

## MAILING SCHEDULE FOR

July 2-7, 1962

Name of Story	Local	Dailies	Wire	Weekly	Regional	Special	HT's	Board	Regional Radio	Telops	Explanation
7-2 weed control	X	Farm									AJ attn: Duane Howell
7-2 cotton study	X	Farm									AJ attn: Duane Howell
7-3 pork producers meet	X	Farm							X		AJ attn: Duane Howell
7-3 Dr. Savbagen's lectrs. Swedish prof	X									X	pix to AH & TV
7-5 Child Development Workshop	X	X							long vrs.	X	pix to AJ & TV (long Radio & TV)
7-5 cotton leaf stem study						75					to agronomy dept.
7-5 housing for married students	AJ	X									special to Dorance Guy
7-6 housing for married students									X		
7-6 antarctic trip						1					pix to Artesia Daily Press
7-6 psychology head Andreychauld	X	X			X	2			X		Detroit, Mich, Mich St. Univ.
7-6 German kinderschule	AJ				X				X		pix to AJ
7-6 organ recital	AJ								X		
7-6 swine conference	X	X							X		
7-6 national science foundation grants	X										
7-7 housing of married students	X										except AJ
7-7 German kinderschule	X										except AJ
7-7 organ recital	X										except AJ
Totals	Places Stories	only	3 Farm			78			long vrs.	4	pix - 4
			11	4		2	3		6	2	

7.2.62

LUBBOCK --Weed control herbicides for use in cotton fields are being applied to 228 cotton test plots on the Texas Tech farm in a co-operative experiment being conducted by the Texas Agricultural Experiment Station and Texas Tech.

A. F. Wiese, agronomist for the Texas Experimental Station, said 57 different post-emergence herbicide combinations will be applied. The test results obtained at the end of the experiment will be compared with the results of lateral oiling which is also being used to control weeds in cotton fields.

Researchers are mixing Ipazine, Tronetryne, and Ametryne with diesel oil and spraying the mixtures on test plots where the weeds had gained a good start. Diuron is also being used in the experiments. It is being mixed with water and a wetting agent in one group of tests and with oil in another test series before being applied to the plots.

Dr. Clark Harvey, professor of agronomy at Tech is co-operating with Wiese in the experiments.

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7.2.62

LUBBOCK      --A study of cotton leaf stems to determine the effect of various fertilizers on their growth has been completed by Texas Tech and Texas Agricultural Experiment Station researchers.

The results of the experiment should serve as a guide for exposing plant deficiencies before they actually show up in the plant and provide adequate information in time for corrective measures to be taken.

Also, the information suggests that the cotton leaf stem analysis may serve as an indicator of fertilizer response and give an indication of plant behavior under different treatments of fertilizer sources.

The chief purpose of this project was to determine the nutritional status of cotton at various stages of growth by analyzing leaf stems for nitrogen, phosphorus, and potassium. Five nitrogen and seven phosphorus sources were used.

The fertilizer was applied at the rate of 120 pounds nitrogen, 80 pounds phosphorus, and 40 pounds potassium per acre. Tissue samples consisting of the uppermost mature leaf stems were procured from the experimental plots on 15 different dates during the growing season of 1961. The yields of cotton and the petiole nutrient levels from the various fertilizer sources were compared.

The nitrate nitrogen levels in cotton petioles were found to be a sensitive index to the nitrogen status of the cotton plant. For the best cotton yields on the South Plains of Texas, these preliminary investigations suggest that the leaf stem nitrate levels should be around 20,000 parts per million at the beginning of the fruiting period and then may decrease to 3,000 parts per million by the end of the fruiting period.

(more)

The nitrate contents of the leaf stems were maintained at a significantly higher level by ammonium nitrate than by the other nitrogen sources, ammonium sulfate, urea, liquid ammonium nitrate-urea, and anhydrous ammonia. No significant differences in yields were found from nitrogen applied at one, two, or three applications. The ammonium nitrate and liquid ammonium nitrate urea applications during July and August were absorbed by the cotton plants four to five days before nitrogen from anhydrous ammonia applied at the same time.

Phosphoric acid and di-ammonium phosphate treatments, which yielded 860 and 810 pounds lint per acre respectively, produced significantly higher yields than other phosphate fertilizers used in the experiments.

Phosphorus sources used included 20 per cent superphosphate, 46 per cent treble superphosphate, and 52 per cent phosphoric acid. Dual nutrient carriers included 16-20-0 ammonium phosphate, 16-20-0 ammoniated superphosphate, 21-53-0 di-ammonium phosphate, and 8-24-0 liquid ammonium phosphate.

High yields of cotton appear to be associated with high levels of nitrate in the leaf stems and low levels of phosphorus during the fruiting period. The ammonium nitrate-phosphoric acid combination produced the highest yield of cotton.

Nutrient levels in the leaf stems were influenced more by moisture conditions than by different fertilizer treatments.

The research project was carried out by Wesley W. Masters, agronomy department graduate assistant; C. W. Wendt, assistant professor of agronomy; Dr. Clark Harvey, professor of agronomy, all of Tech; and H. J. Walker, assistant agronomist, Texas agricultural experiment station.



7.3.62

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

LUBBOCK      --Pork producers from New Mexico and Texas are expected on the Texas Tech campus July 5-6 for the two-day Swine Conference.

Stanley Anderson, associate professor of animal husbandry at Tech, said over 200 persons are expected to register in Tech's Livestock Judging Pavillion at 8 a.m. July 5 when the conference opens.

Three out-of-state speakers are on the program which will feature reports on practical swine management, the potential of specific pathogen-free hogs, research data gathered on Atrophic Rhinitis and Virus Pneumonia, and a panel discussion on new hog raising equipment and its uses.

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Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.3.62

A Swedish radiation geneticist is forming favorable impressions of the United States during her week-long lecturing in Texas Tech's biology teachers' institute.

She is Dr. Ruth Savhagen, assistant professor at the University of Stockholm, who describes Texas as even bigger than she had expected.

"I admire your country and am especially glad to see the American people who are extremely kind and helpful. I have traveled widely in Europe, but I find your people more kind," she said.

Dr. Savhagen is lecturing one hour a day and visiting several science classes on her visit here, sponsored by the American Assn. for the Advancement of Science.

At the University of Stockholm she teaches and conducts research in radiation genetics. "I am looking for the difference in the sensitivity to irradiation and for some methods of attaining a shelter against radiation," she said.

She is using a fruit fly in her research.

Dr. Savhagen's Fourth of July will be spent visiting "ranches, prairie dogs and cowboys"--impressions she has formed from the American television show, "Bonanza," also shown in Sweden.

Commenting on the Swedish education system, Dr. Savhagen said that the size of classrooms is usually a political issue. The average classroom contains only about 30 students, but politicians campaign that they will cut them in half, she said.

"The only thing wrong with their campaign promises is the shortage of teachers in Sweden."

(more)

Swedish prof--Add #1

The four universities in Sweden have separate faculties for the Schools of Law, Medicine, Theology and Philosophy, with the latter divided into Arts and Sciences.

Engineering and trades are taught in special schools--not in the universities.

Dr. Savhagen leaves Tech Friday and will travel to Kansas, Wyoming, Florida, Rhode Island and Maine for lecturing engagements. She will sightsee en route, since she has an active interest in U. S. geography and culture.

Dr. Savhagen's lectures this week at Tech are being given to 63 high school biology teachers in a National Science Foundation-sponsored institute. It is running from June 2-Aug. 3, under the direction of Dr. Earl D. Camp, biology department head.

###

7.5.62

LUBBOCK --Are American youth getting soft from all our easy living? It's not so, said Dr. Bernice M. Moore, a visiting lecturer at Texas Tech.

Dr. Moore, who is conducting a two-week "Workshop in Child Development and Family Relations," said the young people in America today are the finest group we have produced and if the need ever arrived, most all could adapt to the hardships any type of conflict would produce.

The well-known sociologist and social worker from the University of Texas, is leading a Tech Home Economics School study of problems faced by people from birth to death. Workshop participants are social workers connected with the P.T.A., Scouts, Y.M.C.A., Domestic and Probation Courts, and other family-type service organizations.

In speaking of the problems faced by people of all ages, Dr. Moore said she is not seeking to encourage a life where persons are not subjected to problems in everyday living. Facing these problems and solving them are all part of the growing process every person must cope with.

"If we ever reached the point where we did not have any problems, we would not be any better off than a vegetable," she pointed out.

The important thing is the way you live your life. You must have skill and performance, knowledge and the ability to use it in the solution of problems, and an understanding of other peoples' needs.

This ability is all part of the growing process which never stops from the time you are born until you die, she said.

A larger group than expected enrolled in the course during registration Monday when 60 persons signed up for the two-week course or parts of it.

(more)

visiting lecturer      Add #1

Dr. Willa Vaughn Tinsley, home economics dean, said additional registrations would be accepted Monday (July 9) for persons wanting to attend the second week of the course.

The second week of the workshop will be devoted to the problems of young adults, the middle years, the later years, and special problems facing adults.

Persons may attend the entire second week's programs or any of the five sessions which deal with problems they are interested in. The course will close Friday, July 13.

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7.5.62

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The research project was carried out by Wesley W. Masters, agronomy department graduate assistant; C. W. Wendt, assistant professor of agronomy; Dr. Clark Harvey, professor of agronomy; A. A. Young, head, department of agronomy--all of Tech; and H. J. Walker, assistant agronomist, Texas agricultural experiment station.

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7-5-62

LUBBOCK --A new housing project for Texas Tech married students will begin evolving with the opening early this fall of first units in a \$1.3 million apartment development just north of the campus.

In its initial stage, the privately financed and operated project will include 200 apartments in seven buildings located between Detroit and Elgin Streets and Second and Third Place.

Developers are Howell Killgore and Michael C. Grinnell.  
Designer is Houston Miller.

The developers said the apartments will be exclusively for Texas Tech married students and that the average rent for an apartment will be around \$80 per month, furnished and with utilities paid.

Each apartment will be air-conditioned and will contain 600 square feet of floor space, including a bedroom, living room, combination kitchen-dining room, bathroom, and four closets plus linen storage.

The living room and bedroom will have wall-to-wall carpet. Asphalt tile flooring will be used elsewhere. Furnishings will be of contemporary design and will include drapes.

Exterior walls of the two-story apartment buildings will be brick and stucco. Interior walls will be plaster. All construction will be semi-fireproof. Each apartment will be on either the first or second floor.

Features of the new development will include a swimming pool and recreation room, laundry room, fenced play area for children, and community patio areas among the buildings.

The initial stage of the new development is scheduled to be completed by next April. Further additions to it will depend on the success of the initial operation. Construction on the initial development started July 2.

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.6.62

LUBBOCK --Dr. Theodore Andreychuk, presently a management psychologist in Chicago, will become head of Texas Tech's psychology department Sept. 1.

Dr. R. C. Goodwin, Tech president, announced the new head, who will replace Dr. Beatrix Cobb, acting head since February. Dr. Cobb is also director of the Rehabilitation Counselor Teaching Program.

Andreychuk will head the staff of 14 psychologists in that department, which offers undergraduate work and courses leading to both M.A. and Ph.D. degrees in the Graduate School.

A native of Detroit, Mich., he has been associated with Rohrer, Hibler and Replogle of Chicago as a management psychologist since 1957. From 1953-57 he was a counseling psychologist with the Veterans' Administration Hospital in Downey, Ill.

"Dr. Andreychuk's experience and training in staff development will be a major strength in our department which has grown so rapidly," Dr. Cobb said.

"He is admirably equipped to integrate our department into the entire college program," she said.

Dr. Andreychuk received the B.M. degree from Michigan State University in 1943 and taught band in Mason, Mich., that same year.

He received the M.A. degree in public school administration from the University of Redlands and the Ph.D. in educational psychology from the University of Texas. While at Texas, he was a Hogg Foundation Fellow in Counseling for one year.

(more)

psychology head      Add #1

From 1943-46 he served with the Air Force and Army Intelligence Corps. He is a member of the American Psychological Assn. and the Illinois Psychological Assn.

He is married to the former Virginia Ann Morse, a trained psychiatric nurse.

###

7.6.62

LUBBOCK --Guten tag, good day in German, is a familiar sound right now at Texas Tech as the German department prepares for its sixth annual German Kinderschule July 17-Aug. 10.

Around 60 youngsters are receiving phone calls in German, telling them about Tech's unique plan for potential bilingualists. The students are taught to use German in conversing with each other and their teachers through a system of rhymes and visual aids for four weeks.

A limited number of places for second, third and fourth grade students are still open, Theodore Alexander, associate professor of German and director of the summer program, said.

Only second graders who have older brothers and/or sisters attending the Kinderschule will be accepted.

The classes will begin July 17 and will meet 1:30-2:30 p.m. Monday through Friday in the Tech Administration Building 325. Graduation exercises will be held Aug. 10 for those students completing the course.

The Kinderschule will emphasize practice in spoken German by using games, jingles, songs, pictures and stories. Models of a house, a farm and a dummy will be used as the basis of conversation.

"Except for the review units, the material is changed each year so a child may profit by repeating the course. Some children have attended as often as three or four consecutive summers or springs," Alexander said.

The children will be given an opportunity to continue their German study once a week during two months of Tech's spring semester.

(more)



Mrs. Robert Adair will return as teaching assistant this summer for the fourth time. The Abernathy native studied German while a student at Tech and makes the phone calls in German to prospective participants.

Student assistants include Nancy Keeton of Lubbock; Janet Knowles, El Paso; and Jean Forrest, Lubbock.

Cost for the tuition and materials used in the course is \$12. Persons interested in pre-registering their children or obtaining information may call Alexander 9-12 a.m. and 2-5 p.m. at PO 5-8541, Ext. 338.

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Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.6.62

Earline Ellison, Texas Tech music major, will be presented in her junior organ recital at 4 p.m. Monday (July 9) at the Second Baptist Church, 5300 Elgin.

Miss Ellison is a music education major and an organ student of Dr. Judson Maynard, assistant professor of music.

The recital is free and open to the public.

Her program includes Walond's "Introduction and Toccata," J. S. Bach's "Fugue in C-major," Bach's "Our Father in Heaven," Bach's "Prelude in G-major," Mendelssohn's "Sonata No. 1 in F-minor," and Franck's "Heroic Peace."

Miss Ellison is the daughter of Mr. and Mrs. R. E. Ellison, 2017 Fifth St., Lubbock.

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Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.6.62

LUBBOCK --The two-day Texas Tech Swine Conference ended Friday (July 6) with trophies being presented H. C. Tucker, Midlothian, and Hank Strassor, Wolfforth.

Tucker was awarded a trophy after a Hampshire Hog he entered in the carcass contest held in conjunction with the meeting produced 59 percent lean cuts after being slaughtered.

Strassor, vocational agriculture teacher from Wolfforth, was given a trophy for being top judge of the hogs before they were slaughtered.

Tucker's entry in the contest, which drew 10 entries, produced 59 percent lean cuts, while the second place entry produced 57.6 percent and third place produced 54.9 percent lean cuts. C. P. Smith of Hale Center owned the second place hog and J.B.L. Hancock, Weatherford, owned the third place animal.

A total of 198 persons registered for the two-day conference held at Tech Thursday and Friday.

Speakers for the conference were Dr. L. N. Hazel, animal husbandry department, Iowa State University; Dr. Wayne Moore, Texas A&M College; T. D. Tanksley Jr., swine production specialist, Texas A&M; Dr. J. C. Hillier, animal husbandry department, Oklahoma State University; Dale Zinn and Stanley Anderson, both of Tech's animal husbandry department.

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Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.6.62

Texas Tech and Lubbock Christian College are among 15 Texas colleges and universities receiving unrestricted funds from the National Science Foundation.

The funds will be used to bolster the science programs of the 302 institutions receiving the grants totaling \$3,730,634. Tech and LCC received grants of \$6,091 and \$5,010, respectively.

"These institutional grants are intended by the NSF to provide general and flexible support to develop and maintain sound, well-balanced programs of research, education or related activities in the sciences," the Foundation announced.

"The use of the funds is undesignated in the belief that the staffs of institutions of higher education are best able to determine their needs in the sciences and to know the best means to answer them," the Foundation announcement states.

Dr. R. C. Goodwin, Tech president, reports that the use of Tech's grants will be determined by the college at a later date.

Dr. F. W. Mattox, LCC president, said that its funds will be used to purchase additional equipment for the biology and chemistry departments and the college's greenhouse.

Texas institutions receiving grants are Texas A&M College, Austin College, Baylor University, University of Houston, Lamar Tech, Pan American College, St. Mary's University of San Antonio, Southern Methodist University, University of Texas, Texas Christian University, Texas Southern University, Texas Woman's University and Rice University.

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July 9-14, 1962

Totals



7-9-14-62

[illegible]

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.9.62

Kenneth Davis, English instructor at Texas Tech, is one of four Texans asked to write special reports for the South Central College English Assn.

Davis will report on the standard qualifications in English for secondary school English teachers. Extracts of his paper will be presented at the CEA convention Nov. 3 in Fort Worth.

Dr. T.M. Harwell Jr. of Pan American College, chairman of the CEA standards committee, said that the papers will be published in pamphlet form this fall.

Davis received the B.A. degree from Tech and the M.A. from Vanderbilt University. He is the general chairman of the District 13 English Workshop Conference to be held Oct. 13 at Tech.

###

7.9.62

A representative of the U.S. Labor Bureau and an Illinois psychologist exchanged views at Texas Tech Monday (July 9) on the skilled-manpower shortage of this decade and ways in which the public school counselor must meet this challenge.

Charles S. Bullock Jr. of the U.S. Bureau of Labor Statistics emphasized "the need for more people in more jobs of higher skills and greater training."

"The day of the unskilled, untrained worker is growing to a close," he said. "And it's even more critical when one realizes that seven and one-half million students will drop out of school during this decade."

Automation will most likely hurt employment chances of the unskilled but not the skilled worker, Bullock explained.

"More scientific advances have been made in the last four years than in the last 400 years before them," he said.

Such progress is bound to create an unprecedented demand for skilled workers, he pointed out.

Exchanging views with Bullock was Dr. Harold DeWeese of the Southern Illinois University psychology department. DeWeese expressed the need for counselors in the elementary school to motivate the students to continue their education and training.

"Too many of today's elementary students are trapped by our education system and their habits become fixed before they enter junior and senior high schools," DeWeese said.

(More)

psychology -- add 1

"The calendar now dominates the rate of education advancement by rigidifying the curriculum. We need the counselor to begin work in the elementary school by counseling both the teachers and the parents."

Bullock pointed out that the Houston public school system now employs 70 counselors in elementary schools and that Dallas is progressing along this line, too.

The two men, who are at Tech for the counseling and guidance training institute, agreed that the public school counselor must accept the challenge of training and educating the student in order to prevent the skilled-manpower shortage.

Bullock has been assistant regional director of the Bureau of Labor Statistics in Atlanta, Ga., for the past 12 years. He was at Tech speaking to the 30 counselors on the employment outlook.

DeWeese will be at Tech two weeks as a consultant for the NDEA institute. He is a member of the guidance department and assistant principal of the Laboratory School at Southern Illinois University in Carbondale.

###

7.10.62

LUBBOCK --Texas Tech archaeologists have been seeking a geologic time sequence for fossils and artifacts previously excavated near Beeville.

The 11 Tech students have been digging in the same site of Blanco Creek, 14 miles east of Beeville, where extinct animals and pre-historic instruments were found in 1938 by University of Texas excavators. The Tech summer field study ends this week (July 13).

According to Dr. David H. Kelley, associate professor of anthropology at Tech, the group has been using the Carbon-14 method of dating these discoveries. Tiny bits of carbon and other matter are collected by sieving the sand and gravel from the creek.

Wood ash, small carbonized seeds and snail shells and bones are being picked up in the current diggings by using sterilized trowels and pincers. The findings are placed in germ-free plastic containers and special care is exercised so that the particles are not contaminated by human touch.

Dr. Kelley and his students are working on the Bar-J Ranch, where projectiles, hearths (where fires are built), burnt rocks, one chipped stone ax, portions of spear points and three types of elephants were found 23 years ago.

These elephants included the Columbian, the Imperial (the largest) and the American mastodon. Also found were the extinct armadillo and ground sloth, a heavy turtle, the Ayers' Wolf and the glyptodon, a pre-historic animal. All are now in the University of Texas collection.

More recently a saber-tooth tiger, a ferocious big cat that lived in the Old Stone Age, was located in this county.

(More)



archaeologists -- add 1

"The time periods on the fossils and artifacts found on Blanco and Medio Creeks are our present problem," Dr. Kelley said.

Pits with straight sides have been dug down the side of the Blanco Creek bank, one below the other and extending eastward of and joining each higher pit in the direction of the creek bed. These are being dug in three units or kinds of soil, which overlay each other.

Soil Unit I at the top extends downward to a depth of seven and one-half feet. Some stone tools have been found in this unit, but no extinct animals.

Soil Unit II extends down from Unit I to a depth of 12 feet. No vertebrate fossils nor tools were found in this unit in the earlier excavations, but the Techsians have found bone fragments of vertebrates at depths which should correspond to Unit II.

Soil Unit III has been the most productive of the units. This extends downward from 12 feet to around 18 feet deep. Here the extinct animals were excavated by the earlier groups.

The Tech group has been working with these problems since June 3 when they arrived to set up camp for the six-week venture. The students are enrolled in the Anthropology 433-434 course, which carries six credit hours in the college course.

"The animals were here during the Pleistocene," Dr. Kelley said. "We want to determine whether the Berclair Terrace was being formed while the animals were still around, or if they were already fossil at that time."

"The Pleistocene, which lasted for a million to a million and one-half years, is a small fraction of geologic history," Gentry Dugat of the Beeville Bee-Picayune reports in his article on Tech's excavations.

(more)

archaeologists      Add #2

"The Berclair Terrace on the eastern boundary of Bee County was being formed the latter part of the Pleistocene, or possibly during the time since 8,000 B.C.," he said.

Tech's archaeologists will return from the Beeville area sometime this week (July 9-13).

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Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director  
July 11, 1962

7.11.62

LUBBOCK --Around 60 percent of Texas Tech's 1962 graduates have already been employed since their graduation, the Tech Placement Service reports.

In addition to this high employment record, Tech's January and June graduates are receiving salaries about \$20 higher than the national average. The results were found in the College Placement Salary Survey Report released this month to the 82 participating colleges.

The survey revealed that scientists and engineers continued to be sought in large numbers, but seniors in non-technical curricula raised their average in the 1961-62 recruiting season.

Salary offers to seniors in the non-technical disciplines averaged \$24 higher this year than in 1960-61. The increase more than doubled the \$10 hike non-technicals experienced from 1959-60 to 1960-61 and boosted the monthly dollar value of beginning offers from \$452 to \$476.

The most significant examples of Tech's leadership in beginning salaries are the offers made to electrical engineers by aircraft manufacturers.

Computation of the final results again found electrical engineers in the aircraft field as the leaders among employees in both dollar average and volume of offers, a position which they maintained throughout the year.

Tech's electrical engineers received average offers of \$598 as compared with \$592 on the national level. Twenty-one Tech EE's received offers among the 2,803 made in the nation.

(More)

According to the eleven job categories listed in the national survey, Tech has been one of the leaders in the engineering and accounting fields, Mrs. Diane Malone of the Placement Service observed.

The biggest percentage gains on the national level were made by non-technical employers. Most dramatic of these was made by public accounting firms which boosted their early-season average by 51.1 percent. One of Tech's accountants received a top offer of \$510 in the petroleum division, while another was offered a low of \$455.

Mrs. Jean Jenkins, Placement Service director, explained that Tech's monthly survey is included in the national averages.

The national report was released to some 2,000 major employers and over 1,000 college placement offices. It was based on a study of 20,525 actual beginning salary offers to male, bachelor's-degree candidates in 82 selected colleges and universities in the nation.

"This data has become recognized as the authoritative barometer of the recruiting field," Mrs. Jenkins said.

Tech's Placement Office sends follow-up forms to all graduates to obtain information for the survey. Of the 50-60 percent who have been employed, those who will enter the military service and graduate school are included, Mrs. Malone pointed out.

Elementary school teachers have been placed in schools of their choice, while several secondary teachers are awaiting the usual summer openings in the public schools.

Mrs. Malone said that only one female graduate had indicated her occupation as "homemaker" on the placement form.

In the School of Arts and Sciences, Tech mathematics and physics majors received high offers of \$620 and \$630, respectively. Geologists received highs of \$585; chemists, \$510; and engineering physicist, \$610.

The high offers in the School of Business Administration were \$480 in management; \$450 in advertising; \$433 in retailing; and \$400 in finance.

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.11.62

LUBBOCK      --Texas Tech will register students for the  
second term of its summer session Monday (July 16).

Classes begin Tuesday and continue through Aug. 23. Summer  
commencement will be Aug. 25.

The first term is scheduled to end Friday. A total of 4,758  
enrolled for the first term. Some 2,700 are expected for the  
second term.

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Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.11.62

Texas Tech students will hit the finish lines of first term summer courses by taking final examinations today (July 12) and Friday.

Students without room reservations for the second term, July 16-Aug. 23, must vacate campus residence halls by 10 a.m. Saturday.

The dormitories will open to new second-term students at 12 noon Sunday. Second-term registration will be held 8 a.m.-12 noon and 1:30-5 p.m. Monday and classes will begin Tuesday.

Orientation and testing for entering freshmen will begin at 8 a.m. Monday in Chemistry Building 101.

A total of 4,758 students are enrolled for the first term, setting a new all-time record. Second term enrollment last summer was 2,772 and Tech officials expect about the same number for the second term this summer.

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Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.12.62

Mu Phi Epsilon, honorary music sorority at Texas Tech, has received an award for the best yearbook in the nation.

The Epsilon Pi chapter entered their yearbook in competition with those from 20 other collegiate chapters in the nation. The awards were announced recently at the national convention at Indiana University.

Miss Janis Richardson, president of the Tech chapter, accepted the award at the convention. Miss Richardson is a senior music education and English major from Lubbock.

The yearbook contained clippings and pictures of the sorority's rush and pledge activities, achievements by members, recitals and programs, and alumnae activities.

###



7.13.62

LUBBOCK      --Income in gifts and grants to Texas Tech, received through the Texas Tech Foundation during the first six months of 1962, has set a new record for total receipts during any six-month period.

W.H. Butterfield, Tech vice-president for development, reports total receipts of \$302,350 for the period from Jan. 1 through June 30.

The largest sum received for any single project was \$95,625 in gifts and grants to the Supplementary Building Fund of the new Texas Tech Library.

These contributions, combined with others received before the beginning of the 1962 calendar year, bring total gift support of this project to \$163,650. Additional gift commitments of \$62,500 to the Library project are to be paid before the close of 1962.

Total grants for various research projects during the first six months of 1962 amounted to \$97,737, including \$73,687 in research funds received from the Robert A. Welch Foundation of Houston.

Grants to provide other physical facilities and equipment at Texas Tech amounted to \$52,921. Funds received for scholarship awards amounted to \$21,435. Other receipts include gifts to scholarship endowment programs, student loan funds, and several special projects.

The record total of gifts and grants for the first half of 1962 includes no portion of the \$500,000 grant authorized last January by the Killgore Estate Trustees for a memorial Killgore Beef Cattle Center at the Texas Tech Research Farm, Pantex. It is expected that \$200,000 of this grant will be received before the close of 1962, with the remaining \$300,000 to be paid in 1963.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.13.62

SUITABLE FOR TIME COPY

LUBBOCK --A new kind of engineer is coming into prominence in the American industrial scene these days through training at Texas Tech and other institutions. He is the industrial engineer.

The classical engineer works with components. The industrial engineer is concerned with entire work systems including the men and women who operate them. Men, machines, increased productivity and lower costs are seen in an all-embracing perspective in this new field of engineering.

The field developed before World War II but really sprouted its wings and became an important engineering segment within the past 10 years as more and more companies became interested in maintaining quality and lowering production cost.

Tech's industrial engineering department, ranked in the top five across the nation, has grown from 55 students in 1950 to 181 students in 1961, including 10 graduate students working toward their master's.

Dr. Richard A. Dudek, head of the Tech department, said the computer has taken its place alongside the slide rule as an important tool of the industrial engineer who is concerned with the design, improvement, installation of integrated systems of men, materials, and equipment to do a better job and still maintain quality control.

The industrial engineer of today is most often employed in an advisory capacity, usually on the management staff of an organization.

(More)

industrial engineers -- add 1

In this capacity, he designs work systems which will allow the organization to obtain maximum utilization and control of its resources, determines cost, sets quality standards, sets schedules and standard times for the performance of specific jobs, and determines the layout of the physical facilities.

The industrial engineer is used most widely in manufacturing fields, according to Dr. Dudek, but contributes his knowledge to such areas as engineering sales, farm management, home economics, hospital work, surgery, hotel and restaurant operation, retail store operation and other fields.

At Tech, the industrial engineering staff and students are carrying on research in such fields as work analysis, work management, production, analysis, control systems, and systems management.

One of the important problems of work analysis is a more scientific definition and measurement system for human work. Directed toward this end is research being conducted by M.M. Ayoub to determine the accelerations, velocities, distances, and positions of a body member in three dimensions during the performance of any work task.

Another research project being conducted by Tech's IE department is concerned with the development of a method for determining the minimum time sequence of any job schedule to be performed on many machines. Still other projects are concerned with the analysis of the forces involved in machining for the purpose of designing better tools for automation and in machining for new "space age" materials.

###

7.13.62

LUBBOCK --Texas Tech's Summer Institute for High School Biology Teachers moves its classrooms to Mexico this week (July 14-22) via air-conditioned bus.

The 39 participants and two Tech biology professors left Lubbock at 8 a.m. Saturday (July 14) to study 12 different major vegetation types of Mexico.

Chester M. Rowell, assistant professor of biology, is the field trip director, assisted by Dr. Arthur M. Elliot, also an assistant professor.

Stops on the Mexican expedition include Piedra Negras, Sabinas, Monclova, Saltillo, Matehuala, Huisache, El Salto, Tamazunchale, Valles, Antiguo Morelos, Mante, C. Victoria, Linares, Montemorelos, Monterrey and Nuevo Laredo.

The teachers will study vegetation types growing between sea level and 8,000-feet high. They will be quizzed over the trip and must submit a written report to obtain credit in the course.

On July 27, Dr. Earl D. Camp and Dr. Paul Prior of the biology department and institute staff will conduct a similar field trip to study the vegetation in New Mexico.

The Tech group will return July 22 from Mexico to resume classes in the National Science Foundation-supported institute. The institute runs through Aug. 3.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7-13-62

Jim Lindsey, a member of the Texas Tech board of directors, has been promoted to lieutenant colonel in the Army Reserve.

Maj. Gen. Earl Rudder, commanding general of the 90th Division, has announced the promotion. Lt. Col. Lindsey is managing editor of the Midland Reporter Telegram and is Division information officer on Gen. Rudder's staff.

The Midlander served as an enlisted man before receiving a direct commission. He was assigned as the 90th Division information officer upon becoming a major in May, 1958. His promotion to lieutenant colonel was effective June 15.

The 90th is an all-Texas division with units in more than 50 towns and cities. The 90th transportation battalion has headquarters in Midland with companies also in Odessa.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.14.62

LUBBOCK --A Food Technology Workshop will be held at Texas Tech beginning Monday, (July 16) for persons engaged in the food processing business and other interested in learning the latest food processing advancements.

The two week course under the direction of Dr. Mina Lamb, professor of home economics at Tech, is expected to attract 30 persons.

Dr. Lamb said speakers for the workshop include Tom Butler, of Dallas, district manager for the Sexton Co. He will talk about quality control from the food packing industry's viewpoint. Other principal speakers are Dr. Richard Dudek, head of Tech's industrial engineering department, who will speak on the influence industrial engineers are having on food processing; and Mrs. Gladys Holden, assistant professor of home economics at Tech, who will speak on the various standards used by the government in grading food.

A tour of food processing plants in the Lubbock area will be given those attending the workshop.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.14.62

More than 2,700 students are expected to register for the second term of Texas Tech's summer session, beginning Monday (July 16).

Registration will be conducted 8 a.m. to 12 noon and 1:30 to 5 p.m. that day. Classes will begin Tuesday. Registration and class changes must be completed by 5 p.m. Wednesday.

The second term will continue through Aug. 23. Summer session classes meet each day Monday through Friday. Classes also will meet on two Saturday's during the second term: July 28 and Aug. 11.

Freshmen entering Tech for the first time will gather at 8 a.m. Monday in Chemistry Building 101 for orientation and special tests.

Summer commencement will be held Aug. 25. Tuesday, July 17, will be the last day to order academic regalia and senior invitations for the event. Second term students must pay graduation fees by July 31.

Enrollment for Tech's first term totaled 4,758. The term ended last Friday. Second term enrollment last summer at Tech totaled 2,772.

###



## MAILING SCHEDULE FOR July 16-21, 1962

Name of Story		Local	Dailies	Wire	Weekly	Regional	Special	HT's	Board	Regional Radio	Telops	Explanation
7-16	biology institute							30				
7-18	home eco. summer teachers appr	AJ						19				
7-18	Ann Rudder feature (A&M Pres.)	X	X				1				X	pix AJ & TV's Jim Lindsey Midland
7-18	registration feature	X										
7-19	Rec. Hall	X										
7-19	H. Sch. Speech Workshop	AJ										Jack Sheridan AJ
7-20	AF ROTC news		X									long Radio & TV <del>xi</del> list
7-20	Tech library	X										
7-21	H. Sch. Speech Workshop	X										<del>xxpx</del> except AJ
									</			

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7. 16. 62

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(more)

biology institute      Add #1

AMARILLO--Alden White, 2209 Gnaud.

BEAUMONT--Thomas Ronald Jackson, 1885 Park.

CORPUS CHRISTI--Benjamin Pilcher, 605 Stirman.

CUERO--Johnnie W. Baker.

EL CAMPO--Walter Robert Williams.

EL PASO--Manlio Anthony DeSantis, 251 Hawkins Way.

EVANSTON, ILL.--Louis Ton, 410 Davis St.

FABENS--Guadalupe Antonio Cruz.

HOUSTON--Homa Sylvanus Hill Jr., 4111 Wuthering Heights.

IDALOU--Richard Dwain Coggin.

KATY--Joe Herbert Bright.

LAMESA--Eugene E. Barkowsky.

LEVELLAND--Walter Scott Couch.

LUBBOCK--Patsy Ruth Brown, Willie Edwin Laster, Darrell Lee McClure,  
Glenn David McDonald, and Mike Mayes.

MANSFIELD, OHIO--Charles Leon Barger, 694 Winding Way.

MATADOR--Wayland Foy Moore.

MIDLAND--Essie Mae Haisler, 3500 W. Michigan.

MINERAL WELLS--Gary Dean Henry.

MYRTLE, MO.--Wayne R. Agin.

ODESSA--Carroll Wayne Forrest, 4312 McKnight.

PLAINVIEW--James Burton McDonald.

PLANTERSVILLE--John S. Freeman.

PORT ORCHARD, WASH.--Orville Archie Anderson.

POST--William Ralph Bennett.

RISING STAR--Royal Jack White.

SALINA, KANSAS--Milton Dale Rafferty, 1014 S. Santa Fe.

SCHRIEVER, LA.--Joe O. Buckley.

SILSBEE--Sam McDonald.

(more)

biology institute      Add #2

TAHOKA--Robin Eugene Vaught.

TULIA--Blake Overton Hefley.

VAN ALSTYNE--Charles William Winfield.

WELCH--Elwyn Leon Bass.

WESTBROOK--Charles R. Hutchins.

WICHITA FALLS--Jack Wayne Stanford, 1807 Grant.

ZAPATA--Ruben Flores.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director  
July 19, 1962

7.19.62

The beginning of one of Texas Tech's most popular projects has come to an end.

Approved in 1928 and made a reality in 1947, the Tech Recreation Hall has been torn down to provide a scenic setting for the present Union Building area.

The old Rec Hall stood behind the present Union Building. A patio on the east wing of the \$1 million Union annex will overlook the area to be landscaped.

The former war-surplus building formed the beginning of the movement to materialize later as the Student Union. The inspiration for this movement came from a young English instructor at that time, who is now Tech's dean of student life.

Dean James G. Allen was chairman of the Committee on Social Affairs and read the following statement to the faculty on March 6, 1928, to start the recreation movement:

"It may be suggested that perhaps the one thing that would go farthest toward improving social affairs would be a student union or recreation hall."

The recommendation was approved in principle but 19 years passed before the abstract became concrete. In 1947 the Rec Hall was finally made possible by a gift of three army surplus buildings from the federal government. Two of the buildings were joined for a recreational area and the other was turned into a cafeteria.

(More)

rec hall -- add 1

The makeshift hall was neither luxurious nor beautiful, but it filled a gap of social life at Tech. The students danced on flooring that had been taken from a dining room of a women's dormitory and they played table tennis, chess, cards, and just talked as they had previously tried to do in a crowded corner of the old bookstore.

After the Union Building was completed in 1952, the Rec Hall became known as the Campus Club, a facility for faculty and staff.

With the passing of the old structure, Tech now operates an 86,000 square-foot Union building, one of the finest in the nation.

Only scattered boards of the old building remained standing until this week, but many memories of the past 15 years lie in the area between the Music Building and the Administration Building.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.18.62

LUBBOCK --Twenty Texas Tech home economics students are working in various high schools around the state this summer in an apprentice teaching program.

The program gives the students who plan on entering the home economics teaching field actual experience and a chance to get acquainted with the summer homemaking programs offered in various Texas towns and cities before they embark on their student teaching assignments during their senior year.

The program was initiated in 1957 through a grant donated by the Sears-Roebuck Foundation. The grant covers the students' living expenses while they are taking part in the program and provides funds necessary for administration of the work.

Dr. Willa Vaughn Tinsley, home economics dean, said the program gives the students a chance to observe teachers in action, become acquainted with teaching materials, and to try out their chosen profession.

Taking part in the summer teaching program are:

Apprentice Teacher  
Home Town

Apprentice Teaching Center



Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.18.62

LUBBOCK      --Texas Tech home economics students this summer include the daughter of Texas A&M President Earl Rudder. Miss Ann Rudder is enrolled in a home management course.

A home economics student who plans on teaching when she graduates in May 1963, Miss Rudder normally attends the University of Texas.

"I am trying to graduate in three years and decided to come to Tech to take advantage of their summer program so I would not have to overload my schedule this fall," she said.

Students enrolled in the course live in a large two story house on the southeast part of the campus. It formerly was used as the home for Tech's presidents until it was turned over to the Home Economics School for the home management program.

The 10 girls who take the course each semester or term divide the duties so each girl gets experience in all phases of running a home including taking care of a very young baby.

This summer term, the girls have three-month-old Brad Clark, son of Mr. and Mrs. Robert W. Clark, during the hours of 7 a.m. to 4:30 p.m. The girls have turns taking care of the child and planning his meals, keeping him clean and acting as his mother during the 9½ hours while his mother attends classes at Tech.

# # #

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.18.62

A total of 3,186 Texas Tech students have signed up for a second round of battling with the books.

That many had completed enrollment when regular registration for the second term of the summer session closed at 5 p.m. Wednesday (July 18).

A few more will be added as they enroll for academic credit in short courses conducted during the second term. Classes started Tuesday. The term will end Aug. 23.

An enrollment analysis by Schools shows Agriculture with 143; Arts and Sciences, 1,177; Business Administration, 576; Engineering, 632; Home Economics, 122; and Graduate 536. There are 2,195 men and 991 women enrolled.

Registration for the comparative term last summer was 2,772. A check of records back to 1949 shows the current enrollment to be the largest for a second summer term. Records of terms previous to 1949 were not available Wednesday.

###

Texas Technological College  
Public Information Department  
Adrian Vaughan, Director

7.20.62

Texas Tech's library is "at home" in its new building.

The last of Tech's 517,000 books and other volumes were moved into the striking new five-story library building Friday (July 20).

All of them will be available to students, faculty and staff and other users Monday. For the past several weeks, users have had to go either to the old library or the new, depending on the status of the move.

Summer hours for the new library are now 7:10 a.m. to 10 p.m. Monday through Thursday, 7:10 a.m. to 5 p.m. Friday and Saturday. The building is closed on Sunday.

Librarian Ray Janeway and his staff celebrated the end of the move Friday with the cutting of a large white cake. Inscribed on it were the words "at long, long, long last." Above the words was a candy drawing of the new library building.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.21.62

Texas Tech's annual high school speech workshop which begins Monday (July 23) will attract more than 30 students.

Dr. P. Merville Larson, Tech speech department head, said 26 students had pre-enrolled for the course which will end Aug. 3.

The workshop is open to any high school sophomore or junior interested in dramatics or forensics. The two week course will include study and practice in voice, diction, personality development, role-playing, bodily action and development of good speech habits.

The dramatics students will produce as many plays as can be cast from the group, in addition to receiving practice in make-up, lighting, costuming and stagecraft. Oral interpretation will also be included in the program.

Students interested in forensics will discuss and debate this fall's high school debate topic, "Resolved that the United States should promote a common trade market for the Western Hemisphere."

The workshop will be climaxed by a public demonstration featuring all students in a summer speech program.

###

## MAILING SCHEDULE FOR

July 23 - 28, 1962

Name of Story		Local	Dailies	Wire	Weekly	Regional	Special	HT's	Board	Regional Radio	Telops	Explanation
7-23	NASA at Tech	X	X							X	KCBD	pix to AJ & KCBD
7-23	speech workshop							12				
7-24	geosciences	X	X				Sci list			X		science list Oil list
7-24	nutrition workshop	X	X							X		
7-24	theater tour		Fine Arts							X		
7-24	Nt'l. Sci. Found.	X								X		
7-25	Kilgore Story						1					West Texas Today
7-25	New Texas History	X	X				10				X	Ft. Worth, Dallas Times w/pix AJ, TV's, Amarillo, Austin
7-25	Tech Union activities	X								X		Jack Sheridan at AJ
7-25	Milton scholar at Tech		X				8					
7-26	Milton scholar at Tech	X								X		
7-26	Clayton Fund Scholarship	X	X				11	1				Cotton trade journal Hale Center & Houston
7-26	biologists at N. M.	X	X				1			X		Toas N. M.
7-26	molecular research						25					Washington, D. C.
7-26	able under-achivers	X										
7-26	New Texas History						1					
7-27	food workshop	X	X							X		
7-27	FORTTRAN programming	X										
7-28	math institute	X										
7-28	Union activities	X								X		except AJ
7-28	Miss Lubbock						67	13			3	
Totals		14	8				8	2		10	2	4 Pix 1/pub. serv.

Places  
Stories

AJ only

1 fact

67 13

8 2

10 2

4 Pix

1/pub. serv.

7.23.62

LUBBOCK --Twenty-eight Texas high school students are attending Texas Tech's annual speech workshop July 23-Aug. 3.

The two-week course includes study and practice in voice, diction, personality development, bodily action and development of good speech habits.

The workshop is divided into separate forensic and dramatic groups.

Dr. P. Merville Larson, Tech speech department head, is director of the workshop taught by members of the speech faculty. A public demonstration of plays, debates and speeches will climax the speech activities.

Participants include the following:

BALLINGER--Ginger Newby.

BROWNWOOD--Rody Smith.

CANADIAN--Janet Greene.

COLEMAN--Bill Gardner.

ELDORADO--Eldra Gibson and Bob Lester.

GARLAND--Ronnie Bozman, Jerry Deaton, Curtis Hanks, Billy Hunt, Sherie Stallings, Cathy Stricklin, and Julia Hitchcock.

HALE CENTER--Lynn Ruddy.

JOSHUA--Carolyn Shipman.

KELTON--Penny Puryear and Sherry Burrell.

LUBBOCK--Kathleen McCullough, Bob Mitchell, Jay Stanley, Lance Wilson, and Gary Harrell.

OLTON--Dana Speer, Stephen Smith, Taz Speer, and Sharon Bregance.

VESPER--Marc Nielsen.

WILSON--Valton Macker.

###

7.23.62

LUBBOCK --Possibilities of space research at Texas Tech were discussed here Monday (July 23) by Tech officials and representatives of the National Aeronautics and Space Administration.

The four NASA representatives met in the morning with Tech President R. C. Goodwin and 22 other Tech executives, then spent the afternoon touring campus facilities and conferring with Tech faculty members and researchers.

The NASA delegation was made up of four executives of the Southwest Research Institute at San Antonio: Dr. Dana Young and Dr. J. M. Sharp, technical vice-presidents; Dr. J. E. Hobson, planning and development director; and Dr. H. P. Burchfield, SRI chemist.

NASA has a \$3.5 billion budget that may be increased soon to as much as \$5 billion, representatives of the space agency reported.

Eighty percent of this will be spent in contract research and development.

"NASA is dependent on educational institutions for its manpower and basic research," said Dr. Young, beginning spokesman for the delegation at the morning conference in the President's Office.

The NASA program's by-products alone will have tremendous economic implications, he declared.

More direct economic benefits will come to areas with educational institutions that have the faculties and facilities to make direct contributions to the NASA program, the representatives pointed out.

In addition to basic research contracts, NASA will make between four and five thousand fellowship grants per year, with the aim of eventually producing a thousand Ph.D.'s annually with backgrounds that will contribute to the space program as well as other scientific and industrial development.

(more)



NASA at Tech Add #1

The NASA delegates described various aspects of the U.S. space program and invited Tech researchers to apply for grants in any area where they think they can make a contribution.

Ends of U.S. space research are as infinite as space itself, the NASA representatives said. Already in the planning stage are explorations to Mars and Venus and possible trips to planets so far away that a family which can reproduce itself enroute may be required so the second generation can complete the journey.

NASA has asked the delegation of SRI researchers to visit educational institutions throughout the Southwest, with a special attention to be given to research that will tie in with developments at NASA projects in Houston.

###

7.24.62

LUBBOCK --Texas Tech's geology department has expanded its program to include curricula in the geosciences, thus changing its name to the department of geosciences.

The curricula now include geochemistry, geophysics, paleontology and ground water geology, in addition to standard Bachelor of Arts and Bachelor of Science programs currently offered in geology.

The change of curricula and name was approved by the Texas Commission on Higher Education to better reflect the variety of offerings in the title of the department, Dr. F. Alton Wade, department head, said.

"Interest in the geochemical and geophysical aspects of the earth sciences has been increasing rapidly during the past two decades, but institutions of higher learning have not geared their programs to take care of the training of students in these fields," Wade said.

"Undergraduate programs for students interested in these disciplines are practically non-existent. As a result, most of the training must be at graduate levels and with students usually poorly prepared in one of the two principal aspects of each of the subjects," he concluded.

Students in all programs of geosciences will be required to attend the summer field course of six weeks between their junior and senior years, or at the close of their senior year. Purpose of the course is to give a true insight into the problems of the geosciences through an understanding of the broad relationships which can be studied only in the field.

(More)

geosciences -- add 1

The new programs in geophysics and geochemistry will lead to Bachelor of Science degrees, with majors in the particular field. Students will receive basic backgrounds in mathematics and geology, in addition to physics or chemistry.

The ground water geology program is now offered to provide a well-rounded background in geology and the training in hydrology which is essential to the engineering problems encountered in this field, Wade explained.

For those students interested in the paleontological side of geology, an optional program is being offered in which background training in zoology is required to supplement a broad background in geology.

###

7.24.62

LUBBOCK --Quackery, both in the fields of nutrition and medical devices, bilks the public of an estimated billion dollars per year in the United States, according to Dr. Mina Lamb, professor of foods and nutrition at Texas Tech.

Dr. Lamb made the statement to 16 students attending the two week Food Technology Workshop at Texas Tech (July 16-Aug. 3). She said the figure was released during a National Congress on Quackery held in Washington, D.C.

The quackery of product marketing appears largely in three major areas: false claims for drugs and cosmetics; pseudoscience in nutrition; and fake medical devices. The Food and Drug Administration reports that nutritional quackery is the most widespread and expensive type of promotional charlatanism in the United States today, she said.

Quoting from a speech given by Dr. Frederick Stare, chairman, department of nutrition, Harvard, Dr. Lamb told the group that the quacks "have something to sell, they line their pockets with your money." No one food is essential to health. Some sixty nutrients which are necessary for good health can be obtained from foods available in any grocery store.

Sea water is a recent example of faddism, she said. Some people get the misconception that because such water contains numerous mineral and trace elements the body needs, it will be healthful to take a little sea water every day.

Ignored is the fact that the same mineral elements are present in common foods, and with the possible exception of iodine, they are abundantly supplied by the ordinary diet.

(More)

Quackery -- add 1

During the workshop the group is scheduled to hear lectures on fallacies in food packaging, the influence industrial engineers are having on food processing, and the various standards used by the government and industry in grading food.

The group will also tour food processing plants in the Lubbock area.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.24.62

ATTN: Fine Arts Editors

LUBBOCK --Texas Tech's American Theater Tour will cover 19 days, 5,000 miles of theater-going and a week in New York City.

The Tech speech department is sponsor of the trip, scheduled Aug. 4-23, to leading theaters in America and Canada. The registration fee includes transportation, lodging and theater tickets, Dr. P. Merville Larson, department head, said.

The tour is open to students as well as the general public and there are a limited number of places remaining on the chartered bus. Interested persons should contact the speech department at PO 5-8541, Ext. 356.

The Dallas Theater Center is the first stop on the tour Aug. 4, followed by a performance of "Oklahoma!" at the St. Louis, Mo., amphitheater. On Aug. 7 the group will see "Raisin in the Sun" in Chicago, Ill., and will visit the Northland Theater in Detroit, Mich., on the following day.

"Macbeth" is the scheduled production for Aug. 9 at the famous festival in Stratford, Ontario, Canada, with a tour of the site. On Aug. 10 the touring group will visit a summer stock company in Albany, N.Y., then attend a performance of "Henry IV" at the Shakespeare Festival in Stratford, Conn.

A week in New York City has been scheduled where the theater-goers will see "The Night of the Iguana," "A Funny Thing Happened on the Way to the Forum," "A Man for All Seasons," "Mary, Mary," "Oh Dad, Poor Dad," "Plays for Bleeker Street" and "The Blacks." They will also see "King Lear" at the Central Park Theater.

(More)

theater tour -- add 1

On Aug. 19 the Barter Theater in Abingdon, Va., will be visited and a performance witnessed and Aug. 20 will find the group in Danville, Ky., to see "Trees of Promise." On Aug. 21 the group will probably journey to the Front Street Theater in Memphis, Tenn.

A day of relaxation has been scheduled for Aug. 22 in Hot Springs, Ark. The tour will return to Lubbock on Aug. 23.

A \$250 registration fee is the standard rate, while the deluxe rate is \$375.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.24.62

LUBBOCK      --An Australian mathematician will be a guest lecturer at Texas Tech's National Science Foundation mathematics institute this week (July 26-28).

He is Dr. T.G. Room, mathematics department head at the University of Sydney, Australia, who will speak Thursday, Friday and Saturday to the institute participants and the Tech mathematics staff.

The Thursday lecture, which is open to the public, will be at 3 p.m. in Room 126 of the air-conditioned Classroom and Office Bldg. "Geometry, Prolegomena to Physics" is the topic of the lecture, which explains axiomatic development of plane geometry by interpretation of physical relations.

Dr. Room is traveling under auspices of the American Assn. for the Advancement of Science and is being financed by the NSF.

In his last lecture he will explain the general organization of the Australian education system, with a more detailed description of the New South Wales system.

Dr. Charles L. Riggs, Tech mathematics department head, is director of the NSF mathematics institute this summer.

###



Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.25.62

LUBBOCK --Six Texas Tech faculty members will team up to write a six-volume narrative history of Texas.

The project is one of the most extensive ever undertaken in Texas history. It is the first cooperative multi-volume history of the state.

It probably is the first major work of its type with all the authors at one institution. This will allow many conferences and suggestions that would be impossible otherwise.

The authors are Dr. Ernest Wallace, Dr. David Vigness, Dr. S.S. McKay, Dr. Seymour V. Connor, Sylvan Dunn, and Odie Faulk. Publisher is Steck Co. of Austin.

This will be history to enjoy as well as enlighten, the authors announced in a joint statement.

"Too many historians write only for other historians," the authors said. "and too much 'history' has been written by skilled writers who know little about history."

The volumes will range from the first Spanish probes into Texas in the 1500's to modern times. The writers will attempt to emphasize the lively, significant events and personalities in Texas' development --all with the historian's accuracy. Footnotes will be avoided.

The first volume, by Faulk, will cover Spanish Texas from 1519 to 1810. Vigness will describe Mexican and colonial Texas and the Texas Revolution in volume two.

(More)

new Texas history -- add 1

The Lone Star Republic, Mexican War and early statehood are Connor's subjects in volume three. In volume four, Wallace will write about the Civil War, reconstruction and the Indian frontier.

Dunn's narrative in volume five covers the last quarter of the 19th century, the bringing of law to the frontier and development of the ranching industry.

The dramatic story of 20th century Texas' rapid growth and change will be told in the sixth volume by McKay.

The total list of books and articles by the team of Tech historians would exceed 100. It would include McKay's Seven Decades of the Texas Constitution and Wallace's widely-read Comanches, Lords of the South Plains.

It would range from Vigness' publications in Latin American history to Dunn's work on agricultural problems of the late 19th century.

Connor, author and editor of a number of works on the Texas Republic, is director of Tech's Southwest Collection as well as a history professor. Faulk, regarded as one of the region's most promising young historians, will receive his Ph.D. degree from Tech in August.

Each volume in the series will stand alone as a separate treatment of its period. The series is expected to be ready for publishing sometime in 1963. Connor will be editor for the project.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.25.62

CAPTION

TEAMING UP ON TEXAS HISTORY--Six Texas Tech faculty members will use a team approach to write a six-volume narrative history of Texas. They are (left to right) S.S. McKay, Sylvan Dunn, Ernest Wallace, Seymour V. Connor, David Vigness, and Odie Faulk. One of the most extensive projects ever undertaken in Texas history, it probably is the first major work of its type with all the authors at one institution.

###

(Texas Tech Photo)

7.25.62

LUBBOCK      --Tech Union on the Texas Tech campus has scheduled a variety of fun-filled entertainment during the month of August for the school's summer students.

Nina Dova, star of radio and television on London's BBC and Canada's CBC networks, will highlight the month's special event on Thursday, Aug. 2. The program will begin at 7:15 p.m. in the first floor ballroom of the Union Building.

Miss Dova sings international folksongs to the accompaniment of her own guitar. Her repertoire includes the folk music of Brazil, Chile, Ireland, England, France, Spain, and the United States.

A special dance during the month will be the "Bermuda Bounce" on Friday, Aug. 17, in the first floor ballroom. Square dances will be on Thursday, Aug. 9; Saturday, Aug. 18; and Thursday, Aug. 23. All square dances will be in the second floor ballroom. Thursday dances will be 7-8:30 p.m., and the Saturday dance will be 8-10 p.m.

For sports enthusiasts, a miniature golf tournament is scheduled Aug. 10-11. Students may take part in a "sit-down sport" on Bingo Nite Aug. 15 when the playing will begin at 7 p.m.

Union movies scheduled for the month are "Perfect Furlough" on Friday, Aug. 3 at 7:30 p.m. and Saturday, Aug. 4 at 3 p.m.; "Make Mine Mink" on Thursday, Aug. 9 at 4 p.m. and Friday, Aug. 10 at 7 p.m.; and "Last Wagon" on Saturday, Aug. 18 at 3 p.m. All movies are shown in the second floor ballroom.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.26.62

LUBBOCK --Dr. James Holly Hanford, world renowned Milton scholar, will be a visiting professor in the Texas Tech English department this fall.

Dr. Hanford, now at Princeton University, will teach two graduate courses during the fall semester, Dr. John C. Guilds, head of Tech's English department, said.

He will teach two seminar courses--"Studies in English Literature of the Seventeenth Century," with emphasis on John Milton and "Seminar in Literary Research."

In addition to teaching, Dr. Hanford will serve as a bibliographical consultant to R. C. Janeway, Tech library director, and will present several public lectures during the fall.

A past president of the Modern Language Assn., Dr. Hanford is called by many the foremost authority on Milton today.

He has been professor of English at Simmons College in Boston, Western Reserve University and the Universities of North Carolina and Michigan.

As a visiting professor, he has taught at Harvard, Princeton, Columbia, the Universities of Texas, Chicago, California and Damascus, Syria's national university.

His major contribution to the study of Milton has been his Handbook on Milton, first published in 1926. The book has been widely used as a textbook in America and England. His other books on the English author include: John Milton, Englishman; The Poems of John Milton; and A Restoration Reader.

(more)

Dr. Hanford received the B.A. degree from the University of Rochester and the M.A. and Ph.D. degrees from Harvard. The University of North Carolina conferred an honorary Doctor of Laws degree on him for his scholarly compilations and interpretations which he began while teaching at Chapel Hill, N.C.

Since he has been at Princeton, he has served as visiting professor and bibliographer in the University Library. In addition, he worked on the Princeton Humanities Project to furnish historical data for a forthcoming report on "Literary Scholarship in America. "

During World War II he held a long-time Rockefeller Foundation grant to conduct a humanistic study of the foreign populations in Cleveland. He spent three months in Italy this past year on grants from the Philosophical Society and the American Council of Learned Societies.

The University of North Carolina Alumni Review reported that his students are among the most distinguished scholars and teachers of Milton in America.

Dr. Hanford lists Thomas Wolfe, American novelist, and Paul Greene, playwright, among his famous students.

"In his teaching and researches, he crosses narrow departmental lines in the integration of the humanities, the fine arts, and the social sciences toward a more liberal educational leadership in interpreting the present with the perspective of the humane tradition of America and the world," the Review said of him.

###

7.26.62

LUBBOCK --A Hale Center youth has been awarded the 1962-63 Clayton Fund Scholarship at Texas Tech.

Leroy V. Hill is recipient of the award given to an entering freshman agriculture student who designates agronomy as his major, according to Dr. George O. Elle, assistant dean of agriculture.

The scholarship, described by Dr. Elle as one of the most attractive available to freshman students, will provide Hill with \$700 for tuition and living expenses during the nine month school year.

Hill was graduated from Hale Center High School with a grade point average of 95.3 in May. While attending high school, he served as class president during his junior and senior years in addition to being named president of his Future Farmers of America chapter and serving on the student council.

He will be eligible to receive the scholarship each year he attends Tech providing he maintains a satisfactory record.

The scholarship award is made each year to a West Texas youth who can provide evidence of a good background and experience in raising cotton.

The Clayton Fund is supported by Anderson-Clayton and Co.

###

7.26.62

LUBBOCK --Forty biologists studying at Texas Tech this summer leave Saturday (July 28) for a six-day field trip to New Mexico.

The group will study the tundra (treeless plains) vegetation of New Mexico. They are enrolled in Tech's Summer Institute for High School Biology Teachers sponsored by the National Science Foundation.

This is the second field trip in two weeks for the biologists, who are studying the major vegetation types. They studied the tropic, grassland and forest vegetation types July 14-22 on the field trip to Mexico.

The two field trips will provide a study of the four major vegetation types of the world, Dr. Paul Prior, field trip director, said.

Dr. Earl D. Camp, biology department head and institute director, will accompany them on the field trip.

The teachers will travel to New Mexico on air-conditioned buses and stay at the Hondo Valley Ski Lodge near Taos.

They will return to Lubbock Thursday, Aug. 2. The nine-week institute ends Friday, Aug. 3.

###



Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

A St. Louis research psychologist and the Lubbock guidance coordinator conferred at Texas Tech Thursday (July 26) on the follow-up of the high school students who are "able under-achievers" in Tech's counseling and guidance training institute this summer.

Dr. Alan Krasnoff, psychologist with the St. Louis V.A. Hospital, has been consulting for the past two weeks with the 30 high school counselors attending the National Defense Education Act institute.

Meeting with him Thursday was G. B. Morris, coordinator of guidance in the Lubbock Public Schools.

During the seven week institute the high school counselors have each been working with a junior or senior high student who is able to achieve, but is not developing his potential.

Dr. Krasnoff has evaluated the reports and materials prepared by the visiting counselors on their students. He also has helped the counselors prepare their results for more effective communication to the under-achievers' individual school counselors.

According to Morris, the Lubbock school counselors and teachers will help the under-achievers remove obstacles or barriers, which are keeping them from reaching their potential in the classroom.

Comprehensive reports on the students' intellectual ability, achievement skills (reading, study habits and interests), and personality will be available to the public school counselors this fall.

"It will be interesting to see what kind of changes the students make after completing the summer counseling program," Morris said.

more

institute--add 1

Krasnoff indicated that a variability of change can be expected. "Changes will not take place over night. Adjustments in educational, vocational, personal and social areas are processes that are continuous and on-going," he said.

Some of the students' problems evaluated in the institute included parental-child conflicts, social adjustment conflicts, and internal conflicts.

Many of the students will receive supplementary training or extensions this fall to help them in their weak areas. These aids include remedial reading programs, study habit training and a wider choice of subjects.

The institute ends at 9 a.m. today (July 27) with the awarding of certificates to the counselors.

###

7.27.62

ATTENTION WOMEN'S PAGE EDITORS

LUBBOCK --The old saying "let the buyer beware" really applies to the modern consumer faced with larger packages which contain less merchandise, according to Dr. Mina Lamb, professor of foods and nutrition at Texas Tech.

Dr. Lamb, speaking during the three-week Food Technology Workshop at Tech, said some manufacturers are using deceptive packaging practices and the buyer should check both the price and the net weight of the packages before deciding which is the best buy.

One way the general public is cheated, she said, is to buy a package purporting to contain one pound but actually containing only 15 ounces net weight.

This type of short-weighting is a direct violation of federal and state laws but is hard to enforce because of the volume of merchandise being sold on a prepackaged basis.

Another way to cheat through deceptive packaging is to use a larger package than necessary and then fill the extra space with cardboard, paper, cotton, or other stuffing material to give the appearance the package is full, she said.

While these practices are not common, a few manufacturers have been warned to quit using this type of deceptive packaging by the federal government, she said.

T. H. Butler, district sales manager for the Sexton Co., Dallas, talked on buying habits and various ways to get the most food merchandise for the amount of money spent.

"It is not always necessary to buy the highest priced product to end up with quality food," Butler said.

(more)

food workshop      Add #1

Buying tips he gave the group include these:

The buyer should check the label before making any purchase of food products to determine the variety of food being bought. Certain varieties of the same food can be put to better use in some dishes than other varieties, he said.

Some of the brand-name foods produced are packaged under the same label even though the quality varied according to the price marked on each can, he pointed out.

Check the number of servings a can is supposed to produce and the price before deciding which canned food to purchase. Some times the smaller cans will cost less per ounce than the larger cans of the same food and other times a definite savings can be made through the purchase of the large or economy size can of processed food.

The three-week course being attended by 16 persons will end Aug. 3.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.27.62

Texas Tech faculty members and graduate students will have a chance to learn FORTRAN programming and the use of Tech's 1620 computer in a short course beginning July 30.

The course is offered primarily for those who want to get a rapid grasp of the use of the computer, located in the Tech Data Processing Center, without enrolling in an extended course in computer operation.

The course will be held in room 101 of the Architecture Building from 1:30 to 3:30 p.m. on Monday, Wednesday and Friday.

###

7.28.62

A leading Australian educator told participants in Texas Tech's mathematics institute Saturday (July 28) that the school system in his country attempts to prepare a high school student to pass a standard final examination.

He is Dr. T.G. Room, head of the mathematics department and dean of the Faculty of Science at the University of Sydney.

The passing of the standard final examination, which he mentioned, is a necessary qualification for entering college.

Dr. Room said that Australia follows the British education system, whereby the schools are run by the state, rather than by individual systems. Teachers are employed by the state and travel over that state teaching classes and promoting education.

Of the 70,000 students who entered high schools in 1957 in New South Wales, only 17,000 took examinations their senior year in 1961, he said.

Most of the other students had dropped out of school by the age of 15, limit for compulsory attendance. The graduates are generally 17 years old.

Dr. Room's state of New South Wales has a population of four million, with around 15,000 students attending the University of Sydney, 8,000 in the University of New South Wales and 1,500 in New England University.

Dr. Room explained the Australian education system in one of his three lectures at Tech. His interest in the New South Wales education program stems partly from his serving on the Board of Secondary School Studies since 1952.

(More)

mathematics institute -- add 1

During this period the whole secondary course has been under review and this year is the first of a new six-year course, replacing the former five-year course.

Lubbock is the seventh stop in the eight-school lecture series sponsored by the American Assn. for the Advancement of Science. When he leaves Albuquerque, his eighth stop, he will attend the International Congress of Mathematicians in Stockholm, Sweden.

A native of England, Dr. Room received the M.A. and Sc.D. from Cambridge University. This is his third trip to America, having taught at the University of Washington in 1948, the University of Tennessee in 1949 and Princeton University in 1958.

He has taught mathematics for 37 years and since 1935 has planned the university mathematics courses in Australia.

###

7.28.62

Lubbock Jaycees  
John Roppolo  
PO 5-8541, Ext. 417  
or SW 9-3844

Please Release Monday (The group will  
be available for pictures at 9 a.m.  
Monday at the airport.)

Miss Patti Ayers, the 1962 Miss Lubbock, will leave the city Monday morning (July 30) for five days of Miss Texas activities in Fort Worth, to be climaxed by the crowning of Miss Texas Saturday.

Miss Ayers, a native of Corpus Christi and a Texas Tech sophomore, will be accompanied by her mother, Mrs. C. E. Ayers, and Richard Rodgers, Lubbock Junior Chamber of Commerce representative.

They will aboard the plane at 9:15 a.m. Monday at Lubbock Municipal Airport. Wood Chemical Co. has donated the private plane to fly Miss Lubbock to the pageant.

Miss Ayers will be among 44 of the state's loveliest and most talented young women vying for the coveted Miss Texas crown, a stepping stone to the Miss America pageant.

The 5 foot 8 statuesque blonde with blue eyes will compete in the swim suit, evening gown and talent activities on three separate evenings. Her talent is dress designing and she will wear an evening gown which she has designed and made, describing it in original prose.

Miss Ayers will take her \$600 wardrobe, including a swim suit and evening gown. The prizes, donated by Lubbock merchants, were her winnings in the June 30th pageant here.

The 18-year-old coed with a 37-23-36 figure will appear on the stage of Fort Worth's Will Rogers Memorial Auditorium Aug. 1-4. On hand for the activities will be Miss Maria Belle Fletcher, the reigning Miss America, and Miss Linda Loftis, Miss Texas of 1961, who recently visited Lubbock.

###



## MAILING SCHEDULE FOR July 30-Aug. 4, 1962

	Name of Story	Local	Dailies	Wire	Weekly	Regional	Special	HT's	Board	Regional Radio	Telops	Explanation
7-30	Molecular research	X	X				10			X		Science List
7-30	archaeologist							10				
7-30	In-Service <del>radio</del> conference	X										
7-30	summer language institute	X										
7-31	renovation of Library	X										
8-1	Milner	X	X			X	18			X		
8-1	Nina Dova feature	S								X		
8-1	theater tour	X						9				Jack Sheridan AJ
8-2	Killgore pix	AJ									X	AJ, TV's, STAR <sup>74 Watt</sup> And AP
8-3	Theater tour	X										except AJ
Totals		Places Stories		AJ only								
							28	19				
							2	2		3	2	

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.30.62

RELEASE TIME: 8:30 A.M. JULY 31 AND THEREAFTER

LUBBOCK --The Air Force Office of Scientific Research has awarded a grant of \$209,000 to Texas Technological College for the establishment of an AFOSR Center for Molecular Research, Dr. R. C. Goodwin, Tech president, announced today (July 31).

Dr. Amos G. Horney, director of chemical sciences for AFOSR, presented the signed grant to Dr. Goodwin in a brief formal ceremony at Tech this morning.

The AFOSR Program for Molecular Research at Tech, which extends for a three year period under the initial grant, was described as part of the Air Force answer to the challenge of space flight problems.

One major effort will be the study of methods by which intense heat breaks down a special class of materials, known as coordination compounds, some of which have been proposed for use in space capsules.

Dr. Joe Dennis, Tech chemistry department head, said this work will make use of specialized and sophisticated scientific techniques, developed in part at Texas Tech, and will be under the direction of Dr. W. W. Wendlandt as principal investigator.

The second major aspect of the Molecular Research Program is concerned with the preparation and properties of certain unusual substances which have multi-ring structures containing sulfur, Dr. Dennis said.

Sulfur compounds are known to play a crucial role in life processes and in the damage to such processes by the high energy radiations encountered in space flight. This phase of the program will be under the supervision of Dr. H. J. Shine as principal investigator.

(more)

Besides Drs. Shine and Wendlandt--both chemistry professors-- the project staff will include one postdoctoral fellow, seven candidates for doctorates in chemistry, and five undergraduate assistants. From the national point of view, the research experience provided to these men is expected to be a valuable by-product of the grant.

In presenting the award, second largest ever made in chemistry by AFOSR, Dr. Horney commented: "A research grant of this substantial amount and sustained period of support is made in accordance with AFOSR philosophy on the management of scientific research.

"Proposals are subjected to a rigorous screening and detailed evaluation process, both by the AFOSR technical staff and by an independent advisory board composed of some of the country's leading chemists.

"The major criteria are the scientific merit, the reputation and productivity of the principal investigators, the relation to overall Air Force interests, and the facilities and other support supplied by the proposing institution. Texas Tech can well take pride in being selected for this major program in molecular research."

Dr. Dennis said "We are indeed pleased that the Air Force Office of Scientific Research has seen fit to support a Center for Molecular Research at Texas Tech.

"It is a recognition of the increasingly important role being played in scientific progress by the proper understanding of the mechanisms by which chemical reactions occur.

"It is a splendid tribute to the contributions of Professors Shine and Wendlandt to the field of molecular structure and mechanisms of reactions.

(more)

### 3--Texas Tech molecular research

"We believe it is an indication of the confidence of AFOSR in Texas Tech. It is our hope that the Center may be expanded by other grants. For the present, the work will be housed in the Chemistry Building. However, we hope that as it progresses, special quarters will be provided.

"We are grateful to Dr. Knox Millsaps, Dr. Horney and Mr. J. F. Trout of AFOSR, to Rep. George Mahon, Pres. Goodwin, Tech Vice-Pres. and Comptroller Marshall L. Pennington, and others who have given so much time and effort to effect this grant."

Dr. S. M. Kennedy, Tech arts and sciences dean, said "The announcement that the AFOSR Center for Molecular Research has been awarded to Texas Technological College is a distinct tribute to those who originated the proposal.

"Such confidence is an indication of the growing stature and reputation of the research program in chemistry and adds urgency to the need to accelerate basic research on every hand."

Both principal investigators in the new molecular-research work at Tech joined the chemistry department in 1954.

Shine has a Ph.D. from the University of London's Bedford College. He came to the United States in 1948 to do research at Iowa State University and later at California Institute of Technology. He joined the Texas Tech faculty after three years as a research chemist with U.S. Rubber Co.

Wendlandt has a Ph.D. from the State University of Iowa. In addition to teaching, he has been a research chemist at Argonne National Laboratory.

###

7.30.62

LUBBOCK --A 53-year-old college professor and a pretty coed came up with the prized possessions in Texas Tech's archaeological expedition which recently returned from Beeville.

Col. John Bayne, Howard County College psychology professor, found an ancient bone tool, while Sherry Perry, Lubbock history major, discovered a stone tool. The tools were found during the last week of digging.

According to Dr. David H. Kelley of the Tech anthropology department, the tools could be at least 6,000 years old, depending upon when the Berclair Terrace was built.

"The ancient instruments probably will be of no help in dating the area, but they did add some excitement to our excavations since they were the only ones found," Kelley said.

In addition to the tools found, 36 carbon specimens were discovered. The results of the specimens will not be known until the bones have been processed by a physicist with a special type of machine.

The Carbon-14 specimens were picked up in the diggings by using sterilized trowels and pincers. The findings were placed in germ-free plastic containers and special care given so that the particles would not be contaminated by human touch.

The specimens require around \$150 each to be processed and must be done by an intricate machine for measuring radioactivity that is more sensitive than a Geiger counter. The closest machine in this area is in Arizona.

(More)

The machine measures the radioactivity of each specimen.

The amount found determines when the carbon sample was part of a living organism.

The six week's "digging" course was primarily a dating trip, seeking carbon samples to determine the ages of fossils and artifacts found in the creek 23 years ago by a University of Texas team. Kelley said sufficient carbon samples were found on Tech's trip to complete the dating process.

On the same site where the Techsans worked, several extinct animals and prehistoric instruments were found in 1938 by the Texas excavators.

During the excavations by the Texas team, the Carbon-14 method of dating was unknown. Dr. Kelley now plans to date some of the Texas findings into context.

Dr. Kelley noted that the key to finding a number of fossils and artifacts is the amount of dirt removed from the terrace. In order to move this dirt, more than six weeks of excavating is necessary. He also admitted that a certain amount of luck is involved in the findings.

The first two weeks of the expedition were spent orienting the "amateur" archaeologists and during the second two weeks the students progressed rather rapidly. Then came the last two weeks when the diggers were in "top condition" and it was time to return, Kelley said. The group returned to Lubbock July 12, just in time for the second summer term.

Pits with straight sides were dug down the side of the Blanco Creek bank, one below the other. The pit was divided into three units, according to the kind of soil.

(More)



From 12-15 species of snails were found, but they have not yet been studied. The Tech archaeologist said they may be useful for ash carbon specimens and some of them could be extinct species.

The group came up with many broken bones, especially turtle shells. They were so small that they could have been washed in from other older deposits, he said.

Nine men and two women were in the field course, the first in several years at Tech. The students were enrolled in the Anthropology 433-434, which carried six college credit hours.

The nine male students and Kelley camped out in tents, while the two coeds lived in a guest house of the Bar-J Ranch. The ranch is owned by Mrs. Clark Hardison and is located on the same site of Blanco Creek, 14 miles east of Beeville.

The college students lived in these conditions on less than \$15 a week. Cooking duties were shared at first by members of the team, but a camp cook was later hired to prepare the 6:30 a.m. breakfasts and the 6:30 p.m. dinners.

There were only two personal cars at the site, along with two cars belonging to the West Texas Museum. One car was driven into Beeville each day to pick up supplies, mainly ice.

The temperatures soared to 100-plus degrees in the shade many days during the excavations, the group reported. At night the excavators discussed their findings and work, read and went to bed at 9:30.

"My students worked very hard, scraping away the dirt," Kelley said. "Many times it is difficult to keep digging when nothing exciting happens, but the work managed to capture their interest during the six weeks."

(More)

Dr. Kelley hopes to take another archaeological trip next summer, maybe to South Texas again or possibly to Mexico.

Members of the "digging" party were Don Knight, anthropology major from Stratford; Pem Rocap, anthropology major from Lubbock; Darryl Billings, anthropology major from Lubbock; Joe Stewart, anthropology major from San Antonio (486 E. Palfrey); and Lewis Davis, incoming freshman from Brownfield.

Others in the course were Larry Jones, anthropology major from Midland (704 Cuthbert); Bob Sawyer and Miss Perry, both history majors from Lubbock; Annette Sims, art major from Houston (9020 Wickford); Charles Cummins, history major from Electra; and Colonel Bayne.

###



Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

7.30.62

LUBBOCK      --Dr. Willa Vaughn Tinsley, dean of home economics at Texas Tech, will be one of the featured consultants at the week-long In-Service Education Conference for Vocational Homemaking Teachers being held in Austin Monday (July 30) through Friday (Aug. 3).

The theme for this year's annual conference is "Homemaking Education in Today's Situation." Miss Edna P. Amidon, director of home economics education branch, office of education, Department of Health, Education, and Welfare, Washington, D. C., will set the stage for the conference in her talk Monday evening with the topic "Home Economics-Vocation Education-What is Required in Today's Situation?"

Dr. Tinsley will follow with a talk Tuesday afternoon, July 31, with the topic, "Are We Emphasizing What We Need To Emphasize in Today's Situation?"

Five important factors affecting the 53 million households in our nation today, according to Dr. Tinsley, are the large scale employment of women in the labor force, earlier marriages, mobility of the population, economic development of the nation, and diverse activities of family members in home, work, education, play, and civic programs.

The annual conference is usually attended by 800-900 vocational homemaking teachers from all parts of the state.

###

7.30.62

LUBBOCK      --Adjustments in dressing and eating habits have been made by 46 graduate students enrolled in Texas Tech's Summer Language Institute in Tucuman, Argentina.

A report on the group's activities was sent by Prof. A. B. Strehli of Tech, the institute director.

"Since the winter season, which is now at its height, is relatively short, and the temperature seldom goes below the freezing point, very few buildings or houses are provided with heating facilities," Strehli reports.

He said that the Tech visitors have become accustomed to putting on several layers of sweaters and frequently wear as much clothing indoors as outdoors.

"Most of the participants have happily abandoned themselves to eating five or six different courses during the evening meal and have decided to forget about calorie counting until they return to the States," Strehli said.

The Tech visitors have received warm welcomes from the residents of the city. Upon their arrival, they were honored by the Society of Former Scholarship recipients composed of residents who have studied in the U. S. The visitors were assigned local patrons who have taken them to plays and concerts, invited them to their homes and taken them on excursions.

A number of organizations have given receptions and dances in honor of the North Americans, the latest attention being an invitation to dine with the Rotary Club of Tucuman.

For their part, the institute participants invited their Tucuman friends to a party at their residence hall on July 4, during which they entertained them with typical American folk songs, square dances and a display of fireworks.

(more)

According to Strehli, the American students have been impressed by the quality of the lectures given them by Argentine professors and professional men, through which they have received a thorough introduction to the national history, geography, economy and political structure.

Speaking of politics, Strehli said, the Tech students have had much to think about concerning the political and economic problems which have plagued the country in recent months.

"They themselves have been little affected, except during a short period when clerks in the postal service, whose salaries were in arrears, expressed their resentment by slowing down handling of mail," the Tech professor said.

The center of activities for the institute is an ultra-modern residence and classroom building belonging to the University of Tucuman. It is beautifully situated on a hillside overlooking the city and some five miles outside its limit.

Half of the participants are living in the residence hall and the other half in private homes, each half having switched at the end of the first half of the course. The morning is devoted to regular classes and special lectures, while the afternoons are devoted to field projects.

The letter from Argentina reports no "homesickness" among the participants, although someone expressed interest in a "hot dog" rather than the traditional "asado," the counterpart of the popular American barbecue.

The eight-week institute which ends in Tucuman Saturday (Aug. 4), is offered by Tech in cooperation with the U. S. Office of Education, and is supported by the National Defense Education Act.

###

7.31.62

Texas Tech will soon begin renovation of its old Library Building to provide more classroom and office space and permanent facilities for its ROTC units, Extension Division and famed Southwest Collection, a center of historical documents.

The old Library Building was vacated this month when the library was moved to a \$2 million structure west of the Union Building.

The renovated building when completed will clear the Tech campus of several more "barrack" structures.

At the renovation bid opening Tuesday (July 31), Turner Construction Co. of Lubbock was the low with \$119,296.

The bid is expected to be awarded Wednesday morning (Aug. 1).

According to Bill Felty, assistant supervising architect, the ground floor of the library will have six new classrooms and 16 offices and a reference reading room for the military science departments and Extension Division.

The first floor will consist of six classrooms and six new offices, in addition to the six existing offices. The Southwest Collection will be housed on that floor and will use all but one of the present library stacks.

The second floor will include four new classrooms and nine offices, in addition to the six existing offices.

"Provisions for future air-conditioning of the 67,703 square foot building will be made," Felty said.

One of the unique features of the remodeling will be the addition of a 2,679 square foot lecture room, which will hold 240 students.

(More)

Library -- add 1

"We are trying to keep the feeling of the old structure in our plans," Felty said.

Cantrell and Burns is the architect for the remodeling, while Davis and Roberts of Lubbock and Amarillo are the consulting engineers.

The West Texas Audio-Visual Cooperative, now located in the old Library Building, will continue to have its facilities there.

###

Texas Technological College  
Department of Public Information  
Adrian Vaughan, Director

8.1.62

LUBBOCK --Jay D. Milner, newspaperman and novelist, will return this fall to Texas Tech where he once attended classes and played football. He will serve as laboratory supervisor in the journalism department.

Milner will supervise the reporting and editing labs five days a week coinciding with Tech's campus newspaper, the Toreador, which will be published five days a week this fall. Previously the paper was issued three times weekly in the long session.

"We consider it a real opportunity to have a young man with Milner's experience, background and familiarity with Tech and this locale," Prof. W.E. Garets, journalism department head, said.

"His excellent background in daily newspapers will be valuable in establishing the tone of our daily Toreador this fall," Garets said.

Milner has established an outstanding journalistic and literary reputation by his work as editorial writer for the New York Herald-Tribune and by the publishing of his first novel, "Incident at Ashton."

A 1942 graduate of Lubbock High School, Milner attended Tech from 1942-43 where he played on the freshman football team and later came back in 1946 after serving in the U.S. Navy.

He received the B.S. degree in English and physical education from Mississippi Southern College and the M.A. in school administration from the same institution.

(More)

Milner -- add 1

Milner taught English and journalism, coached football and track and sponsored the student publications at Laurel (Miss.) High School, his first and only teaching assignment before he launched his newspaper career.

His stint as a newspaperman began with the Hattiesburg, Miss. Daily American and Jackson Clarion-Ledger. He was news editor for the Associated Press in Salt Lake City, Utah, and managing editor of the Greenville (Miss.) Delta Democrat-Times.

After spending two years with the New York Herald-Tribune, he returned to Texas to write "Incident at Ashton," which was released last August by Appleton-Century-Croftes, Inc., New York.

He just completed his second novel, "Yonder Mountain," to be published in the fall.

Milner has written numerous articles, some of which have appeared in the Herald-Tribune Sunday Forum, Look Magazine, Commentary, Frontier Magazine and Newsday Sunday Supplement.

He is a member of Sigma Delta Chi, professional journalism fraternity; National Conference of Editorial Writers, Associated Press Managing Editors Assn. and the Fort Worth and New York City Press Clubs. He was active in the Little Theaters in Jackson and Greenville, Miss.

The Lubbock native is the son of Mrs. O.C. Payne of 7140 Richland Road, Fort Worth. He is married to the former Peggy Anne Neely. They have one child--Carter, who is one-year-old.

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8.1.62

Nina Dova, internationally known folk singer and guitarist, will present a concert Thursday night (Aug. 2) at Texas Tech.

The concert, open to the public free of charge, is at 7:15 p.m. in the downstairs ballroom of the Tech Union Building. This is the second and final special summer attraction on the Tech Union calendar.

The widely traveled English native became interested in the guitar while in South America and learned their regional songs. Continuing to travel around the world, she collected songs from their native sources and developed a repertoire of songs in six languages.

Known for her beauty and gowns, Miss Dova is an actress, dancer and singer on television, radio and the concert stage.

At her 1959 London debut, the London Times described her as "extremely attractive and vivacious...her guitar playing was lively and imaginative."

The London Telegraph said: "...Polished and very effective. A 'Topsy Song' by Offenbach had us laughing and the gruesome tale of the English folksong, 'The Cruel Youth,' held us spellbound."

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8.3.62

LUBBOCK      --Texas Tech's American Theater Tour will include 22 Texans on its three week trip, which will tour leading theaters Aug. 4-23.

Mrs. June Bearden, director of Tech's Theater this past year, will conduct the tour, lecturing enroute on the 17 plays and some 20 theaters and costume houses which the group will see.

Tech's speech department is sponsor of the sixth annual theater tour. The group will travel 5,000 miles, spending one week in New York City.

Tours of several theaters and costume companies have been planned. They include the Dallas Theater Center, the University of Arkansas Theater and Fine Arts Center, the Tenthouse Theater in Highland Park, Ill., Northland Playhouse in Southfield, Mich., the Stratford, Conn., Shakespearean Theater, the Royale Theater, Eaves Costume Co. and Metropolitan Museum of Art in New York City, the Williamsburg, Va., Theater, and the Front Street Theater in Memphis.

The theater-goers have tickets to see "Mirror," "Oklahoma," "Raisin in the Sun," "Fiorello," "Macbeth," "Mary, Mary," "Oh Dad, Poor Dad," "Henry IV, Part 1," "The Night of Iguana," "The Blackes," "A Funny Thing Happened on the Way to the Forum," "King Lear," "A Man for All Seasons," "Plays for Bleecker Street," "The Common Glory," "The Book of Job," and "The Student Prince."

The party will travel by air-conditioned bus, staying in a different city each night. Some of the interesting lodging facilities include the Williamsburg Lodge in Virginia, the Clear Creek Baptist School in Pineville, Ky. and the Arlington Hotel in Hot Springs, Ark.

(more)

theater tour      Add #1

A day of relaxation has been scheduled for Aug. 22, the last day of the tour, in Hot Springs. The group will return to Lubbock Aug. 23.

Lubbockites on the tour include      Johnnie Gafford, Sue Gerrard, Horace Griffin, Nancy Henry, H. Dan Johnston, Mrs. Jane Spencer, Myra Taylor, Helen Walker, Dr. Elsie Bodeman and James Bearden, husband of the tour director.

Others are Claudia Chesshir, Brownfield; Florrie Conway, Plainview; Stanley Crow, Fort Worth (6456 Locke); Barbara Duggan, Wichita Falls (4500 University); Mary McAdoo, Seminole; Harlan Redell, Idalou; Kenneth Sewell, Dallas (4405 Colgate); Mrs. M. C. Routh, Amarillo (2034 Hayden).

Completing the list of theater-goers are Mrs. E. J. Angell, Fort Worth (3009 Waits); Mr. and Mrs. William J. Bowen, Austin (4103 Jefferson); Mrs. William Glade, Wichita Falls (602 Sunset Dr.); and Mabel Major, Fort Worth (2814 W. Lowden).

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