Brownwood.

His brief farming venture was in Lubbock where he leased an extensive tract on the site of the present Texas Tech campus, in addition to a 20-acre garden plot on the outskirts of Lubbock. In 1912 he drilled a large well and attempted to pioneer irrigated crop production in the South Plains area.

Biggers' "gypsy roving" carried him to more than 30 places to live.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

12/13/61

The Texas Tech Bands and Singers will combine forces Sunday (Dec. 17) for their annual Christmas concert.

The public is invited to the free concert at 3:30 p.m. in the ballroom of the Tech Union Building.

Dean Killion, director of Tech bands, will conduct the first band in "Greensleeves," an English carol; "Marche Militaire Francaise" by Saint-Saens and "Carol of the Drums."

"The Christmas Story" by Ron Nelson, a contemporary composer, will be presented by the Tech Singers, directed by Gene Kenney of the music faculty.

A brass ensemble will accompany the selection to be narrated by Richard Tolley, also of the music faculty. Jerry Hoover, Roswell, N. M., senior, will sing the baritone solo in the number.

The second band will present the last part of the program with "March of Law and Order" by Alford, followed by Rimsky-Korsakov's "Overture to the Stars Bride."

The band will conclude the concert with "Christmas Fantasy" by Lillya.

###

12/13/61

The highest award a cadet can receive while in ROTC will be bestowed upon a Texas Tech senior Thursday (Dec. 14) at 4 p.m. in Aggie Auditorium.

The Army and Navy Legion of Valor Bronze Cross will be awarded Cadet Major Bobby Switzer, a business administration major from Monahans.

Major Richard McCaffrey, Commanding Officer of Fourth Army Headquarters Company and attached units at Ft. Sam Houston, will make the presentation.

Originated last spring by the Department of the Army, the award is being presented for the first time this year. Only two medals can be presented this year in the Fourth U. S. Army area, which includes Texas, New Mexico, Oklahoma, Louisiana and Arkansas.

About 15 medals are presented in the U. S., which averages out to only one for each 1,000 ROTC seniors.

Switzer has compiled a long list of honors during his college career, the most recent being his selection to the 1961-1962 Who's Who in American Universities and Colleges.

Last year he was the highest ranking student in both the school of Business Administration and the department of Military Science.

His numerous other honors include distinguished military student; associate justice, Texas Tech Supreme Court; president of Delta Tau Delta, social fraternity, in the fall of 1960; and a member of Beta Gamma Sigma, honorary business fraternity, and Phi Kappa Phi, upperclassmen's honor society.

(MORE)

Switzer--add 1

Also outstanding in his scholastic field, Switzer has maintained a 2.60 grade point average out of a possible 3.0.

The medal is being presented by the U. S. Legion of Valor, which has headquarters in Fairfax Va. Membership is composed of men who have received the Medal of Honor, Distinguished Service Cross for Valor, or the Navy Cross for Valor, the three highest decorations a member of the armed forces may receive.

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12/15/61

LUBBOCK --A three-day Tax Institute will be held Jan. 3-5 on the Texas Tech campus, co-sponsored by the accounting department of the Tech Business Administration School and the Internal Revenue Service.

The Institute, to be held in Tech's Recreation Hall, will be one of three being held this year in the Dallas District of the Internal Revenue Service. This will be the first time that an IRS institute has been held in Lubbock.

Dr. Reginald Rushing, Tech accounting department head, will be host to the participants during the institute.

The school is available to Certified Public Accountants, public accountants and lawyers for the purpose of alerting practitioners of procedural and legislative changes this past year in filing tax returns, John J. Sloan, administrative officer in the Lubbock office, said.

Limited to only 100 participants, the institute had received 71 applications by this week. Applicants interested in the limited number of openings may contact Jim Hodges, Chief Administrative Division, Internal Revenue Service, Dallas.

Conducting the institute will be Ben Hawkins of Lubbock, and Gene McClesky of Midland, both Revenue departmental instructors. Both have been instructors in the 13-week school in Dallas and a 6-week advanced Internal Revenue school.

Hawkins, a CPA, is group supervisor in the Lubbock office, while McClesky, a former Plainview teacher, is the Revenue agent in Midland.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

12/15/61

ATTENTION : MUSIC EDITORS

SUITABLE FOR TIME COPY

LUBBOCK --The trend to "do-it-yourself" kits has spread into the field of musical instruments.

Dr. Judson Maynard of the Texas Tech music faculty bears this out with his harpsichord, ordered from New York and assembled in Lubbock. Maynard's harpsichord is the first one completed in the Tech music department, although others are being assembled.

A member of the Clavier family, this harpsichord has 57 notes, one string per note, in contrast to 88 notes on a piano and 61 on the organ.

With imagination, one can describe the harpsichord's sound to that of a "giant music box."

Maynard points out that all music written before and during the Baroque era and now played on the piano was written at that time especially for the harpsichord.

The harpsichord, similar in appearance to a modern grand piano, will probably be used when the Tech Choir presents a concert this spring.

Maynard, who received the B.M. and M.M.E. from Montana State University and the Ph.D. from Indiana University, teaches organ at Tech.

Maynard's instrument, which is 5-feet long and 3-feet wide, was ordered from Wallace Zuckermann in New York for \$150. Maynard estimates that he spent an additional \$110 to complete the project.

(MORE)

Harpsichord feature--add 1

He began building his harpsichord in early September in his garage and it took him about six weeks to complete it. Maynard said that a Zuckermann harpsichord already built would cost around \$750 without any extras on it.

Why this sudden infatuation for the keyboard instrument popular from the 1500-1800's?

"I had always wanted a harpsichord for my personal enjoyment and one to use in occasional church music," Maynard said.

"Last year we bought a piano for my wife to teach private lessons, and now I have the harpsichord for my pleasure."

The harpsichord works like this: When the key is struck, a piece of wood, called the jack, which has a plectrum made from a quill or leather at its upper end, plucks the string. This "plucking" action, also characteristic of the early spinet or virginal, distinguishes the harpsichord from both the clavichord and the pianoforte, keyboard instruments in which the string is struck.

Although he admits the instrument is inferior to the piano in the variety of tone and dynamics, the earlier instrument had its own advantages of superior blending powers and greater tonal clarity, particularly in the lower register.

Larger harpsichords contain two keyboards similar to an organ, but Maynard's is a single manual. The smaller harpsichords must also be tuned frequently.

One of the greatest known modern harpsichordist was the late Wanda Landowska, who performed and recorded before World War I, Maynard said.

(MORE)

There is added interest in the Tech music department over the harpsichord. Charles A. Lawrie of the organ faculty received his harpsichord kit earlier than Maynard, but his won't be completed until sometime this month.

One of Maynard's students has ordered a kit and will begin assembling it soon.

Maynard's "pet" instrument will receive its chance to bring Bach music back as it was played during the Baroque era.

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12/15/61

Christmas selections and marches will highlight the annual Christmas concert by the Texas Tech Concert Bands and Singers Sunday (Dec. 17).

The concert begins at 3:30 p.m. in the ballroom of the Tech Union Building. The public is invited to the free concert.

Directors of the Tech Bands and Singers are Dean Killion and Gene Kenney, respectively, of the music faculty.

The first concert band will play Reed's arrangement of the English Christmas carol, "Greensleeves"; Saint-Saens' "Marche Militaire Francaise" and Catherine Davis' "Carol of the Drums."

Killion's second band will present Alford's "March of Law and Order" and Rimsky-Korsakov's "Overture to the Czar's Bride." Lillya's "Christmas Fantasy" will conclude the program.

Between performances of the two bands, the Tech Singers will present "The Christmas Story," a contemporary number by Ron Nelson.

Kenney will direct the Singers with accompaniment from a brass ensemble with tympani, organ and narration by Richard Tolley of the music faculty. Jerry Hoover, Roswell, N. M., senior, is baritone soloist for the presentation.

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12/15/61

LUBBOCK-- The Texas Tech speech department will present Peter Shaffer's New York and London stage success, "Five Finger Exercise," in January.

June Bearden of the speech department is director of the production and Charles E. Buzzard is technical director.

"Five Finger Exercise" will be presented at 8:15 p.m. on the nights of Jan. 25-27 and 29-31 in the Tech Speech Auditorium.

Ticket office opens Monday (Dec. 18) and reservations may be made by calling PO 5-8541, Ext. 356. Price of tickets is \$1.

Handling the five roles will be: Pat Eakins of Lubbock, playing Louise Harrington; Barry Corbin of Lubbock, as Clive Harrington, her son; Durwood Jacobs of Hereford, playing Stanley Harrington, her husband; Bob Adams of Seminole, as Walter Langer, the expatriate German tutor; and Kay Moxley of Lubbock, playing Pamela Harrington, the daughter.

"This is a play of piercing tension, concerning the impact of a young German expatriate upon the members of an English family," Dr. P. Merville Larson, speech department head, said.

"Five Finger Exercise" is Shaffer's first play and the only one that he has released to date. It ran for two years in England, followed by a successful Broadway run starring Jessica Tandy. Rosalind Russell will be starring in the motion picture version to be released next year.

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Texas Technological College
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12/15/61

Women students at Texas Tech may apply for graduate aid from the Educational Foundation of the American Association of University Women, the Tech Placement Center reports.

The students may qualify in teaching, research or administration in higher education.

Those interested in applying may contact Dr. Eleanor F. Dolan, AAUW Educational Foundation, 2401 Virginia Ave., N. W., Washington 7, D. C.

Texas is one of 11 southern states in which a three-year program has been initiated. Others include Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee and Virginia.

The Rockefeller Brothers Funds contributed a grant of \$225,000 to the program, which will finance graduate study for 50 selected women each year.

The following schools are now in the program: Auburn, Duke, Emory, Louisiana State, Tulane, Vanderbilt, Florida, Kentucky, North Carolina, Tennessee and Virginia.

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12/16/61

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

A Texas Tech coed from Amarillo walked off with top honors in the annual Raider Rambles Talent Show Friday night (Dec. 15) on the Tech campus.

Vocalist Sharon Vinyard won the first place trophy and an opportunity to compete in the Intercollegiate Talent Show at Texas A & M with her rendition of "Birth of the Blues" and "Embraceable You."

An audience of approximately 500 viewed the eight numbers on the Tech Union-sponsored show.

Second place award went to the Variations, a vocal quartet, while third place was won by the Alpine Trio, a folk singing group.

Miss Vinyard, a freshman music major, will travel to College Station this spring to try-out for one of the prized places on the annual Texas A & M Intercollegiate Talent Show. The show tours a number of Southwest Conference campuses during the spring.

Last year Clyde Bateman of Texas Tech received a place on the college extravaganza.

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