

W. H. Butterfield--add 1

Before coming to Texas Tech five years ago, Butterfield had served as chairman of the department of business communication at the University of Oklahoma, and as executive director of the University of Illinois Foundation.

He is a member of Phi Beta Kappa, honorary scholarship fraternity. Phi Gamma Delta, social fraternity; and Sigma Delta Chi, professional journalistic fraternity; and a life member of Phi Beta Kappa Associates , a group of some 300 men and women selected from the membership of the society.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

ATTENTION BUSINESS EDITORS
SUITABLE FOR TIME COPY

LUBBOCK--"Common Sense in Letter Writing," covering the seven basic steps to good business letters, is the title of a new book by W. H. Butterfield, vice president for development at Texas Tech.

Published by Prentice-Hall, the book has been selected by the Kiplinger Book Club for distribution to its members.

Written for business men and women who dictate letters every day, the 238-page volume analyzes and illustrates the qualities of good business writing, including correctness, clearness, conciseness, and courtesy. It shows how to inject the human touch into correspondence in a way that gives business letters a friendly, informal tone.

A special reference section covers correct punctuation and capitalization, words often confused, common errors in English usage, proper use of business and personal titles, and correct forms of letter layout and envelope address.

The new volume is the seventeenth book by Butterfield on the subject of business letter writing. He is also the author of more than 100 magazine articles on business correspondence and public relations by mail.

One of his earlier books, "How to Use Letters in College Public Relations," was reprinted recently by the American College Public Relations Association for distribution to its membership.

Butterfield is a graduate of the University of Nebraska. He received his M.A. degree from the University of Oklahoma, and completed graduate work also at the University of Pennsylvania, Columbia, and Harvard.

He is a past president of the American Business Writing Association, and author of the section on "Letter Writing" in World Book Encyclopedia. He has conducted letter writing clinics for business and professional groups in more than 100 cities throughout the United States.

(more)

Dr. Willa Vaughn Tinsley, Home Economics dean at Texas Tech, is attending the annual meeting of the Texas Association of Young Homemakers in Austin, this weekend (Jan. 3-4).

This group is newly organized in Texas and is the counterpart of the Young Farmers Organization. To be eligible for membership, a woman does not have to be the wife of a young farmer, but must be under 36 years of age, not enrolled in school, and interested in homemaking.

Chapters may organize and affiliate with the State association with a minimum of five members, Dean Tinsley said. According to her, purposes of the Young Homemakers Association are:

1. To develop skills, to gain information on new and improved methods of homemaking, and to keep informed on matters affecting people engaged in homemaking.
2. To develop a deeper understanding of the home and its influence in the community.
3. To plan and carry out activities designed to improve our homes and our community.
4. To provide wholesome social and recreational activities.
5. To become better acquainted with the products and information of current consumer trends.
6. To plan and carry out a program for recognizing and honoring local members and others for outstanding achievements.
7. To support the FHA and other groups working for improvement of homemaking.
8. To maintain spiritual values in the home.
9. To encourage democracy in home and community life.

Dr. Blaisdell--add 3

Even though Cluseret was busy writing while in Geneva, it seems he never got too busy to indulge in a little free, if somewhat questionable, enterprise.

In Geneva Cluseret met a rich American--and it seems that even in the 1800's rich Americans were the favorite targets of the "con game." Cluseret painted a copy of a picture that hung in the Louvre, represented it as an original to the unsuspecting tourist, and sold the phony reproduction for a fortune.

Later, the irrepressible Cluseret returned to France, and in 1889 was elected to the French legislature. He was a French deputy until his death in 1900.

Dr. Blaisdell, who specializes in history of revolutions, originally researched Cluseret with the goal of writing an article or perhaps a series. Now, however, he feels he has too much information for an article, and too little as yet for a book.

The Tech history professor currently plans to continue to study Cluseret in the hope of uncovering some more facts and lesser known incidents.

Dr. Blaisdell is convinced that, if it materializes, a book on the life of Cluseret would prove, even to the skeptics, that truth and history are indeed stranger--and more interesting--than fiction!

Dr. Blaisdell--add 2

There seems little doubt that Cluseret was a clever and beguiling "champion," as evidence by the masses' belief in his authenticity; and by his ability to get out of trouble as quickly as he seemed to get into it.

For instance, in the United States when his activities were questioned, he would ask for a break, because he was a "friendly foreigner in a strange land;" when he was in France, he would get out of trouble by claiming U.S. citizenship!

Cluseret participated in various revolutions of the 19th Century, including the United States Civil War, in which he became a general for the North.

Cluseret even got involved in U.S. politics in the election of 1864. John C. Fremont, the first Republican candidate for President, had run in 1856, and was trying to make a comeback during the Civil War. Fremont ran as an independent Republican against Lincoln, and Cluseret edited the newspaper run by Fremont forces.

In addition to the Civil War in this country and the Risorgimento in Italy, Cluseret participated in a war in Germany and finally, in the "Commune of Paris" in 1871.

In the Paris uprising, Cluseret was the military commander of the radicals, during the same time that Karl Marx was becoming known in London.

Another communist connection is indicated from Cluseret's exile in Geneva, Switzerland, from 1872 to 1878. During this time he wrote his memoirs, including his own "recipe for street fighting." Years later when Lenin lived in Geneva during the 1900's, one of his first acts was to translate Cluseret's memoirs into Russian, anticipating the Russian Revolution.

(more)

Dr. Blaisdell--add 1

"The same was true in Italy for parts of the information," he added. "especially certain aspects of Cluseret's role in the Risorgimento, when Italy became a united country after the invasion of Sicily and Southern Italy by Garibaldi."

Cluseret did participate in that war, but Italian officials were still reluctant to make available all of the information, though it happened more than 100 years ago.

Cluseret lived during a time when there were many revolutions, and many revolutionists, some of whom were involved out of conviction and others for "what they could get out of it."

Born in France, Cluseret became a naturalized citizen of the United States, fought in Italy, took residence in Switzerland for a time, and finally, became a Frenchman again.

His career began on a normal note, as an officer in the French Regular Army. He had even helped put down a "revolt of the masses" during a French Revolution in 1848.

Dr. Blaisdell believes Cluseret would probably have remained a respectable officer, devoting his time to putting down revolts instead of leading them, had it not been for a "blanket swindle" in 1858.

The blankets of many of the enlisted men had been disappearing. Cluseret was evidently selling them at quite a profit, and in addition, managed to blame an army sergeant for the thefts. The sergeant was cleared and the real culprit discovered, but Cluseret managed to get the story "covered up", so to speak, and got by with only a court martial.

It was at precisely this time that Cluseret suddenly decided to devote his life to "championing the causes of the downtrodden masses!"

(more)

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

TIME COPY

LUBBOCK--A fascinating personality of the 19th Century, who may have been the original Communist roving revolutionary, is being investigated by a Texas Tech history professor.

Object of the research is one Gustave P. Cluseret, 1823-1900, and the inquiring Tech professor is Dr. Lowell Blaisdell, who spent this past summer in several European countries digging up additional information on the "culprit."

The wandering Mr. Cluseret was something of an enigma, both for historians and for his contemporaries. It has never been proved conclusively whether he was a "champion of the downtrodden", or a complete scoundrel. But a look at the record makes it pretty evident that Cluseret was at least a "professional revolutionist", as well as a professional "patriot"--of several different countries!

After spending the summer researching Cluseret's life, Dr. Blaisdell is more and more of the opinion that the adventurer was decidedly "on the scoundrel side."

Dr. Blaisdell studied information in London, England, at the British Museum and newspaper collections of the British Museum. He got more information at the Bibliotheque Nationale in Paris, France, and additional insights at the archives in Geneva and Berne, Switzerland, and Turino, Italy.

"I got a lot of information, but a lot of frustration, too," Dr. Blaisdell laughs. "For instance, in Switzerland I couldn't get access to some of the files on all of Cluseret's questionable activities in that country."

(more)

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--Texas Tech's Agriculture Dean Gerald W. Thomas has been granted a leave of absence, Feb. 10 through Aug. 31, to review agricultural research and education programs in several states and in Washington, D.C.

During his leave, Dr. Thomas will be a consultant to the Cooperative State Experiment Station Service of the U.S. Department of Agriculture. As such he will participate in intensive reviews of research, primarily concerning range, forage and livestock.

Dr. Thomas said that during the leave he will study

(1) the relationship of research and resident instruction in the states visited,

(2) the administration of agricultural research and education programs, and

(3) opportunities for new research or improvement of program procedures applicable to Tech's School of Agriculture.

Commenting on the leave, Dr. W.M. Pearce, academic vice-president, said "This is a fine opportunity for a Texas Tech administrator to observe agricultural research being carried on in selected areas in the United States.

"Dean Thomas will have opportunity to bring back to the College information on recent developments in such research.

"His appointment to this temporary assignment reflects credit on the College."

Dr. J. Wayland Bennett, associate dean of agriculture, will be in charge of the School in Dr. Thomas' absence. Dr. George O. Elle, horticulture professor, will serve as assistant dean during the same period.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK---Five Texas Tech freshmen engineering students have been awarded D.D. Harrington Scholarships for 1963-64.

The five are Charles R. Woodard, 2616 Belhaven, Mesquite; James E. Bennett, 508 N. Soda, Jefferson; James D. Lindsey, 500 E. Kentucky, Floydada; Robert E. Passmore, 303 N. Maryland, Amarillo; and David G. Horn, 2400 W. Storey, Midland.

The scholarship grants totaling \$1550 are presented annually to outstanding freshmen engineering students at Texas Tech by D.D. Harrington, of Amarillo. The awards are made on the basis of scholastic record and character.

Passmore and Horn are studying electrical engineering; Woodard, civil engineering; Bennett, chemical engineering; and Lindsey, mechanical engineering.

In addition to the Harrington grant, Horn holds the Midland Downtown Lions Club Scholarship; Passmore, the Eldon Durett Memorial Scholarship; and Lindsey, the Floydada Rotary Club Scholarship.

CAPTION

HARRINGTON SCHOLARSHIP WINNERS---The five Texas Tech freshmen engineering students above will receive the D.D. Harrington Scholarships for 1963. The five are (left to right) Charles R. Woodard, Mesquite; James E. Bennett, Jefferson; James D. Lindsey, Floydada; Robert E. Passmore, Amarillo; and David G. Horn, Midland. The five recipients were selected on the basis of scholastic record, and character. (TEXAS TECH PHOTO)

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Lt. Gov. Preston Smith addressed a joint meeting of Texas Tech government classes Monday (Jan. 6) in the Social Science Bldg. on campus.

Lt. Gov. Smith spoke to the group on the duties and powers of the lieutenant governor in Texas, and urged the students to participate in politics as citizens.

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Dr. Samuel Hunt Lee, professor of chemistry at Texas Tech, will leave Jan. 26 for N.Y., where he will participate at a meeting of the division of chemical education of the American Chemical Society and the National Science Foundation.

He will visit the chemistry department of the Rochester Institute of Technology by invitation in order to advise on matters of curriculum degree programs research and other matters.

Dr. Lee will return to Tech Jan. 29.

-30-

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Members of the School of Agriculture will be participating in various meetings at Texas Tech and nearby areas within the next month.

Cecil Ayers, professor of agronomy, and Dr. Arthur W. Young, professor and head of agronomy and range management, will attend the annual meeting of the Texas Certified Feed Producers Inc. Jan. 9 and 10.

E. R. Sifert, visiting professor of education, and E. W. Huddleston, assistant professor of entomology, are co-chairmen for a meeting of the Agricultural Chemical Conference. The meeting will be held Feb. 13-14 at the Texas Tech Student Union Building.

E. J. Urbanovsky, head of the department of park administration, horticulture and entomology, and W. M. Gosdin, assistant professor of horticulture and park management, will attend the Southwest Park and Recreation Training Institute at Lake Texoma, Feb. 2-5.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Twenty-seven Texas Tech coeds have been selected as finalists in the annual La Ventana-Sigma Delta Chi beauty extravaganza, to be held at 8 p.m. Saturday (Jan. 11) in the Tech Union ballroom.

The girls were selected from approximately 160 students who were entered in the Miss Mademoiselle contest, sponsored by La Ventana, Tech yearbook.

The finalists will compete Saturday night at the pageant for the title of Miss Mademoiselle. The winner of the contest will be featured on the color cover of the Mademoiselle section of the 1964 La Ventana, Tech yearbook, and on a full page inside the section.

Winner of the Miss Playmate contest, sponsored by Sigma Delta Chi journalism fraternity, will also be announced Saturday night. Deadline for entries in the Playmate contest, judged on the basis of photographs of the contestants is 5 p.m. Wednesday. Miss Playmate will be featured in the color fold-out in the center of the Playboy section of the yearbook.

Tickets for the pageant, which will also feature entertainment by student talent, will be on sale in the Tech Union through Friday (Jan. 10). Admission is \$1 a person for the public, and \$1.50 a couple for Tech students.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Thomas Mastroianni of the Texas Tech music department will present a piano recital at 8:15 p.m. Friday (Jan. 10) in Room 1 of the Music Bldg.

The program will include the allegro con brio, largo e sostenuto and finale of Haydn's "Sonata in D Major;" and the andante moderato, andante non troppo e con molta espressione and andante con moto of Brahms' "Three Intermezzi," "opus 117.

He will then play Prokofieff's "Sonata #7," allegro inquieto, andante caloroso and precipitato.

Following the intermission, he will perform Schumann's "Carnival," opus 9.

The Tech pianist has been invited to present this same program at Concordia College, Moorhead, Minn., Jan. 13. Mastroianni will also perform with the Tech orchestra during their tour of Mexico in March.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--- Alpha Psi Omega, national honorary dramatics fraternity at Texas Tech, has initiated three new members.

Those accepted include Juanice Newbill Myers of Brownfield, Bob Welms of Lubbock and Fred March of Floydada.

Ronald Schulz, associate professor of speech, is faculty sponsor for the group.

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Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--- Cast members for the next Texas Tech speech department production "The Firebug" have been announced by Clifford B. Ashby, director.

Selected were Barry Corbin of Lubbock as Gottlieb Biedermann; Paula Creitz of Adrian as Babette Biedermann; Kay Clapp of Lubbock as Anna, a maid; Raymond Bailey of Orange as Sepp Schmitz; and Mike William Leonard, 3402 Knox, Dallas, as a policeman.

Also chosen were Gerald Hanners of Spearman as a Ph. D.; and Judy Eaton of Sweetwater as Mrs. Knechtling.

Leader of the Fireman's chorus is G. W. Bailey of Port Arthur and members of the chorus include George Griffin, Lubbock; Charles Van Deventer, Grapevine; Glenn Polk, Post; and Ken Hendrix, 1914 Lennon Ave., San Antonio.

Stephanie Koerbacher, 2003 Ebbtide, Dallas, is the assistant director and Miss Eaton will be stage manager.

"The Firebug," by Max Frisch is a three-act satiric comedy by one of Europe's most important contemporary playwrights.

Curtain time is 8:15 p.m. Jan. 30 and 31 and Feb. 1, 3, 5 and 6 in the Speech Building Auditorium.

The box office is open 8 a.m. to 5 p.m. beginning Jan. 23. Price is \$1 or a student identification card. Telephone reservations may be made at PO2-8811, ex. 2152.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

One of the most outspoken editors in the South, Martin S. Ochs of the Chattanooga (Tenn.) Times will speak at Texas Tech Wednesday (Jan. 8).

The talk will be at 7 p.m. in the Coronado Room of the Tech Union.

Ochs, a veteran newspaperman from the distinguished family that owns the New York Times, will speak on the "The South in Today's World," delving into Southern political, social and economic behavior.

A native Southerner, who has travelled widely abroad, Ochs will discuss whether or not desegregation in the United States has any real effect on our international relations.

Ochs was born in Chattanooga in 1923. After graduating from Princeton he entered the Army in World War II. He originally joined the Chattanooga Times for a brief stint as a sports writer in 1947.

After that Ochs travelled abroad as a correspondent for the New York Times and was chief of the Times Bureau in Berlin during 1951-1952. He travelled extensively in Latin America in 1956 and 1959.

Ochs believes that the South will slowly accept the Supreme Court's decision on integration because it will not pay the price of its public schools. In his lecture he deals with such factors as industrialization; migration as an increasingly national--as opposed to a Southern--problem; and the plight of the Southern moderate--his courage and cowardice.

In an article on Ochs, Time Magazine said of his newspaper, "To many Southern intellectuals the finest paper in the region is built not around a man, but on a moderate, conscientious approach to racial integration and the self-declared aim 'to give the news impartially, without fear or favor'."

Och's appearance at Tech is sponsored by the ideas and issues committee of the Tech Union. The address is admission free and open to the public, according to Steve Magee of Lubbock, chairman of the committee.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--- Miss Marilyn Tinney of Lubbock, a Texas Tech student majoring in Latin American Area studies, is winner of the New York University "Junior Year in Brazil" scholarship.

In winning the award, Miss Tinney became the second Tech student in a row to be selected in competition with college students throughout the country.

Although Miss Tinney is a senior, the selection committee of "Junior Year in Brazil" made an exception in awarding her the grant.

She will receive travel expenses to and from Brazil, in addition to a tour of Brazil on a month's seminar in the field and a monthly stipend while studying at the University of Sao Paulo. She will leave in mid-January for orientation in New York.

Latin American Area studies at Tech is an inter-departmental program designed to give a broad cultural background and to educate students about the Latin American areas with the objective of either graduate work or careers in business, government, teaching, engineering or any field which would take the individual to the Latin American areas.

The program is directed by heads of the foreign languages, history and government departments. Graduates in Latin American Areas receive the regular B. A. degree, with an inter-school major in many cases.

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Junior Year in Brazil--add 1

Miss Tinney, daughter of Mr. and Mrs. William H. Tinney, is a member of Mortar Board, senior women's honor and service organization; Chi Omega social sorority; President's Hostesses; and Sigma Delta Pi, Spanish honorary. She was also nominated by a selection committee of the Institute of International Education for a Mexican government award for study in the National University of Mexico under the Fullbright program.

Junior Year in Brazil, sponsored by NYU and the University of Sao Paulo, is a full-year program which enables American students to study Brazilian civilization at its source and at the same time acquire training in the Portuguese language.

Requirements for applicants include a major in the arts and sciences, a superior academic record and demonstrated competence in Portuguese or Spanish.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--A pair of Texas Tech entomologists have decided that the best way to solve a \$6,000,000 Texas problem is to go to Argentina for a month.

Dr. Ellis Huddleston, assistant professor of entomology, and Charles Werd, a graduate Fellow in entomology from Seagraves, have literally packed up bag, baggage and equipment and gone to Argentina to conduct research on midge, the \$6,000,000 "fly-in-the-ointment" of Texas grain sorghum producers.

By spending one month at the DeKalb and Stauffer Research Farms in the Buenos Aires-Pergamine regions of Argentina, Dr. Huddleston and Werd will gather two years of information about midge in one year.

Although Texas is experiencing winter, it is summer in Argentina, the prime hatching period for midge according to Dr. Huddleston.

"The Pergamino area is agriculturally very similar to the South Plains," Dr. Huddleston said. "We will test approximately 12 insecticides that were effective against midge in studies on the Plains. These results will allow us to make a better determination of which insecticides will allow farmers to wage a more effective battle against midge."

The Tech twosome was busy during the weeks prior to leaving Lubbock caring for the myriad of large and small details which must be attended to before they boarded their plane for Argentina.

The same equipment which was used in the 1963 Lubbock tests was crated and shipped. The plots of land to be used in the Argentine tests are identical to those used in the earlier Lubbock studies.

"We are striving to have as many identical factors as possible so that we can make a better evaluation of our data from both tests," Dr. Huddleston added.

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Huddleston Argentine Study--add 1

The genial Tech entomology professor said that his studies would also deal with the response of plants to various insecticides.

"We have found that some plant varieties burn following the application of certain chemicals," Dr. Huddleston said.

Dr. Huddleston and Ward will use what spare time they have during the jaunt to conduct research on ecological changes in modified playa lakes which result in encephalitis control and in consulting with Argentine entomologists who are working on midge resistance in plants. "In Argentina,

"In Argentina, they are attacking this problem by seeking plants which will resist midge without insecticides," Dr. Huddleston said.

"Our work has been in controlling midge with chemicals."

Tech agriculture dean Gerald W. Thomas expressed his approval of both projects and said, "I feel that this is a great step forward in entomology research in that studies in countries with two different growing seasons allows us to obtain two years of information in one year."

Ward, a bespectacled West Texan with an easy, infectious smile and a wealth of knowledge about encephalitis-carrying mosquitoes, will be working directly with Dr. Eduardo del Ponte, a professor at the National Microbiological Institute of Argentina, on the playa lakes projects.

In his studies, Ward will take water samples from playa lakes and examine them for mosquito larvae. The encephalitis control studies currently being conducted by Ward are the first of their kind on the South Plains, according to Dr. Huddleston.

"The Argentine playa lakes are very similar to those in the Lubbock area," Ward said. "These lakes serve as a prime breeding ground for encephalitis-carrying mosquitoes."

(more)

Huddleston Argentine Study--add 2

Both tests will run approximately three weeks. Dr. Huddleston and Ward plan to stop briefly in Mexico City on their way to Argentina to consult with Dr. Marcus Ramirez Genel, director of the National Agricultural Post Graduate College of Mexico and former classmate of Dr. Huddleston's at Cornell University.

Before returning to Lubbock Feb. 15, Dr. Huddleston and Ward will stop in Puerto Rico and conduct a short series of additional tests.

Dr. Huddleston, a native of Snyder who received his B.S. and M.S. degrees from Texas Tech and a Ph.D. from Cornell University, has been involved in midge studies for three years.

Ward received a B.S. degree from Tech in agricultural education in 1962. He is currently working toward his M.S. in entomology. In June, 1962, he received the National Institute of Health Fellowship, the largest research grant allotted to Tech for entomology research. After receiving his M.S. degree, Ward plans to work toward his doctorate in entomology.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--The Texas Tech choir has accepted an invitation to appear at the 1964 World's Fair in New York City, N.Y. in May.

Directed by Gene Kenney of the Tech music department, the choir is scheduled to present two concerts May 31. During an afternoon concert they will sing secular music and during the evening performance they will present sacred songs.

Tentative plans for the trip include a possible television appearance or concert in Philadelphia, Pa., May 27, according to Kenney.

Various concerts on the return trip June 2 may also be included. The choir will travel by chartered plane.

The Tech choir will be one of several choirs appearing at the Fair's Cultural Building. A series of concerts by various groups will be presented during the fair.

To raise money for the trip Kenney has announced that the choir will stage three or four concerts for ex-student meetings in Houston, Dallas, Amarillo and Midland during the spring semester.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Hoyle Nix and his Western band will be featured at the Texas Tech Rodeo Association Western dance in Lubbock Municipal Coliseum from 8 to 11 p.m. Friday (Jan. 10).

Tickets for the dance, which is sponsored jointly by the Rodeo Association and the Tech Union, will be on sale in the Union lobby through Friday (Jan. 10), or may be purchased at the door.

Tickets are \$1.25 a person, plus one student identification card per couple. Identification cards from South Plains Junior College in Levelland, Lubbock Christian College and Tech will be accepted.

Western dress will be acceptable for the dance, according to Mary Wilson, reporter for the Association.

The South Plains Baylor Club will hold its annual mid-winter meeting Thursday (Jan. 9) following the basketball game between Baylor and Texas Tech, Club President Charles Waters of Lubbock announced.

The meeting will be in the home of Mr. and Mrs. Norris Clark, 4608 21st, with all Baylor alumni and friends invited.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Peace Corps placement tests will be given at 8:30 a.m. Saturday (Jan. 11) in the Lubbock Post Office.

Volunteers for the Peace Corps must be American citizens, at least 18 years old, with the equivalent of a high school education. Married couples are eligible if both qualify and have no dependents under 18.

The Peace Corps was organized to help developing nations by providing a pool of skills in teaching, farming, carpentry, nursing, engineering and other strategic areas.

Interested persons may contact Dr. Sterling H. Fuller, professor of government at Texas Tech, Room 234 of the Social Science Bldg., for additional information.

The Peace Corps has announced upcoming plans for the largest spring training program in the agency's history. Currently, 7,164 volunteers are at work in 46 countries. In 1964 the number will be increased to nearly 12,000.

Volunteers scheduled for assignments in 18 nations will enter training at U.S. colleges and universities in February and March. An estimated 1,500 prospective volunteers will participate in the training programs, to fill urgent requests from countries in Africa, Asia and Latin America.

Many of the spring group will be mid-year graduates of U.S. colleges and universities who will fill teaching assignments, most of which require college degrees. However, approximately one-third of the spring trainees will not be required to have degrees.

Teachers will be needed at all levels, in addition to volunteers in agricultural extension, community development, construction, engineering and geology programs.

(more)

Peace Corps--add 1

Peace Corps volunteers serve for two years, including training. They receive a modest living allowance designed to let them live at a level equal to that of the people with whom they work, plus a \$75 monthly readjustment allowance, paid at the end of their service.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Ten Texas Tech speech students leave today (Jan. 10) for Amarillo, where they will attend the annual Golden Spread Forensics Tournament.

Schools from several states, including Arizona, New Mexico, Colorado, Kansas, Oklahoma and Texas, will attend the tournament, sponsored by the Amarillo Chamber of Commerce.

James Robbins, Tech speech instructor and debate coach, will accompany the group. Robbins is on the executive committee of the tournament and is in charge of the junior women's debate section.

Limited to 100 debate teams, the tournament will feature competition in men's and women's debate, extemporaneous speaking, oratory and poetry interpretation.

Representing Tech will be Joe Jackson of 13318 Appletree, Houston and Bill Golightly of Lubbock, junior men's debate; Tommy Hamm of 1854 Jackson, Abilene and Nelda Ray of Slaton, junior women's debate; and Elaine Walter of 4090 Monticello, Abilene, extemporaneous speaking.

Others are Tom Ramey of Fort Irwin, Cal., oratory; Miss Hamm, oratory; Don Vardiman of Lubbock, Karen Day of 3313 Mariana, Midland, Keith Strain of Lubbock and Darlene Hunter of Lubbock, poetry.

The group will return to Lubbock Saturday (Jan. 11).

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Lubbock and area high school choir students will be on the Texas Tech campus Saturday (Jan. 11) for rehearsals and try-outs for the All-Region Choir.

Gene Kenney, director of the Tech choir, has announced that Region I choirs from Plainview, Slaton, Post, Brownfield, Levelland, Littlefield, Lubbock and Monterey high schools, will be represented by 64 students.

The group will present a concert at 6:30 p.m. in the Music Bldg. at Tech. The concert will be admission free and open to the public.

At 7:30 p.m. 15 singers will be selected from the group as representatives to the All-State Choir in Houston Feb. 6.

The competition is sponsored by the Texas Music Educators Association.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--- An "Evening in Paris" will come to Texas Tech at 8 p.m. Saturday (Jan. 11), as the theme of the annual La Ventana-Sigma Delta Chi beauty extravaganza, presented in the ballroom of the Tech Union.

Eleven finalists for the title of "Miss Playmate" will be presented, along with 27 coeds vying for the title of "Miss Mademoiselle."

"Miss Playmate" contestants are judged before the pageant on the basis of photographs only, with the winner announced Saturday night.

During the pageant the "Miss Mademoiselle" contestants are presented in bathing suit and formals, with ten finalists announced, then the final winner.

Winner of "Miss Mademoiselle" will be featured on the color cover of the Mademoiselle section of the 1964 La Ventana, Tech yearbook. The winner of the Miss Playmate contest, sponsored by Sigma Delta Chi journalism fraternity, is featured in the color fold-out in the center of the Playboy section of the yearbook.

The 10 Mademoiselle finalists and the Playmate winner will be awarded a ski trip between semesters at Tech to Sierra Blanca Ski Resort near Ruidoso, N. M.

Tickets for the pageant, which will also feature entertainment by student talent, will be on sale in the Tech Union through today (Jan. 10) and at the door. Admission is \$1 a person for the public and \$1.50 a couple for Tech students.

"Miss Playmate" finalists and their sponsoring organizations are Carole Brashear, Petersburg junior, Double-T Association; Dixie Thomas, Abilene freshman, Thompson Hall; Karen Jobe, Texas City junior, Arnold Air Society; Vicky Dickenson, Colorado Springs, Colo., freshman, Pi Kappa Alpha fraternity.

(more)

Beauty extravaganza--add 1

Sondra Stargell, Memphis sophomore, Scabbard and Blade society;
Becky Parker, Sabinal junior, Kappa Alpha Mu; Jane Nelson, Alamogordo ,
N. M.; freshman, Kappa Kappa Psi; Carol Voelkel, Brenham sophomore,
Kappa Alpha Mu; Jane Bozeman, Pecos junior, Alpha Delta Sigma; Kay
Perkins, Petersburg freshmen, Tyrion Rifles; and Donna Leland,
Dallas freshman, Tyrion Rifles.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Philip Deane, director of the United Nations Information Center, will be keynote speaker of Texas Tech's second annual Model United Nations March 13-14.

A Greek national, Deane was a correspondent covering Washington for the London Observer before his UN appointment in 1961.

Deane served in the British Royal Navy during World War II, after fleeing his native Greece when Hitler invaded in 1941. When the war ended, he returned to England as director of information in the Greek Ministry of Coordination in London.

In 1948 he joined the staff of the London Observer, serving as their Korean War correspondent. He was captured by the Chinese Communists and held prisoner for 33 months, during which time he wrote a book, "Captive in Korea."

After his release from prison, Deane served the Observer in French North Africa, India and South Asia as a foreign correspondent, before his assignment to Washington, D. C. While in India, Deane and his wife collaborated on another book, "Childish Brides."

Deane will address the first meeting of the General Assembly of the Model UN.

Tech students and organizations have already begun work on this year's Model UN, assigning delegations and making preparations, according to Alan Henry, senior from Lubbock, Secretary-General for the Tech event. Individuals or organizations may apply for delegations, he added.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--The 1964 Texas Tech Summer Biology Institute for High School Teachers will be held on the Tech campus from June 5 until Aug. 6, according to Dr. Earl D. Camp, professor and head of the biology department.

The Institute is conducted annually by Tech under an \$86,400 grant from the National Science Foundation. Participants will be selected solely on the basis of their ability to benefit from the program and their capacity to develop as teachers of science, Dr. Camp said.

Two extensive week-long field trips highlight this year's session. The first is to the timberline near Taos, N.M. The second is a visit to the cloud forests near Xilitla, Mex., north of Mexico City. In addition to these, local trips are planned to unspoiled scenic canyons near Lubbock, to Palo Duro Canyon, to the shinnery oak country of New Mexico and to the Muleshoe Wildlife Refuge.

As head of the institute, Dr. Camp will screen all applicants. Approximately 60 participants will be chosen from those applying. Half of them will be former Institute participants while the other half will be new applicants.

"We fully expect applications for this year's Institute to exceed the 500 we had last year," Dr. Camp disclosed.

Participants who are accepted may earn nine semester hours of credit, either graduate or undergraduate. The type of credit earned will be determined by the participant's academic background.

Staff members of the Texas Tech biology department, together with visiting lecturers, will give lectures and demonstrations during the Institute.

(more)

Tech staff members participating in the 1964 Institute, in addition to Dr. Camp, include Dr. Russell W. Strandtmann, Dr. Robert L. Packard, Dr. Mildred E. Lowe, Dr. Arthur M. Elliot, Dr. Paul V. Prior, and Chester M. Rowell.

Housing will be provided in Tech dormitories for unmarried participants and married participants who do not bring their families. Participants who bring their families may rent apartments in Lubbock.

There is no tuition for applicants. The National Science Foundation provides a stipend of \$75 per week; plus \$15 for each dependent, not exceeding four; plus travel allowance, round trip at four cents per mile not to exceed \$80 for each of the 60 participants who are selected for the Institute.

Dr. Camp said that the objectives of the Institute are to meet the needs of high school science teachers who offer instruction in biology either as a separate course or in connection with a general science course.

"Instruction is planned for those teachers who need refresher courses in biology or who need additional courses because of deficiencies in formal training, in the fundamental principles of biology," Dr. Camp continued.

In addition to the factual knowledge provided, the Institute is designed to stimulate the participants through contact with the Tech staff and visiting lecturers; to enable teachers to discuss their professional problems during informal discussion periods; and to familiarize participants with a wide range of teaching aids and source materials.

one original

CAPTION

BIOLOGY

INSTITUTE PLANNERS - Three Texas Tech biology department staff members give a final ~~once-over~~^{APPROVAL} to the program ~~for~~^{ANNOUNCING} the 1964 Summer Biology Institute for High School Teachers, to be held on the Tech campus June 5-Aug. 6. Left to right, ^{they are} Dr. Earl D. Camp, professor ~~of~~ and head of biology at Tech and director of the 1964 Institute; Dr. Russell Strandtmann, ~~professor of Biology~~ and Dr. Paul V. Prior. Dr. Strandtmann and Dr. Prior are biology professors ⁺ at Tech ~~who~~^{AND} will serve as lecturers during the Institute. (Tech photo.)

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

The fifth annual shareholders' meeting of the Texas Tech Federal Credit Union will be held at 4:15 p.m. today (Jan. 14) in Aggie Memorial Auditorium on the campus.

During the meeting members will elect persons to fill three vacancies on the board of directors and two vacancies on the credit committee. In addition, the dividend rate for 1964 will be announced.

Burl M. Abel, president of the credit union and associate professor of finance at Tech, reports that a door prize of a \$5 share will be given to a member or prospective member at the meeting.

Candidates for the board positions include Richard Dudek, professor of industrial engineering; Willy Phillips, associate professor of electrical engineering; Miss Billie Wolfe, assistant professor of home economics; Mrs. Clara McPherson, assistant professor of home economics; Marshall Nagle, associate professor of education; and B. J. Sandlin, associate professor of physics.

Candidates for the credit committee include Bob Parker, associate professor of mathematics; Kenneth Davis, assistant professor of English; Lewis Jones, dean of men; and Del Hartley, assistant professor of finance.

-30-

Dr. William K. Ickes, associate professor of speech at Texas Tech, is in Williamsburg, Va., this week attending a workshop session of the American Hearing Society, which is planning regional training programs in speech and hearing to be held after March 1.

Dr. Ickes will preside as leader of several discussion groups at the meeting, which ends Thursday (Jan. 16).

-30-

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Four Texas Tech speech students placed in the Golden Spread Forensics Tournament in Amarillo recently.

Tommy Hamm of 1854 Jackson, Abilene, and Nelda Ray of Slaton placed third as a team in junior women's debate.

Karen Day of 3313 Mariana, Midland, placed third in junior women's poetry; and Keith Strain of Lubbock placed third in junior men's poetry.

The tournament sweepstakes was won by North Texas State University, with Baylor second and Abilene Christian College third.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--Dr. George Scatchard, a well-known authority on ion exchange, will be on the Texas Tech campus Thursday (Jan. 16) to deliver a lecture in the chemistry department.

Dr. Scatchard, who is a professor emeritus of chemistry at Massachusetts Institute of Technology, is in Texas by invitation of the Robert Welch Foundation of Houston. In addition to his 8:00 p.m. lecture in Chemistry 101 at Tech, Dr. Scatchard will speak at North Texas State University in Denton and Baylor University in Waco.

After going to MIT in 1923 as a National Research Fellow, Dr. Scatchard became an assistant professor of physical chemistry in 1924, associate professor in 1926, and professor in 1937. He became professor emeritus in 1957.

In 1931, Dr. Scatchard held a two-year Guggenheim Fellowship to study the theory of liquid solutions with such European authorities as Dr. Peter Debye in Leipzig, Germany.

During World War II, he was scientific advisor to Harold C. Urey of the Substitute Allowed Materials Laboratory, Columbia University and worked extensively on fractionation of uranium isotopes. During this same period, Dr. Scatchard was also an advisor to Edwin J. Cohn of the Harvard Medical School, studying fractionation of plasma proteins.

Dr. Scatchard was Chief of the Research Control Branch, Economics Division, United States Military Government in Berlin and scientific advisor to Lucius D. Clay.

He received the Theodore William Richards Medal in 1954 and the Kendall Company award in 1962.

(more)

Dr. Scatchard--add 1

Dr. Scatchard is a member of the National Academy of Sciences, the American Academy of Arts and Sciences, the American Chemical Society, Sigma Xi research society, and the biophysical society of Phi Beta Kappa. He served as a Sigma Xi national lecturer in 1951.

Since 1950, Dr. Scatchard has also been a consultant of the Oak Ridge National Laboratories.

The Robert Welch Foundation, under whose auspices Dr. Scatchard is visiting the Texas Tech campus, was established by Texas oil millionaire Robert A. Welch to further chemical research in Texas.

Dr. W. O. Milligan, director of research for the Welch Foundation in Houston, will accompany Dr. Scatchard to Lubbock.

Dr. Scatchard will arrive in Lubbock at 8:32 a.m. Thursday and depart at 9:30 p.m.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

The Texas Tech chapter of the Society for the Advancement of Management has announced plans for a one-day business conference, Feb. 29 in the Coronado Room of the Tech Union.

Featured speaker will be Robert Walker general manager of the Litton Industries new Lubbock facilities. Walker will speak at a noon luncheon. He will be introduced by W. D. "Dub" Rogers.

"Business Sights on the Seventies" will be the theme of the conference, which will include a series of sessions led by area businessmen.

Registration and coffee will be held from 9 to 9:45 a.m. Feb. 29. Following the welcome, Daniel Stuart, branch manager of I.B.M., will open the conference at 10 a.m.

At 10:45 a.m. Frank Junell of the Citizens National Bank will speak, followed at 11:15 by L. W. Carlisle of the Addressograph, Multigraph Corp.

Dr. W. F. Williams, head of agricultural economics at Tech, will open the afternoon session with a talk at 1:30 p.m. The meeting will conclude with an address by John Woolford of National Cash Register from 2:30 to 3:15 p.m.

Exhibits will be on display throughout the day, provided by National Cash Register, I.B.M. and Addressograph, Multigraph Corp.

Registration for the conference is free. Luncheon tickets are \$2.25, by reservation only, according to Ray O'Gwin, SAM vice president.

Reservations may be made by calling O'Gwin, SH4-5590, or Jim Potter, PO2-2393.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Members of the Texas Tech Federal Credit Union have voted a $4\frac{1}{2}$ percent dividend for this year and filled vacancies in the board of directors and credit committee.

Newly-elected to the board are Dr. Marshall Nagle, associate professor of education; Miss Billie Wolfe, assistant professor of home economics; and Willy Phillips, associate professor of electrical engineering.

Re-elected to the credit committee were Lewis Jones, dean of men, and Bob Parker, associate professor of mathematics.

The new board will meet next week to elect officers for 1964.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

SUITABLE FOR TIME COPY

With a flying laboratory for his workshop and the nation's prospective astronauts as his "guinea pigs," a Texas Tech researcher has conducted scientific experiments on the phenomena of weightlessness.

Dr. Vincent Luchsinger, who specializes in industrial psychology, and is an assistant professor of management at Tech, was part of a team of psychologists, medical doctors, engineers and anthropologists conducting the experiments at Wright-Patterson Air Force Base, Ohio.

The group studied the effects of weightlessness on man, under the direction of the Human Engineering Division of the Behavioral Sciences Laboratory at the base's Aeronautical Systems Division.

Since actual weightlessness cannot be simulated on the ground, the only way it could be achieved was in a Boeing 707 jet aircraft, flying an unusual maneuver known as the Keplerian arc, to provide up to a minute of actual weightlessness for the research purposes.

Another interesting facet of the experiment was that those being studied and those doing the studying were all in the same condition--entirely weightless--during the research periods.

The purpose was to provide for walking and crawling efforts under varying conditions of weightlessness. The physiologist was to study changes in body reaction under the varying gravity factors. The engineer, working under a cooperative program with nearby universities, studied the stresses involved in walking and crawling forces.

(more)

Luchsinger, weightlessness--add 1

Overall, the program was designed to tailor the performance requirements to the man. Everything that could be researched on the ground without actual weightlessness was done, to facilitate the real tests and to conserve time.

Dr. Luchsinger's contribution was in time and motion studies of walking and crawling efforts in simulated space environments. The unusual setting of the studies caused him to comment, "I've seen the Buck Rogers comic strip come true!"

And what is it like to be weightless?

Dr. Luchsinger describes it as kind-of "euphoria," a sense of well-being and bouyancy. Many persons became addled and disoriented rather easily. There were marked differences in abilities of individuals and some experienced motion sickness.

"Some bodies just couldn't take weightlessness, because of inner ear problems that effect balance or an inability to overcome motion sickness," Dr. Luchsinger said.

"Actually, adjusting to weightlessness is a learning process," he added. "Those adapting best had good physical condition in general, mental and physical flexibility, good coordination and reflexes, and keenness of perception."

Dr. Luchsinger pointed out that there were many problems not yet overcome. After long periods of weightlessness, one can hardly walk when back on the ground.

Related to this, another big problem is exercise. The muscles aren't working when one is weightless, so they grow lax. Scientists are working on some suitable exercises, such as isometric contraction, so that the astronauts can work their muscles against some resistance.

(more)

Dr. Luchsinger, weightlessness--add 2

Judging distances and judging time is another difficulty for the man under weightless conditions. Dr. Luchsinger believes that time probably passes more slowly under these circumstances.

Working in the cabin and maintaining the craft pose another problem for the traveling astronaut, since tools, nails, screws, etc., are also weightless, and must be secured at all times. If a man "puts down" his screw driver or some other tool, he quickly finds that it is floating around in space.

For this reason, eating is also a problem, compounded by the fact that there must be a clean, dust-free atmosphere within the cabin. Even a crumb could do untold damage to the delicate electronics systems.

The results of Dr. Luchsinger's research indicate that one cannot walk or crawl during weightlessness, and that moving from one place to another is extremely difficult.

Magnetic shoes and other devices have proved to be impractical. "Free-floating" and soaring are more efficient, but dangerous, because the individual has no way of slowing himself down.

Due to the lack of gravity and friction, he does not stop until he hits another object; and he strikes with the same impetus he used in pushing off.

Researchers are working on a power reel to propel the astronaut with harnesses.

Dr. Luchsinger believes that there were two significant highlights of the experiments. One was the use of inter-disciplinary research teams to attack problems of a complex and timely nature. The other was the coordination of university research facilities to provide working results for incorporation into the space effort.

Luchsinger, weightlessness--add 3

To qualify as a member of the space research team, the participant was required by the Air Force to be a pilot and a psychologist, and working in an applied area. A certain type of education and experience in specific areas was also required.

A native of Dubuque, Ia., Dr. Luchsinger is a former Air Force pilot, and was stationed at Reese in 1956, when he began working on his master's degree in education and psychology at Tech.

With only nine years to go before his Air Force retirement, he left the Air Force to pursue his doctoral degree. He received the M.A. degree in 1959 and the Ph.D. degree from Tech in psychology in 1962.

At Tech Dr. Luchsinger has been freshman advisor in the School of Business Administration, and helped to set up the four-year business honors program for the 1961 freshman class. He is now advisor for the honors program. He is also a member of the Society of Engineering Psychologists.

Next summer, Dr. Luchsinger will return to Wright Patterson to continue the studies on weightlessness and the many problems relating to man's functioning efficiently in outer space.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--Fall semester honors day brought individual recognition to 347 Texas Tech Air Force cadets Thursday (Jan. 16).

Top honors, the Professor of Air Science leadership award, went to Samuel R. Gaston, Tech senior from Colorado Springs, Colo. Gaston, who holds the rank of cadet colonel, received a silver military sabre from Lt. Col. George R. Hull, professor of air science.

Letters of commendation were presented to seniors Ferris K. Moffett, of Snyder; James D. Lyons, Jr., Beaumont; Jerry D. Casstevens, and Robert S. Klinger, Lubbock; Carl E. Franklin, Sweetwater; James L. Parry, Barnhart; Ronnie A. Lunsford, Pampa; junior Jack C. McClure, III, Falls Church, Va.; and sophomore Richard L. Porter, El Paso.

Climaxing the ceremony, Gaston took his final salute as Cadet Wing Commander and turned over command of the wing to Franklin. Gaston will retain the rank of cadet colonel and be assigned as assistant to the commandant of cadets for the Spring semester. Franklin, as spring semester wing commander, was promoted to cadet colonel.

Cadet Flight "J", commanded by Lunsford, was named best unit in the wing. The 35 members of the flight each received a commendation ribbon. Flight "J" was judged best on the basis of points won in the field day, drill competition and various inspections.

(more)

AF ROTC-- add 1

The nine top first year cadets in the wing received Squadron Commanders' Outstanding Freshmen Awards. The nine included Jim Kassahn, Shallowater; Terry L. Blankenship, Lubbock; Glenn E. Galbraith, San Antonio; Jimmie D. Hackney and Gerald E. Gaige, both of Midland; Phillip B. Nixon Ft. Worth; Clyde D. Schaub, Pampa; James H. O'Harrow, Christoval; and John E. Schoeneck, Dallas.

Other commendations made during the ceremony included 150 good conduct ribbons awarded for perfect drill attendance, 55 intramural participation ribbons, and participation ribbons to the 38 members of the Sabre Flight, Tech's Air Force male ROTC crack drill unit, 7 rifle team members, two Air Force ROTC sweethearts, and the 40 members of Angel Flight.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK - The first inhabitants, 110 bulls, have been moved into Texas Tech's plush nearly complete Killgore Beef Cattle Research Center near Amarillo.

The \$500,000 Center will be formally dedicated March 12, 1964 in conjunction with a beef cattle field day and a bull sale. Between now and then, the many large and small details will be wrapped up by architects, landscape specialists, and contractors.

Nolan Barrick, head of architecture and applied arts at Tech and the College's architect on the Center, has been making frequent trips between Lubbock and Pantex, the tiny community near Amarillo where the Center is situated.

"We have made the final inspection on the facility," Barrick said, and it is essentially complete now. There are a few minor things to finish, but nothing of any great importance.

"We have also approved the cattle pens and I understand that the cattle have been transferred from the old pen area to the pens at the Center."

The Center, a two-story structural steel and reinforced concrete building, seems almost to appear from thin air in contrast to the barren, rolling West Texas prairie which surrounds it.

The top floor of the building contains the tastefully-paneled founder's room, which will soon be furnished and later dedicated to Florence Lee and C.L. Killgore; a library which will contain many books from the private library of Dean W.L. Stangel, dean emeritus of agriculture at Tech; a well-appointed kitchen; an apartment for a graduate student who will live at the Center, and a lobby and reception area.

(more)

Killgore Center - -add one

The first floor of the Center contains four private offices, including the office of Dr. George F. Ellis, Texas Tech Research Farm manager. Just down the hall from the private offices are a general office, a report room with a vault, a laboratory, and a reception area.

Also housed on the first floor is the Center's bullorium, the sun-splashed arena where the bulls will be auctioned to the highest bidder on sale day. Plans for the bullorium call for two areas on the wall where slides may be shown which state the animal's performance and its breeding line.

The bullorium has an entrance from the feeding pens. Scales and cattle chutes lie between the bullorium and the 50 partially-covered pens which contain the animals during their performance testing. The pens are concrete floored for easy cleaning. A concrete drive runs along one side of the pens.

When the feed mill is finished, the cattle will be entirely mechanically fed. A monorail system will carry feed from the mill to the individual cattle pens.

Still more contracts are to be awarded before the actual dedication of the Center. Among these are contracts for paving, landscaping, sprinkler system, exterior lighting and furnishings and equipment.

The furniture layout for the founders' room and reception area is currently being completed. Also in progress are plans for landscaping the Center. Tentative plans include landscaping a patio area just off the first floor entrance. This area is bounded by a wall composed of blue and purple stones from the ranch of C.E. Weymouth, a trustee of the Killgore Foundation and a driving force in the establishment of the Beef Cattle Center.

(more)

Killgore Center --add two

All landscaping plans for the Center are under the direction of Elie Urbanovsky, head of park administration at Texas Tech. Although the landscaping is in the planning stage Urbanovsky indicated that not much time would be required to complete the work after it had been started.

When everything is in place and all the details have been taken care of, Texas Tech's Killgore Beef Cattle Center will be like no other facility in the nation for performance testing beef cattle.

Texas Technological Collige
Department of Public Information
Adrian Vaughan, Director

ATTENTION WOMEN'S EDITORS

LUBBOCK--An archeologist who "digs" dancing and drama, as well as artifacts, and is working toward a Ph.D. degree at Harvard University, would be an interesting addition to any college faculty.

This is especially true when the Harvard-educated archeologist turns out to be a petite, hazel-eyed young woman, as is Miss Sarah Ann Cameron Keller, instructor of anthropology at Texas Tech.

Miss Keller, a native of Boston, Mass., came to Tech in the fall of 1963, and will teach in the anthropology department through the spring semester, 1964, before returning to Harvard to complete work on her doctoral degree.

As an archeologist in the field of anthropology, Miss Keller has gone to school for the past eight years, and spent her summers at various sites in North America, digging for traces of ancient cultures.

Before becoming a graduate student at Harvard, Miss Keller did her undergraduate work at Lawrence College in Appleton, Wis., where she received a B. A. degree in anthropology with an additional major in geology.

She describes the fields of archeology and anthropology as "more open to a woman than you would think."

"It's about the same as women in history, and much better than for women in geology," she added. "Geology is difficult for women because of precedent, not because they aren't as capable."

She says that out of 100 persons registered in anthropology at Harvard, approximately 20 of them are women.

(more)

Miss Keller was the first woman from Harvard to go into the middle American field, traveling to Guatemala with an all-male expedition in 1962.

Miss Keller described the camp as "the most luxurious field camp I had ever been in," even though it was situated in the jungle.

"Because you can't live in the jungle there, as you can in a open camp in the more temperate zones, we actually had houses, and more conveniences than I've had at sites in the United States."

To give her more privacy, Miss Keller was assigned the house nearest the jungle, away from the other houses where the men lived.

"I confess I was a little frightened by the jungle noises and being so close to the animals thrashing around in the bushes," she said with a laugh.

In addition to the 90 days in Guatemala, Miss Keller has spent the past several summers digging at Hell Gap, Wyo., on a project sponsored jointly by Harvard and National Geographic.

When Miss Keller and the group first opened the new site at Hell Gap, not even the residents of the area knew the name of the place, which is near Hartville and Patten Creek, Wyo.

Miss Keller described the type of work done at a site such as Hell Gap in two words, "Everybody digs."

"We work an eight hour day, five and a half days a week," she elaborated. "In this country we use a large volunteer crew of undergraduates in the field; in other countries we use the local labor."

"But in every case the archeologists and geologists are constantly busy digging, keeping track of the artifacts, surveying and photographing the objects before they are removed."

(more)

She explained that an artifact is no good "out of context," so each must be examined in its setting. Finding "points"--arrowheads--is especially helpful because they are diagnostic of different cultures, "just as stylized as an automobile in our culture."

Miss Keller, who stands four feet, eight inches, in her "digging boots," traces her interest in archeology to a seventh grade book report she did on a woman archeologist.

Before this time, however, she had become interested in drama, after playing one of the children in the "Tell Me A Story" radio program in Boston.

When she grew older, she did theatrical work in high school and college plays, and also became interested in dancing. While in college she danced with the Appleton Civic Ballet, but found she didn't have the time to enjoy her dancing when she got to graduate school.

"After going into the field and getting the artifacts, we have to classify them, put them on cards and write up the analysis," she said. "This takes longer than digging them out."

Miss Keller has been to several places in the United States on her field trips, but this year at Tech is her first venture into West Texas.

So this is spring, when the famous West Texas sand storms begin descending, she may discover a new aspect to archeology: she may be able to "dig" some artifacts out of the air. More than one West Texas native has claimed it is possible--and the enthusiastic Miss Keller would probably just take it in stride.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Representatives of the Lubbock League of Women Voters will be on the Texas Tech campus Tuesday (Jan. 21) to issue poll taxes for the 1964 election year.

League members will be in the West Lobby of the Administration Building from 9:30 a.m. to 3 p.m., issuing taxes and answering questions on Texas voting procedures and eligibility.

They will also hand out a "Voter's Key" pamphlet with information on absentee ballots, marking ballots, dates of primary and general elections and other procedures.

Those who joined the Tech faculty in September of 1963 are eligible to vote in the November, 1964, election, and for an exemption if it is their first time to vote in the state.

Poll taxes are \$1.75 for eligible voters. Exemption forms are issued for persons over 61, or for persons casting their first vote in the state.

Students who are residents of Lubbock County may also get their poll taxes from League members Tuesday.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK-- The department of music at Texas will present the Tech Symphony Orchestra in a benefit concert at 8:15 p.m. Feb. 13 in Monterey High School Auditorium.

Directed by Paul Ellsworth, the orchestra will give the concert to raise money for their planned trip to Mexico in March.

Tickets for the concert are \$1 for adults and 50 cents for students. They are on sale at the music department office.

Robert Humiston of the Tech music department will be assistant conductor. Soloists include Virginia Kellogg, violinist, and Thomas Mastroianni, pianist.

The program will include Schubert's "Symphony No. 8," the "Unfinished Symphony;" and Franck's "Variations Symphoniques," with Humiston conducting and Mastroianni as soloist.

Following the intermission, Faure's overture, menuet, gavotte and pastorale of "Masques et Bergamasques" will be performed.

Miss Kellogg will solo in "Introduction and Rondo Capriccioso" by Saint-Saens. The program will close with Bizet's "L'Arlesienne Suite No. 2," intermezzo, menuet and farandole.

Miss Kellogg and Mastroianni will accompany the orchestra as soloists on their planned tour of Mexico.

Miss Kellogg received her bachelor of music degree in violin and music education from the Eastman School of Music. She received her master of music degree from the University of Illinois, where she was a graduate fellow. She is currently enrolled in the University of Illinois doctor of musical arts program.

Before coming to Tech, Miss Kellogg played professionally in

(more)

Tech Orchestra---add one

the Rochester, N.Y., Philharmonic and in the St. Louis Symphony Orchestra. She was an assistant professor of violin at Phillips University in Enid, Okla.

Miss Kellogg has been recipient of the Presser Foundation award, the St. Louis Aspen prize scholarship; and the George Eastman Scholarship.

Mastroianni completed his early studies in Pittsburgh, Pa., and received the Diocesan Music Trophy, Pittsburgh Musicians' Club Award, Pittsburgh Concert Society Award and a debut award in Pittsburgh.

He has studied at Duquesne University on a scholarship; and at Julliard School of Music on a scholarship, receiving his B. S. degree in 1957 and the M.S. degree in 1958. Currently he is studying for the doctor of music degree from Indiana University.

He has appeared with the Orpheum Symphony of New York City, the Wheeling Symphony, the Haddonfield Symphony of New Jersey and the 19th Army Band. He has performed solo and chamber recitals in New York, Pennsylvania, Indiana, Maine, New Jersey, Texas and Minnesota.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

An Argentine teacher of English, who came to Texas by way of Florida and is on her way to California, is on the Texas Tech campus this week, visiting the college and Dr. Harley Oberhelman, head of foreign languages at Tech.

Mrs. Ana M. de Koch, from Tucuman, Argentina, is actually "repaying a visit" to Dr. Oberhelman, who takes Tech's Summer Language Institute participants to Tucuman each year.

Mrs. Koch is director of courses at the Bi-National Center in Tucuman, one of the four major U.S.-Argentine centers in that country.

Sponsored by the United States Information Service, the Center is the only one in Argentina which is concerned with cultural affairs as well as language.

Mrs. Koch will be in this country approximately two months. From Miami, Fla., she went to Dallas, where her son is an exchange student at Sunset High School. She will be in Lubbock this week, then travel to California, visiting Los Angeles, San Diego and San Francisco.

In addition to a series of dinners and receptions planned for Mrs. Koch this week, she will travel to Levelland to visit Mrs. Geraldine Johnson, a teacher at Levelland High School. Mrs. Johnson was a Tech language institute participant last year and met Mrs. Koch in Tucuman.

Mrs. Koch reports that she has a special interest in meeting Tech's Dr. Faye Bumpass, associate professor of foreign languages, as she uses Dr. Bumpass' book in teaching English to the 7-and

8-year olds at the Bi-National Center in Tucuman.

As director of courses at the Center, Mrs. Koch is responsible for the English teaching programs from kindergarten through adult classes.

(more)

Argentine Visitor--add 1

Most of the students are in the adolescent age group, however. Mrs. Koch explained that a foreign language is required of all Argentine high school students, and that most of them choose English.

"Their parents will usually enroll them in our program before the children enter high school, so they will do better in their English classes," she said.

Mrs. Koch also teaches English in a Tucuman high school, and says that those who have studied the language previously do much better.

"It is a big problem for those who haven't had English before to try to learn with those who have had a lot of previous training and tend to be bored and impatient with those who are behind them," she added.

Dr. Oberhelman pointed out that two persons from Argentina who have been on the Tech faculty studied English at the Center. One was Miss Elba Rosa David, who taught in the foreign languages department last year. The other is Octavio Tivoli, instructor in architecture at Tech, who studied English six years through the Tucuman program.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Texas Tech currently is the third largest state-supported college or university in Texas. Its fall semester enrollment was 12,036. It is coeducational and its \$51 million physical plant is located on one of America's largest campuses--more than 1,800 acres.

Although its name indicates a technological institution, Arts and Sciences has traditionally been the largest of its six schools since its founding only 38 years ago.

However it does have schools of Agriculture, Engineering and Home Economics--as befits a technological institution.

Adding to the university atmosphere is a School of Business Administration and a growing Graduate School which offers masters' degrees in 36 areas and doctorates in six. Four new doctoral programs will go into effect in the fall of 1964.

But quality is considered more important than size and diversity at Tech. Because of this, it has become known for such facilities as the Southwest Collection, which includes one of the most extensive gatherings of ranching history in the world--the United States Air Force's molecular-chemistry laboratory--and one of the two textile research laboratories in the U.S. where cotton and other fibers can be studied from molecules to final fabrics.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Two courses in modern math will be offered at Texas Tech in the spring semester.

One is for elementary school teachers who want an introduction to modern math, the other is an advanced discussion of interest to physical scientists, Dr. Emmett Hazelwood, mathematics department head, announced.

The introductory course, Mathematics in General Education, (Math 135) will be offered at 6:30 p.m. on Mondays and Wednesdays. Finite Mathematical Structures, Math 4318, will be given at 8 p.m. Mondays and Wednesdays.

Dr. Hazelwood announced the courses because the decision to offer them was made after printing of the spring semester schedule.

-30-

Dr. Emmett Hazelwood and Dr. Charles Megibben of Texas Tech are participating in two national conferences on mathematics Wednesday through next Tuesday (Jan. 22-28) in Miami, Fla.

Many of the nation's outstanding scientists are on hand for the sessions of the American Mathematical Society, primarily a research organization, and the Mathematical Association of America, which emphasizes improvement in teaching.

Dr. Megibben will report on two research projects in algebra. He is author of a paper "On High Subgroups" and co-author of another on "Minimal Pure Subgroups in Primary Abelian Groups" with P. D. Hill, Emory University.

-30-

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Groundbreaking ceremonies will be held at 2 p.m. today (Jan.23) at Texas Tech for a new Central Food Storage Building, which will ultimately save thousands of dollars in food expenditures for Tech residence halls.

The facility, located west of the Physical Plant Building on the Flint Ave. cutoff, is expected to pay for itself through economies in the purchase and preparation of food over a period of time.

Guy Moore, director of residence halls at Tech, announced that the building, containing 33,000 square feet, will enable the college to buy in greater quantities and to provide a greater variety.

For this reason, no increase in room and board rates will occur as a result of the expansion, scheduled for completion in November.

Moore will serve as master of ceremonies for the groundbreaking, which will be attended by college officials and members of the food service staff. The public has been invited to participate in the ceremony.

In outlining the scope of the residence halls food operation, Moore pointed out that the raw food budget for Tech in 1963-64 is \$1,055,000.

The estimated meat requirement for the current fiscal year is 1,820,000 pounds, the equivalent of a herd of 3,640 steers each weighing 1,000 pounds.

The estimated number of pounds of food to be purchased for this

(more)

Groundbreaking for Food Facility ---add 1

fiscal year is 9,810,131. A freight train with 196 cars, or a caravan of 392 motor freight vans, would be required to haul this amount.

The milk consumption in the residence halls is 158,335 gallons of milk, in addition to 11,509 gallons of ice cream, an amount that would require a herd of 379 cows to supply.

This year a staff of 24 dietitians, 185 kitchen employees and 89 part-time student employees will prepare 3,500,000 meals for Tech's 15 residence halls.

Contract for the Food Storage Building and new consolidated dining facilities were awarded to J. R. Francis of El Paso, general contractor, on a bid of \$1,477,866.05. Associated Architects and Engineers of Lubbock are architects for the construction.

The consolidated dining facilities will be in the form of an annex to Bledsoe and Gordon halls. The dining hall will serve students of four residence halls, Bledsoe, Gordon, West and Sneed.

The dining Facilities of the four halls are currently serving 1,346 students three meals a day.

The new facility will have 14,000 square feet of new space and 18,000 square feet remodeled. It will be air conditioned and have facilities to serve 22 students a minute. It will have a seating capacity of 550.

Groundbreaking for the consolidated food service will be held later in the spring semester..

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK - The library at Texas Tech's new \$500,000 Killgore Beef Cattle Research Center near Amarillo will be the permanent home for 300 to 400 books from the personal collection of W.L. Stangel, dean emeritus of agriculture at Tech.

Dr. R.C. Goodwin, Tech president, announced the donation of the books to the Center. He also disclosed that the Center's library would be named after Dean Stangel when the Center is formally dedicated March 12, 1964.

The books in Dean Stangel's collection deal mostly with animal husbandry although some are on agriculture in general.

"Mine is possibly one of the largest private collections of animal husbandry books in existence," Dean Stangel said. "I didn't collect these books because I was a 'book hound' either. They were used in my 42 years in agriculture as a teacher and administrator."

Dean Stangel attended Texas A&M as an undergraduate student. After his graduation, he remained at A&M as a member of the faculty for nine years before beginning his 33-year-tenure at Texas Tech. Some of the books being donated to the Killgore Center date back to 1911, the Dean's freshman year at A&M.

C.E. Weymouth of Amarillo, a Killgore Foundation trustee, first approached Dean Stangel regarding the donation of his books for the Killgore Center.

"When Mr. Weymouth asked me to donate my books to the Center, I was very honored," Dean Stangel declared. "This is not only a great

(more)

Stangel Book Donation - add 1

personal honor for me but also a privilege that doesn't come to everyone.

Dean Stangel said that he was glad his book collection would remain intact in the Killgore Center library and not become lost in larger libraries.

"These books will furnish a tremendous amount of resource material for the use of graduate students doing research at the Center" he added.

The collection includes the first book on livestock judging to be written as well as a copy of every book on this subject which came out prior to 1958 when Dean Stangel became Tech's dean emeritus of agriculture.

"I cannot arrive at a figure for the value of these books. Approximately one-third are priceless and have been out of print for as many as 20 years." Dean Stangel said.

"They clearly reflect the many changes in agriculture and animal husbandry which have taken place during the past 43 years!"

Dean Stangel calls the Killgore Center the only one of its kind which is run entirely by an institution. Two other similar facilities are operated by commercial firms.

Dean Stangel was a prime mover in obtaining for Texas Tech the old Pantex Ordnance Plant near Amarillo when the federal government deactivated it at the end of World War II. The acreage on which the Killgore Center was built was included in the old Pantex facility.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--Approximately 75 persons attended groundbreaking ceremonies Thursday (Jan. 23) for Texas Tech's new Central Food Storage Building on the west side of the campus, where the ground was "breaking" in the dust-filled winds as fast as it was turned with the shovel.

College officials and residence halls personnel gathered for the ceremony heard Marshall Pennington, vice president for business affairs, describe the new Central Food Storage Building as "the culmination of something we've needed for years."

He pointed out that Tech now houses and feeds 5,285 students, with 808 from a new women's hall and 1,056 from a new men's hall expected to raise the total to 7,147 next fall.

"Texas Tech could not exist at its present size without the residence hall system," he said, adding that by fall the halls will be valued at \$22.4million, and that all were constructed with borrowed money that is being repaid with residence hall revenues.

Pennington gave special recognition to members of the Campus Planning Committee and those who met with the committee, including Elo Urbanovsky, landscape architect and head of park administration; Nolan Barrick, supervising architect and head of architecture and allied arts; John Taylor, business manager; O. Ray Downing, director of building maintenance and utilities; and Robert Mason, supervising engineer and professor of mechanical engineering.

Mrs. Shirley Schulz Bates, director of Food Service, introduced residence halls personnel who had been selected to represent the halls at the ceremony because of years of faithful and loyal service.

(more)

groundbreaking - add 1

They included Mr. Ida Mae Shed, luncheon cook of Women's 6 and 7, who has been closely associated with Tech since the beginning of the residence halls in 1934. Mrs. Shed's mother, Mrs. Hattie Smith, came to Tech in that year, followed by Mrs. Shed in 1938.

Also honored were Mrs. Ola Lee Johnson, salad cook at Drane, who joined the residence halls custodial staff in 1944, and transferred to food service in 1946; Mrs. Ida McMorris, supervising cook of Horn and Knapp halls, who has been on the food service staff since 1947; Miss Mary Elizabeth Elliott, head dietitian at Thompson and Gaston Halls, who has been with the food service since 1950; and Mrs. Margaret Ragsdale Birkman, assistant director of food service since 1956, who joined the staff in 1948.

Guy Moore, director of residence halls, was master of ceremonies. Dr. R. C. Goodwin, Tech president spoke briefly emphasizing that the new food storage building will improve efficiency of the food service.

The new facility, located west of the Physical Plant Building on the Flint Ave. cutoff, is expected to pay for itself through economies in the purchase and preparation of food over a period of time.

The building will contain 33,000 square feet and enable the college to buy in greater quantities and provide a greater variety, Moore reported. It is scheduled for completion next fall.

Also planned for completion next fall is the consolidated dining facility for Bledsoe, Gordon, West and Sneed Halls.

(more)

groundbreaking --- add 2

Groundbreaking ceremonies for the dining hall service, which will be annexed to Bledsoe and Gordon, will be held later in the spring semester.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

A former Texas Tech professor, Dr. William Hughes has written a biography of Texas Frontiersman John Salamon Ford, which is scheduled for publication in March.

The book, entitled "Rebellious Ranger: Rip Ford and the Old Southwest," will be published by the University of Oklahoma Press.

Dr. Hughes, who received his Ph.D. degree from Tech, is currently a professor at Mankato State College in Minnesota. He has also taught at Dakota Wesleyan University, Western Illinois University and Sul Ross State College.

Dr. Hughes' book relates the life of Ford, known as "Old Rip," who helped put Texas in the Union in 1845 and who was also instrumental in getting Texas out of the Union in 1861.

Ford, an important figure in Texas from 1836 until his death in 1897, was engaged in a variety of activities, including those of a practicing physician, a Texas Ranger, a newspaper editor, mayor and city marshall of Austin, a Mexican revolutionary general, a Confederate Colonel and mayor of Brownsville.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Donald W. Whisenhunt, Texas Tech teaching assistant in history, has published an article in the current issue of the West Texas Historical Association Yearbook .

The article, entitled "Fort Richardson," describes the role that the fort played in frontier defense as the most northern military post on the Texas frontier, from the time of its establishment in 1867 until its abandonment in 1878, when it was no longer necessary.

During its eleven years of existence Fort Richardson had as one of its commanders the renowned officer Randall S. Mackenzie, for whom Lubbock's Mackenzie Park is named.

The fort was designed to protect settlers from the wild bands of Indians that occasionally raided the settlements. A number of expeditions into West Texas were sent from the fort to clear the area of Indians.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

The Region Honor Bands, consisting of representatives from approximately 40 area schools, will perform in concert at 7:30 p.m. today (Jan. 25) in Monterey High School Auditorium.

Tryouts for the band were held Thursday (Jan. 23) at Texas Tech, with rehearsals held at 2 p.m. Friday (Jan. 24).

William Rhoades, band director of the University of New Mexico, will conduct the junior high, Class B, Class A and Class AA band, with Ralph Smith, Dimmitt High School band director, as organizer.

Frank Piersol, band director at Iowa State University, will conduct the Class AAA and Class AAAA band, with Bill Woods of Levelland High School as organizer.

Tickets for the concert may be purchased at the door. Admission is 25 cents for students and 50 cents for adults.

Deen Killion, Tech band director, is executive secretary of Region 1 of the University Interscholastic League, and host for the tryouts and rehearsals.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

A former Texas Tech faculty member, Dr. Fred R. Crawford, will be the main speaker at the first in a series of meetings sponsored by the Lubbock Mental Health Association Feb. 10 in the West Texas Museum Auditorium on the Tech campus.

Dr. Crawford, who taught in the Tech sociology department from 1955 to 1957 is currently research chief with the Office of Mental Health Planning, Texas State Department of Health in Austin.

The meeting is co sponsored by the department of home and family life in Tech's School of Home Economics, and Psi Chi, honorary psychology club at Tech.

Dr. Crawford will speak at 7:30 p.m. on "Mental Health--A Challenge to Community Leaders."

A panel of Lubbock citizens will respond to his challenge with questions and discussion following his talk.

Dr. Crawford left Tech to become dean of students and associate professor of sociology at Trinity University in 1957. He joined the Hogg Foundation staff to conduct a study of former mental patients' problems in returning home.

From the foundation he moved to the Texas Department of Health as research consultant. He then became research director of Timberlawn Foundation, before returning to the Health Department in September, 1963.

Ben Low of Citizens National Bank is president of the Lubbock Mental Health Association. Dr. Murray Kovnar, professor of psychology, is sponsor of Psi Chi; and Mrs. Estelle Wallace is associate professor and acting head of home and family life at Tech.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Approximately 11,000 Texas Tech students will return to the campus Tuesday (Jan. 28) to begin registration for the spring semester.

Students took their last final examinations Saturday (Jan. 25), and enjoy a two-day break before returning for the registration, scheduled until Thursday noon (Jan. 30). Classes will begin Friday, Jan. 31.

Enrollment hours will be from 8 a.m. to 12 noon and 1:30 to 6 p.m. Graduate students who have been unable to enroll in regular registration may sign up from 8 a.m. to 12 noon Saturday (Feb. 1).

Officials have announced that Memorial Circle will be closed to traffic during the registration days Tuesday, Wednesday and Thursday (Jan. 28, 29, 30.)

Barricades will be placed around the circle to prevent heavy traffic through the campus at that time. Faculty members using the Science Bldg. parking lot and drivers of campus service truck will be allowed to pass through the barricade.

Tech's 15 campus residence halls will open to new occupants for the spring semester at 10 a.m. Monday (Jan. 27). Orientation for entering students will be held at 10 a.m. that day in the Coronado Room of the Tech Union.

Both Army and Air Force ROTC departments have scheduled commissioning ceremonies for January graduates Monday (Jan. 27). The Army ceremony will be held at 10 a.m. in the Tech Union Bldg. The Air Force cadets will be commissioned at 10 a.m. in the Aggie Memorial Auditorium.

The library closed at noon Sat. (Jan. 25) will be closed today (Jan. 26); and open 8 a.m. to 5 p.m. Monday through Wednesday (Jan. 27-30).

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK --Twenty nine Texas Tech senior ROTC cadets will receive commissions as second lieutenants in either the Army or Air Force Monday (Jan. 27) in commissioning ceremonies.

Dr. William M. Pearce, Tech vice-president for academic affairs, will be guest speaker at the Army ROTC commissioning scheduled for 10 a.m. in the Union Building ballroom.

At 10:30 a.m. in Aggie Memorial Auditorium, Lt. Col. Myrt P. Wilson will be guest speaker when eight cadets will become Air Force second lieutenants. Col. Wilson is senior Continental Air Command advisor to the Air Force Reserve program in West Texas and is headquartered in Lubbock.

The 21 Army ROTC cadets slated to become second lieutenants and receive Army commissions will be sworn in as officers by Lt. Col. John H. Buechler, associate professor of military science.

Capt. James C. Webb, assistant professor of air science, will administer oaths to the eight new Air Force officers.

During both ceremonies, relatives or close friends of the 29 new officers will pin gold bars on each man's uniform.

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Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Dr. Reginald Rushing, Head of the Accounting Department of Texas Technological College, has announced a new course in the field of elementary data processing to be known as "Elementary Mechanical Coding". The course will be taught the spring semester for the first time in room 124 of the air conditioned C & O Building at 3 o'clock Monday for lectures, plus 3 hours arranged each week for laboratory assignments.

This course is an analysis and practice in card design, forms design, card layout forms, determining card data, field size and data sequence. It is also a study of tumble and sectional cards, short-cards, testing card designs and TELE-PROCESSING.

Students practice at the card punch and verifier machines punching keyboard exercises. They also punch practice exercises for accounts receivable invoicing and billing, and payroll detail and summary.

The laboratory fee and tuition for the two semester hour course, Accounting 121, is \$17.00.

Mr. Marvin A. Johnston, instructor, may be contacted by telephoning the College, PO 2-8811, extension 2194.

Texas Technological
Department of Public Information
Adrian Vaughan, Director

LUBBOCK, -- Texas Tech will open spring semester registration Tuesday (Jan. 28), with enrollment expected to reach into the high 10,000's or perhaps beyond 11,000.

Registration will continue during working hours until Thursday noon, Jan. 30. Classes will begin Friday, Jan. 31.

Hours for enrollment will be 8 a.m.-12 noon and 1:30-6 p.m.

Graduate students who have been unable to enroll in regular registration may sign up from 8 a.m. to 12 noon Saturday, Feb. 1.

Tech's fall semester enrollment was 12,036, making it the third largest state-supported college or university in Texas. Enrollment for the spring semester traditionally is less than that in the fall.

Tech's 15 campus residence halls will open to new occupants for the spring semester at 10 a.m. Monday (Jan. 27). Orientation for entering students will be held at 10 a.m. that day in the Coronado Room of the Union Building.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

The executive board of the Texas Tech Ex-Students Association and its Loyalty Fund trustees will meet in executive session at 10 a.m. today (Feb. 1) in the Tech Union Bldg.

Floyd Read of Lubbock, Association president, will open the session, which will include a financial report and audit, Loyalty Fund report, and reports on the Century Club, the CLASP campaign, Texas Tech Day and committee appointments.

Wayne James, executive director of the Association, will also give a report to the group, which will include Frank Calhoun of Abilene, the Association's first vice president, and Don Anderson of Crosbyton, second vice president.

More than 20 directors and trustees from throughout Texas are expected to attend, James reported. The group will attend a luncheon at noon in the Anniversary Room of the Tech Union.

A new soybean variety, developed to meet High Plains needs, has been named after Harold Hinn of Plainview, a Texas Tech director and also a founder and supporter of the High Plains Research Foundation at Halfway.

The Hinn soybean was developed by Barry Love, associate agronomist at the Foundation. The Foundation is a free enterprise experiment station supported by contributions from South Plains farmers, ranchers and businessmen.

Foundation researchers report soybeans in general and the new Hinn soybean in particular are important because they are a cash crop. They fit into almost any crop rotation program and are ideal for skip row planting.

They return nitrogen to the soil, and their root growth tends to keep the soil loose and prevent impaction. Hinn soybean production will standardize from 35 to 40 bushels an acre with irrigation. This is from five to ten bushels higher than older varieties that have been planted.

Soybeans carry no government acreage restrictions. Although they were declared surplus briefly last year, they have now been removed from the list.

Cotton mills, of which there are many on the High Plains, can be easily converted to soybean crushing. Many of these mills have already been through this modification.

The 6,338 bushels of foundation seed are being shipped, on order, to certified seed growers. Demand from certified growers more than doubled the number of bushels available.

These first Hinn seeds will be planted in March. The beans produced from this first planting will be available through commercial seed outlets in 1965.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Registration for the spring semester begins today (Jan. 28) at Texas Tech, with the Memorial Circle closed to through traffic to protect the expected 11,000 students as they walk across the campus to enroll in their various classes.

Officials have announced that the circle will be closed to traffic during the registration days today (Jan. 28) Wednesday and Thursday (Jan. 29,30). Faculty members using the Science Building parking lot and drivers of campus service trucks will be allowed to pass through the temporary barricade.

Enrollment hours will be from 8 a.m. to 12 noon and from 1:30 to 6 p.m. Graduate students who have been unable to enroll in regular registration may sign up from 8 a.m. to 12 noon Saturday (Feb. 1).

Orientation for approximately 275 entering freshmen and new students was held at 10 a.m. Monday (Jan. 27) in the Tech Union. Army and Air Force ROTC units commissioned a total of 29 January graduates as second lieutenants in Monday (Jan. 27) morning ceremonies on the campus. Tech's 15 campus residence halls also opened to new occupants Monday morning.

Glasses will begin Friday (Jan. 31). Approximately 11,000 students are expected to enroll at Tech for the spring semester, following a 12,036 total in the fall of 1963. Spring semester enrollment is traditionally lower than the fall semester, due to dropouts and January graduations.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK--Texas Tech's Air Force ROTC has commissioned eight January graduates in ceremonies held in Aggie Memorial Auditorium on campus.

Commissioned as new second lieutenants were Russell L. Chaddick, son of Mr. and Mrs. R.C. Chaddick, Plainview; Wayne L. Harrison, son of Mr. and Mrs. J.W. Harrison, Pampa; James D. Lyons, Jr., son of Mr. and Mrs. J.D. Lyons, Beaumont; George L. Metcalf, son of Mr. and Mrs. Holland Metcalf, Chillicothe.

Others were Carl E. Newsome, son of Mr. and Mrs. Carlton Newsome, Mt. Vernon; Alvin D. Richter, son of Mr. and Mrs. A.L. Richter, Lubbock; James R. Spentath, son of Mr. and Mrs. Erle Spentath, Boerne; and Larry B. McBride, son of Mr. and Mrs. E.E. McBride, Lubbock.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK -- Texas Tech's Army ROTC has commissioned twenty-one January graduates in ceremonies held in the Tech Union Ballroom.

Commissioned as new second lieutenants were Paul A. Anthony, Lubbock; Doyle W. Barnett, Lubbock; Charles R. Fifer, Lubbock; James B. Johnson, Lubbock; William K. Nolan, Lubbock; Orland M. McNeely, Lubbock; Frederick J. LaRoe, Lubbock; John P. King, Lubbock; John L. Seymour, Lubbock; John S. Rike III, Lubbock; and Rodney L. Pace, Lubbock.

Others are Louis H. Bryan, 1400 Crescent, Odessa; Edison W. Hallford Jr., Fredricksburg; Peter S. Hickok, 5537 Wheaton, San Jose, Calif.; Jerry G. Hooks, 3812 Paramount, Amarillo; Boyce H. Hurley, Throckmorton; Robert W. Janek, Rt. 2, San Angelo; William L. Mullins, Freer; Billy G. Wilson, Killeen; Leo F. Waltz, Denison; and John A. Unger, Rt. 1, Houston.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK - The ninth annual Southwest Park and Recreation Training Institute will be held at Lake Texoma Lodge, Lake Texoma State Park, Kingston, Okla., February 2-5, 1964.

The four-day Institute is sponsored jointly by the American Institute of Park Executives, the Southwest Park and Recreation Training Institute and the Oklahoma Planning and Resource Board, and is conducted by the Texas Tech Park administration department.

Purpose of the institute according to Elo J. Urbanovsky, director is to provide an equal opportunity for those people interested in parks and recreation to discuss mutual problems in their respective fields. Urbanovsky is also a professor and head of park administration, horticulture and entomology at Tech.

Keynote speaker will be Ray E. Hubbard, president of the Dallas Park Board for the past 20 years. His talk, titled "New Horizons," is scheduled for 9 a.m. the first morning, February 3.

Wednesday night's banquet, which climaxes the Institute, will feature as guest speaker Leo Winters lieutenant governor of Oklahoma.

Other topics on the agenda for the first day include "A City Manager's Role in Promotion of Parks and Recreation," "Our Challenge - Leisure," "Training Administrators on the Job," "Responsibilities for the Various Segments of the Recreation Spectrum," and "New Ideas in Your Park."

Second day of the Institute will be devoted to a series of work-shops and special interest forums. Among workshop topics are "Scheduling Maintenance to Meet Recreational Usage Impact," "New Building Materials

(more)

Park Conference - add one

and Their Use in Park Construction," "The County-Regional Park System, Its Purposes and Functions," "The Place and Problems of Recreation in Multiple Use of Forests and Reservoirs," and "Manuals and Reports--Their Preparation and Use in a Park System."

The four special interest forums will discuss "State Parks," "Horticulture", "Recreation", and "Small City Parks,"

Wednesday, the final day of the Institute, will be given over to a morning session for making workshop reports and two addresses to delegates in general session. Topics for these two addresses are "Safety-a Two Headed Monster," and "Financed Recreation, a Pay-as-You-Go-Plan."

The concluding afternoon session will highlight two more addresses, "The Texas State Parks Plan", and "Planning for Future Demand for Outdoor Recreation." These speeches will be followed by a question and answer period under the general title of "Park Problems,"

Participants in this institute will include park and recreation people associated with city, municipal, state and federal governments from Texas, New Mexico, Colorado, Oklahoma, Kansas, Louisiana, Arkansas and Missouri.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Representatives of the State Department of Health in Austin are the featured lecturers at a Texas Tech short course in miscellaneous bacteriology. The course, which began Tuesday (Jan. 28), continues through Thursday (Jan. 30) in the Science Bldg., meeting from 7 to 9 p.m.

Approximately 40 laboratory technicians from Lubbock and the surrounding area are participating in the course, designed as a refresher in the bacterial diagnosis of etiological agents of selected human infections.

In addition, several Tech students in bacteriology are participating in the short course, led by Dr. Carl Heather of the state health department in Austin. Dr. Heather is assisted by Ralph Nettleton, also from the health department.

Dr. Heather is also scheduled to conduct a seminar for the newly-formed Tech Bacteriological Society Thursday (Jan. 30) afternoon. He will discuss "Animal Reservoirs of Salmonella Infection" with the Tech group.

Lab technicians from Lubbock, Floydada, Plainview, Brownfield, Tahoka, Post and other area towns are on campus for the course, according to Dr. Lyle C. Kuhnley, assistant professor of biology at Tech, and director of the course.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK---The West Texas School Study Council, composed of 23 West Texas public schools and Texas Tech, will sponsor meetings on "Improving the Language Arts Program" Feb. 7 and 8, and Feb. 14 and 15.

Designed for elementary and secondary English and language arts teachers in member schools, the Council series will feature Dr. Oscar Haugh, nationally-known language educator from the University of Kansas.

Dr. Haugh is co-author of "Effective English," a textbook series for language arts teachers. He is past president of the Kansas Association of Teachers of English and has done research in language arts for the National Association of Secondary School Principals and the National Council of Teachers.

The Friday (Feb. 7) meeting for elementary teachers will be held from 4:30 to 8:30 p.m. in O.L. Slaton Junior High School, 32nd and Ave. Q. The Saturday (Feb. 8) session, for secondary teachers, will be held from 9 a.m. to 12:30 p.m. at O.L. Slaton Junior High.

Another session for elementary teachers will be held from 4:15 p.m. to 8 p.m. Feb. 14 in Andrews High School, Andrews. On Feb. 15 a session for elementary teachers will be from 9 a.m. to 12:30 p.m. in Lamesa High School.

A member of the Kansas faculty since 1950 and a full professor since 1955, Dr. Haugh is editor of the University of Kansas Bulletin of Education and Studies in Education.

He holds the B.S., M.S. and Ph.D. degrees from the University of Minnesota. Dr. Haugh has also prepared materials for teachers of retarded readers, translated and circulated internationally by the Institute for International Education.

(more)

Council series--add 1

In all of the meetings Dr. Haugh will stress the importance of pupil proficiency in reading and writing as communicative tools, and in the communicative skills of speaking and listening.

Members of the West Texas School Study Council are the school systems of Lubbock, Abernathy, Andrews, Big Spring, Brownfield, Denver City, Hale Center, Hereford, Kermit, Lamesa, Levelland, Littlefield, Monahans, Morton, Olton, Petersburg, Plainview, Post, Seagraves, Seminole, Shallowater, Slaton and Snyder.

Tech representative is Dr. Morris Wallace, professor and head of education at the College. Dr. B. J. Fallon, professor of education, is executive secretary for the Study Council.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

by John Hobbs
Texas Tech Public Information Representative

LUBBOCK - Texas Tech will stage a round of speeches, an old-styled Texas barbecue and a bull sale March 12, 1964 to officially dedicate its New \$500,000 Killgore Beef Cattle Center near Amarillo.

Keynote speaker will be U.S. Representative W. R. Poage of Waco vice-chairman of the House Committee on Agriculture. Rep. Poage's interest in agriculture is demonstrated by his assignment as chairman of the congressional sub-committees on conservation and credit, livestock and feed groups, and foreign agriculture. Representative George Mahon of Lubbock will introduce Poage.

Other speakers scheduled to participate in the opening ceremonies include Ferry Carpenter; Dr. R.C. Goodwin, Tech president; C.E. Weymouth; A.A. Bush, W.N. Durham, Jr., and Dr. George Ellis. Carpenter, a long-time Colorado rancher and former Chief of the U.S. Bureau of Land Management, will relate the history of beef cattle improvement. Dr. Goodwin, who follows Carpenter to the platform will outline the history of the Killgore Center and officially dedicate the facility.

Weymouth, Bush and Durham, trustees of the Killgore estate and driving forces in the creation of the Center, will then comment on the Center from the standpoint of the estate. Finally, Dr. Ellis, manager of the Texas Tech Research Farm located at Pantex, will present research reports on beef cattle improvement studies which have been conducted at the Tech Pantex farm.

After the morning speeches, guests will be treated to a hearty barbecue lunch with all the trimmings.

(more)

Killgore Center - add 1

Climaxing the day-long event will be an afternoon auction and sale of the 110 performance tested bulls which were the first inhabitants of the Center.

The Killgore Center is a sprawling facility which seems to appear from thin air on the rolling West Texas prairie east of Amarillo. The land on which the Center was constructed was acquired by Texas Tech when the World War II Pantex Ordnance Plant was deactivated.

Beef cattle improvement studies, a primary type of research to be undertaken at the Killgore Center, were begun in pens located in another section of the old Ordnance plant. Early in January, 1964, the first bulls were transferred from the old pens to the new ones at the Center.

The Tech Pantex studies, together with tests at other experiment stations in Texas, have clearly demonstrated that gaining ability in beef cattle is highly heritable. The wide variations in gain which exist in individual cattle can be identified, and herds can be improved through proper selection of high gaining bulls.

"The Killgore Center has been planned to provide accurate rate-of-gain information for ranchers," Dr. Gerald W. Thomas, Tech agriculture dean, said. "Access through the Center to qualified research scientists at Texas Tech and the Texas Agricultural Experiment Station and the use of the Tech meats lab for carcass analysis should strengthen this research program."

Other studies which will originate at the Killgore Center include breeding studies with cow-calf operations; range and forage improvement; continuing investigations of wheat pasture poisoning and the prevention of urinary calculi; greenbug control and other insect problems; control

(more)

Killgore Center - add 2

of bindweed and other noxious plant species, and water conservation, including studies of Playa lakes.

"These research efforts will be greatly aided by the facilities at the Center. A complete first-floor laboratory will be used to perform chemical and biological analyses on beef carcasses in conjunction with nutrition studies." Dean Thomas continued.

Another boon to research is the Center's W.L. Stangel Library. The Stangel library is located on the second floor of the Center immediately adjacent to the Founders Room .

Featured in this library are between 300 and 400 books on animal husbandry and general agriculture from the private collection of Dr. W.L. Stangel of Lubbock, dean emeritus of agriculture at Texas Tech. This collection dates back to 1911 and contains every book on livestock judging written prior to 1958, according to Stangel.

The beautifully paneled Founders' Room will serve as a permanent memorial to Florence Lee and C.L. Killgore. The Killgores were pioneers in Panhandle ranching although Mr. Killgore spent his youth in Kentucky.

Killgore bought his first acreage near Amarillo in 1905 and married the former Miss Florence Lee, daughter of Garnet Lee, in 1907. The Killgore land holdings were gradually expanded to include property in the Texas Panhandle and in Union County New Mexico.

The Killgores dedicated their estate to charitable and philanthropic purposes such as the Center. Estate grants have already touched the lives of thousands of Amarillo, Panhandle and Texas citizens.

The top floor of the two-story structural steel and reinforced concrete building contains a well-appointed kitchen, an apartment for a graduate student who will live in the Center, and a lobby and reception area, in

(more)

Killgore Center - add 3

addition to the Founders Room and the Stangel Library.

The first floor of the Center's administration wing contains four private offices, including the offices of Dr. Ellis, Tech Research Farm manager and Jim Carpenter, the assistant animal husbandman for the Center. Just down the hall from the private offices are a large general office, a report room with a vault, and another reception area in addition to the laboratory.

The Center's bullorium links the administration wing and the pen area. When bulls are let into the bullorium's sun-splashed auction area slides with information on the animal's weight-gaining performance and its breeding line will be shown on two specially treated areas on the wall so that prospective buyers will have as much information as possible on each animal before it is auctioned.

The bullorium has an entrance from the pen area. Scales and cattle chutes lie between it and the 50 partially-covered pens which house the animals while they are going through performance-testing studies at the Center.

Concrete flooring in each pen, and paved driveways on either side of the pens were designed to make cleaning and sanitation easier and to prevent any contamination of the Center's feed mill located at the end of the pens.

The feed mill itself was designed by Dr. W.L. Ulich, professor and head of agricultural engineering at Tech and encompasses all the features of the best commercial feed mills but is more accurate. A push-button controlled automatic feeding system carries feed to any one of all the pens via a monorail conveyer.

Adjacent to the entrance to the administration wing is a patio area with a wall containing multi-colored stones taken from the Weymouth

(more)

Killgore Center - add 4

ranch in the Palo Duro Canyon near Amarillo. A second wall made of these stones has been erected alongside the administration wing of the Center as a wind break.

Nolan Barrick, Texas Tech supervising architect and head of architecture and allied arts at the College, was supervising architect on the Killgore Center. Landscaping was under the direction of Elo Urbanovsky, landscape architect and head of park administration at Tech.

The Killgore Center is the only facility of its kind which is operated entirely by an institution. The two other similar facilities are owned by commercial firms.

"When the Killgore Center was proposed, enthusiastic response was received from ranchmen, industry, educational and research organizations. Letters praising the Center and suggesting ways to improve its operation have been received from Wyoming, Nebraska, Oklahoma, Florida, Kansas, New Mexico, Georgia, California, Arkansas, Tennessee, Virginia, Iowa, Maryland, Canada and Texas," Dean Thomas stated.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Miss Billie Williamson, associate professor of home economics education and assistant to the dean, will participate in the education program of the Area I homemaking teachers' In-Service Education Conference to be held in Shamrock Saturday (Feb. 1st.)

Approximately 135 homemaking teachers from Lubbock and surrounding counties, including the north Panhandle, are in Area I.

Principal emphasis of the Conference will be the identification and definition of principles, generalizations and concepts as they relate to the homemaking curriculum in the secondary schools.

Accompanying Miss Williamson will be Miss Marie K. Carano, instructor, who will introduce the overall plans for an FHA Officers Leadership Workshop, to be held at Tech and sponsored by the School of Home Economics.

LUBBOCK CLASP
From: George Hine
PO 2-8811, ext. 4136

FINAL PLANNING SESSION FOR THE FIRST ANNUAL COLLEGE LOYALTY ALUMNI SUPPORT PROGRAM DRIVE WILL BE HELD WEDNESDAY NOON (FEB. 5.) IN ROOM 205 IN THE TEXAS TECH UNION BUILDING.

CLIFFORD B. JONES, THE GENERAL CHAIRMAN, WILL PRESIDE AT THE MEETING.

REPRESENTATIVES FROM 13 TEXAS COLLEGES AND UNIVERSITIES WILL ATTEND THE CONFAB. THEY WILL MAKE PLANS FOR THE KICKOFF BANQUET, FEB. 10 AND DISCUSS THE VARIOUS ASPECTS OF THE TWO WEEK DRIVE.

TEXAS TECH IS SERVING AS THE HOST SCHOOL FOR LUBBOCK CLASP.

OTHER SCHOOLS TAKING PART IN THE UNIQUE DRIVE ARE: ABILENE CHRISTIAN COLLEGE, BAYLOR UNIVERSITY, HARDIN*SIMMONS UNIVERSITY, MACMURRY COLLEGE, MARY HARDIN-BAYLOR COLLEGE, MIDWESTERN UNIVERSITY, SOUTHERN METHODIST UNIVERSITY, TEXAS A&M UNIVERSITY, TEXAS WOMAN'S UNIVERSITY, TRINITY UNIVERSITY, TEXAS CHRISTIAN UNIVERSITY AND WEST TEXAS STATE UNIVERSITY.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Dr. Willa Vaughn Tinsley, dean of Home Economics at Texas Tech, will speak to homemaking teachers from San Antonio Public Schools in an in-service training meeting today (January 31st.)

She will discuss the importance of a balanced program of home economics at the secondary level, with emphasis on some of the more intangible aspects of homemaking which are frequently slighted by many teachers, especially if they have not had recent training.

Included in this discussion will be areas pertaining to the techniques of management involving decision making, analysis of total resources, and consideration of the human concerns of the family not always considered in the concept of self. Other intangible areas are those dealing with the guidance of children and the total field of interpersonal relationships between family members.

While in San Antonio, Dean Tinsley will speak to the Texas Council on Family Relations, an inter-disciplinary group composed of sociologists, home economists, social welfare workers and laymen.

The theme of the meeting will be "Social Trends in the Contemporary Family." Attending the Council meeting will be Mrs. Wildring Edwards, who will serve on the Resolutions Committee, and Kay King, both members of the department of home and family life at Tech.

Texas Technological Collgeg
Department of Public Information
Adrian Vaughan, Director

Breaking all records for spring semester enrollment, Texas Tech had registered 11,293 students by the end of the day Thursday (Jan. 30).

Undergraduate enrollment was completed by 5 p.m., but additional graduate students are expected to enroll between 8 a.m. and 12 noon Saturday (Feb. 1), according to Dr. Floyd Boze, dean of admissions and registrar.

Enrollment figures revealed 7,334 men and 3,959 women registered in all schools of the College. Enrollment by schools was 903 men and 42 women in Agriculture; 2,157 men and 2,561 women in Arts and Sciences; 2,013 men and 394 women in Business Administration; 1699 men and 64 women in Engineering; 4 men and 604 women in Home Economics; and 558 men and 294 women in Graduate School.

Tech's fall, 1963, enrollment was 12,036. Spring semester enrollment is traditionally smaller than that in the fall due to dropouts and January graduates.

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West Texas Water Conference--add 1

Dr. Rex Johnston, of the Agricultural Research Service in Amarillo, is chairman of an segments dealing with Recent Developments in Water Conservation.

First speaker after lunch will be C. E. Fisher, superintendent of the South Plains Agricultural Research Center in Lubbock. Fisher's talk, "Land Leveling, Contouring and Sub-Irrigation," is scheduled for 1:15 p.m. Friday.

"Tailwater Control and Management" is the topic chosen by the second afternoon speaker, Tom McFarland, general manager of the High Plains Underground Water District, at 1:45 p.m.

Final speaker during the second segment is Walter Breedlove, chief public health engineer for the Lubbock City-County Health Unit. His address, at 2:15 p.m., is entitled "Multipurpose Use of Playa Lakes."

The final segment of the conference deals with "Legal, Legislative, and Other Considerations" and has as its chairman Duane Crawford, assistant professor of petroleum engineering at Texas Tech.

At 3:00 p.m.. George McCleskey, a Lubbock attorney, will talk on "Ground Water Depletion as an Income Tax Allowance." At 3:30 p.m., delegates will hear an address on "Water Pollution and Ownership of Playa Lake Water" by J. W. Buchanan, manager of the North Plains Water District in Dumas.

"Electric Logging and Formation Analysis" is the subject of a 4:00 p.m. speech by Delbert Timmons of Dumas. Timmons is an engineer with the North Plains Water District.

Concluding address of the Conference will be "Status of the West Texas Water Institute," by Dr. Gerald W. Thomas, Tech dean of agriculture.

Texas Technological Cod

West Texas Water Conference--add two
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The West Texas Water Institute will hold its first meeting Friday in conjunction with the Water Conference. Its purpose, according to Dean Thomas, is "to emphasize the wise use of water, to promote more research on water, and to educate our people concerning the value and utilization of water."

"The Water Institute is a regional effort through which West Texas people can work to sustain the area's economic wealth through wise use of water," Dean Thomas added.

Present plans call for the Water Institute to plan and direct all future West Texas Water Conferences.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

LUBBOCK - James A. Carpenter, Jr. has been appointed assistant animal husbandman for the Texas Tech Research Farm at Pantex, east of Amarillo, site of the soon-to-be dedicated Killgore Beef Cattle Center.

Carpenter holds a B.S. in animal husbandry from Texas A and M University. He will assist Dr. George F. Ellis Jr., manager of Tech's Research Farm. Both will office in the Killgore Center after it is officially opened March 12, 1964.

The new assistant animal husbandman joined the Tech Research Farm staff after two years with the Agricultural Stabilization and Conservation Service. He began as a trainee in Grayson County Texas and later became County Office Manager in Hemphill County.

After his graduation from Texas A and M, Carpenter was associated with the Tabulating Service of Dallas. In this capacity, he traveled extensively through Texas contacting beef cattle producers and informing them of the availability of a system for keeping basic cattle production records on data processing equipment.

As assistant animal husbandman, Carpenter will be responsible for the beef cattle work carried on at the Killgore Center. This includes overseeing and maintaining work on experimental projects being conducted as well as recording and analyzing all beef cattle data.

He is presently working on a system for keeping all records and data on data processing equipment.

"The aim of our research is to find ways of producing beef more efficiently, both by improved feeding methods and through new breeding systems," Carpenter said.

Carpenter gained additional experience as a teaching assistant in the Genetics Department at Texas A and M. He later spent one summer in beef research at the Texas Agricultural Experiment Station at College Station.

(more)

Carpenter Appointment - add 1

"Jim's knowledge of electronic data processing equipment and tabulating systems will be particularly valuable to us when we move into the Killgore Center," Dr. Ellis said. "The nature of our performance testing and other research makes accurate and complete records a necessity."

Carpenter is a native of Dallas and is a graduate of W.H. Adamson High School. His parents, Mr. and Mrs. James A. Carpenter, live at 419 S. Montreal, Dallas.

He is married to the former Sue Ann Carter of Plainview. The Carpenters have one son, 21 month-old Dale Andrew.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director .

The executive board of the Texas Tech Ex-Students Association and its Loyalty Fund trustees will meet in executive session at 10 a.m. today (Feb. 1) in the Tech Union Bldg.

Floyd Read of Lubbock, Association president, will open the session, which will include a financial report and audit, Loyalty Fund report, and reports on the Century Club, the CLASP campaign, Texas Tech Day and committee appointments.

Wayne James, executive director of the Association, will also give a report to the group, which will include Frank Calhoun of Abilene, the Association's first vice president, and Don Anderson of Crosbyton, second vice president.

More than 20 directors and trustees from throughout Texas are expected to attend, James reported. The group will attend a luncheon at noon in the Anniversary Room of the Tech Union.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Texas Tech's School of Agriculture set new records in both undergraduate and graduate enrollment when spring semester registration totals were compiled Friday (Jan. 31).

The 958 students in Agriculture already has set an all-time mark for any semester, according to Dr. Gerald W. Thomas, Tech agriculture dean.

"We also have a large increase in graduate student enrollment," Dean Thomas said. "This is most interesting as it is contrary to national trends in agriculture."

Dean Thomas pointed to the quality of Tech's agriculture program with its increased emphasis on science, business and service as the main factors which caused the increase in enrollment.

Friday (Jan. 31) was the first day of classes at Tech in the spring semester. Unofficial total enrollment figures for the College stand at 11,293. The figures will become official on the twelfth class day.

Texas Technological College
Department of Public Information
Adrian Vaughan, Director

Two Texas Tech art teachers will be featured in a sculpture-painting show in the Abilene Fine Art Museum Sunday (Feb. 2) through Feb. 16 in Abilene.

The works of Dr. Clarence Kincaid, professor of applied arts, and John W. Queen, assistant professor of applied arts, will be presented at the show.

Queen and Kincaid both came to Tech in the fall of 1960.

Queen has become known through the area for his welded sculpture, consisting of character studies of various West Texans.

Kincaid's watercolor paintings, depicting various aspects of life on the Plains, will be included in the show.