

MAILING SCHEDULE FOR June 8, 1959

Day	Name of Story	A	B	C	R	WS	Explanation
Mon.	National Defense Graduate Fellowships	X	X				
	Dr. E.N. Jones resigns	X	X				
Wed.	Summer Apprenticeships in Home Ec						(13) HT's (8) places they will teach.
	Beta Gamma Sigma Initia.						(16) HT's
Thurs.	\$1800 Endowment for Music Scholarship	AJ	X				
	Dairy Industry Scholarship established	X	X				Photo to AJ
	Irrigation Short Course	AJ	X				
	Tech biologists at National Conference	X	X				
	Mack to represent Rocky Mountain Council	X	X				
	Short Courses & Workshops	X	X				
Fri.	Schedule of short courses and workshops	X					
Sat.	Irrigation Workshop	X				AJ	
	Music Scholarship-Elliott	X				AJ	
	Counseling for Gifted	X	X			X	
	Bowers Assistant Prof of Journalism--New	X	X			AJ	<u>Panhandle Publisher, Idaho State Journal, West Texas Messenger, Publishers Auxiliary.</u>

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: EDUCATION EDITORS

LUBBOCK, May --Three National Defense Graduate Fellowships to stimulate training of college-level teachers have been accepted by the Texas Tech board of directors.

The three-year fellowships are awarded by the U.S. Commissioner of Education to college and university departments offering expanded programs in doctoral studies.

Three fellowships have been awarded to Tech for students working toward doctorates in English, Dr. William B. Gates, Tech graduate dean, announced.

Each fellowship provides for a \$2,000 stipend the first year of study, \$2,200 stipend the second year, and \$2,400 the final year. A \$400 annual allowance is added for each dependent of the doctoral candidate.

The fellowships awarded Tech are three of 1,000 such grants authorized by the National Defense Act of 1958, Dean Gates said.

He pointed out that the education commission was spreading the doctoral study awards throughout the nation to aid smaller graduate schools. Each institution may qualify for a stipend up to \$2,500 for each doctoral fellow to assist the department in his education.

"Tech's English department's doctoral program is being expanded to include a course in the teaching of college-level English," said Dr. Truman Camp, English department head.

"This course will help a prospective teacher to face some of the problems he or she will encounter when undertaking the instruction of a college class," he added.

(More)

2--Graduate Fellowships

The fellowships will be awarded to outstanding young men or women who have recently finished bachelor's programs. By terms of the national grant, those already in a graduate program are not eligible to apply.

In addition to Tech, other schools in Texas and Oklahoma receiving doctoral fellowship awards are University of Texas, 10; Rice Institute, five; University of Oklahoma, six; Oklahoma State, 15; Texas A & M, 12; University of Houston, four, and Baylor, four.

Gates said the U.S. commission has been emphasizing awards for doctoral study in the humanities and social sciences.

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Department of Public Information
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Adrian Vaughan, Director

LUBBOCK, --Dr. Edward Newlon Jones, Texas Tech's sixth president, has resigned, effective August 31.

Dr. William H. Gordon, the President's physician, declared in a public statement that "Dr. Jones has been followed in my office over the past several years and it has become increasingly evident that the stresses imposed by the duties of his office are having an adverse effect upon his physical state.

"It is my opinion that, if continued, his future health will be jeopardized past all reasonable limits."

Dr. Jones, said "I have been advised that I may have many productive years left if I slow down some for a while. I've decided that's best."

"Slowing down" still will leave time for trips to Dallas Tuesday for a meeting of the Baptist Education Commission, to Washington, D.C. Thursday and Friday for an American Council on Education conference, and for a busy schedule this summer, both on and off campus.

Dr. Jones resignation will cap a productive era in Tech's 34-year history.

Under his leadership, Tech enrollment has increased almost 40 percent. Major academic gains have been made. Nine buildings costing more than \$9.5 million have been built or contracted, and 12 other buildings are on the drawing boards.

When Dr. Jones became president in 1952, Tech had a fall-semester enrollment of 5,160. In 1955, 7,156 registered to make it Texas' second largest state-supported college or university, a position held continually since then.

(More)

2--Dr. Jones

Last fall, enrollment reached 8,768.

Despite climbing enrollments that have drained financial gains, Tech has matured academically during the seven years Dr. Jones has occupied the president's blue-leather, swivel chair.

A doctor of philosophy program in psychology was added to other doctoral programs initiated in 1951 when Dr. Jones was academic vice-president. Master of science degrees were added in civil and mechanical engineering, along with a master of arts in teaching.

Undergraduate programs were added in Latin American studies, horticulture with an entomology option, vocational rehabilitation, and engineering physics.

Arrangements were made for separation of chemistry and chemical engineering and history and sociology into separate departments.

Above all, Tech received assurance of the Texas Commission on Higher Education support for further academic development as conditions warrant.

Tech received national recognition for pacesetting trends in teacher education, especially for its program requiring major work in subject matter as well as in teaching methods.

Pioneering research and outstanding visiting consultants in public school development were assured with the establishment of a West Texas School Study Council, made up of representatives from West Texas school systems.

Service responsibilities to area public schools also were recognized through the creation of a West Texas Audio-Visual Co-op, a central "library" for such aids.

(More)

Establishment of an Air Force ROTC led later to flight training for the cadets. Last year the Air Force Institute of Technology chose Tech as one of the colleges and universities for its officer training program.

Over all, the curriculum was improved through a study of courses to cut out duplication and overlapping. A study defining Tech's role and scope established some concrete goals for the faculty and staff. Tech's six Divisions were given the status of Schools.

Cooperative research with Texas A&M was started early in the Jones administration and has grown considerably. Other cooperative programs initiated have included inter-institutional planning of petroleum sciences training with other southwestern and southern schools. Cooperative degree plans have been arranged with such institutions as Baylor, Abilene Christian, McMurry and Hardin Simmons, which do not have engineering programs.

Scholarship has been encouraged through the inauguration of registration priority on the basis of previous grades. Academic privileges have been insured by the establishment of a tenure program.

Tech's many academic advances under Dr. Jones have helped bring important recognitions.

Chapters have been established for Phi Kappa Phi, ranking national scholastic honorary covering all academic fields, and for Mortar Board, senior women's honorary. Numerous professional honoraries have been installed on campus.

National accreditation has been obtained by the School of Business Administration and by the departments of petroleum engineering, architecture and allied arts, and music. Athletic recognition has come through Southwest Conference membership.

(More)

4--Jones

Aiding this growth has been rapid expansion of the physical plant and facilities.

Since 1952, Tech's skyline has been broadened by McClellan Infirmary, Weeks Hall for women, four new men's dormitories, a new gymnasium and swimming pool, Lubbock Municipal Auditorium-Coliseum and other structures. Well on the way up are a new classroom and office building and a textile engineering building.

On the drawing boards are plans for at least six other major structures, including a new central library, women's gym, and centers for computer and nuclear research.

Most of the facilities for the two centers mentioned already are assured.

The campus bookstore has been modernized and expanded and that is the keynote elsewhere. Expansion of Jones Stadium from 27,000 seats to 40,000 is scheduled by the fall of 1960 and only \$750,000 in seat options need be sold to complete the financing.

Plans are underway to expand the Union building. Numerous other buildings are scheduled for expansion or modernization as the campus plant grows.

Off campus, PanTech Farms near Amarillo have been developed significantly ~~and this very week Tech centers for geoscientific research and art open at Moab, Utah.~~

Those are some of the major accomplishments under the administration of the tall, kindly 60-year old Kansan who decided early in his life to be an educator, then tackled it in Texas with dedicated zeal.

(More)

5--Dr. Jones

Dr. Jones was born April 15, 1899, in Downs, Kan., and was graduated from Ottawa University, Ottawa, Kan., in 1921. He was a graduate assistant and doctoral fellow in botany at the State University of Iowa from 1921 to 1925, and was granted the Doctor of Philosophy degree there in 1925. He was further honored when the Doctor of Laws degree was conferred upon him by Ottawa University in 1940.

Dr. Jones became head of the department of botany at Baylor University, Waco, in 1925, starting his academic career in Texas. He became head of the department of biology when the two departments, botany and zoology, were combined in 1933. He was Dean of Arts and Sciences at Baylor in 1934, and then Dean of the University from 1939 to 1942.

The tall administrator was made president of the Texas College of Arts and Industries, Kingsville, in 1942 and served in that position until becoming vice president in charge of academic administration at Texas Technological College in 1948. He became the sixth president of Tech on September 1, 1952.

Dr. Jones has been a leader since his undergraduate days. At 20, he was president of the Baptist Young Peoples' Union of Kansas.

During the summers of 1929 and 1930 he was head ranger naturalist in the education division of Yellowstone National Park. He served as president of the Heart O'Texas Council of Boy Scouts in 1941-42.

In 1937-38 he helped organize and was the first chairman of the Texas Council of Church-Related Colleges. He currently is a member of the American Council on Education's Committee on Education and Religion.

(More)

6--Jones

Dr. Jones is a past president of the Texas Academy of Science and the Association of Texas Colleges. He is a member of the Southern Association of Colleges and Universities' Commission on Colleges and Universities, a primary policy group for the accrediting agency.

Other affiliations include membership in the American Association of University Professors, Texas State Teachers Association, American Eugenics Society, American Genetic Association, and the American Association for the Advancement of Science.

He is a member of First Baptist Church, Lubbock, and is an active Rotarian.

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Department of Public Information
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LUBBOCK, June --Twelve Texas Tech coeds have been awarded summer apprenticeships in home economics teaching under a Sears-Roebuck Foundation grant-in-aid program.

They will serve in 12 high school centers, selected for their outstanding homemaking programs, Dr. Willa Vaughn Tinsley, dean of the Home Economics School at Tech announced.

Tech apprentice teachers will work with high school homemaking teachers in Amarillo, Big Spring, Galena Park, Hereford, Lamesa, Levelland, Lorenzo, Lubbock, Midland, Odessa, Slaton and Roosevelt High School in Lubbock County.

"This is the third year the Sears Foundation has underwritten the apprentice teacher program for training in the summer phase of homemaking programs," Dean Tinsley said. Expenses for the students are paid by the Foundation.

Major aims of the apprentice teacher are to become familiar with responsibilities of homemaking teachers in summer programs, to learn guidance and evaluation techniques, how to work with teenagers and routine management of an effective summer homemaking program.

The apprentices, the places they will serve and those supervising their activities are:

Amarillo -- Virginia Foster, senior home economics major from Bowie, will work with Mrs. Helen Worley, Amarillo homemaking coordinator, and Mrs. Julia Dengler.

Big Spring -- Nelda Kennemer, senior home economics education major from Claude, will work with Mrs. Florence Lenox, Mrs. Sannie Sandlin and Mrs. Fern Alexander, Big Spring homemaking teachers.

(More)

2--apprentice teachers

Galena Park -- Judy Kelley, junior home economics education major from Pasadena, will work with Mrs. Florence Thompson and Miss Gordie Purcell, homemaking teachers in Galena Park high school.

Hereford -- Betty Horn, junior home economics education major from Wolfforth, will work with Mrs. Margaret Durham, Mrs. Dorothea Prowell and Miss Carolyn Reynolds, homemaking teachers in Hereford schools.

Lamesa -- Donna Magee, junior home economics education major from McLean, will work with Mrs. Glenodine Holman, Mrs. Mary K. Phillips and Mrs. Mary Lou Rowland, homemaking teachers in Lamesa schools.

Levelland -- Kathy White, junior home economics education major from Lubbock, will work with Mrs. Beryl Burelsmith, Mrs. Katherine Shepard and Mrs. Dorene Harbin, homemaking teachers in in Levelland schools.

Lorenzo -- Naydine Pair, junior home economics education major from Whitharral, will work with Mrs. Barbara Hamilton, homemaking teacher in Lorenzo schools.

Lubbock -- Barbara Cook Law, junior homemaking education major from Lubbock, will work with Miss Gertrude Watson, homemaking coordinator, and Mrs. Annie Margaret Turner, homemaking teacher.

Roosevelt High School, Lubbock County -- Jan Farris, junior home economics education major from DeKalb, will work with Mrs. Pearl S. Parramore, homemaking teacher at Roosevelt High School.

Midland -- Sue Moore, junior home economics education major from Lubbock, will work with Mrs. Olga Banks, coordinator, Miss Mildred Pope, Mildred Cate, Mrs. Frances Ratliff and Lou Ellen Matson, homemaking teachers in Midland schools.

(More)

3--Apprentice teachers

Odessa -- Louise Decker, junior home economics education major from DeLeon, will work with Miss Virginia Tompkins, coordinator, Ann Thomas, Angela Boren, Ruth Owen, Bobbie O'Neal, Mary Harding and Sammie Saulsbury, homemaking teachers in Odessa schools.

Slaton -- Sondra Williams, junior home education major from El Paso,, will work with Mrs. Ima Dora Haile, homemaking teacher for Slaton High School.

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LUBROCK, June -- Beta Gamma Sigma, commerce and business administration honorary society, has installed a chapter at Texas Tech.

Dean Clive F. Dunham of the University of Mississippi was principal installing officer and delivered the installation address.

Dunham is a member of the national Beta Gamma Sigma executive committee.

Texas Tech business faculty and students petitioned for and were accepted for membership after the School of Business Administration became a member of the American Assn. of Collegiate Schools of Business.

The University of Texas and Southern Methodist University are the only other institutions in the state with Beta Gamma Sigma chapters, Dr. John R. Ryan, marketing department head, said.

Those initiated include:

Abilene -- Edward D. Hayden (2102 Grape)

Albany -- Melvin E. Andres; James Lee Hooker

Bellaire -- Norman L. Dreyer (4908 Wullard)

Colorado City -- Mary Carolyn Black

Dallas -- Jerry Wayne Neef (2319 Ap. A, Fort Worth Ave.)

Dumas -- Delmo Maurer

Floydada -- Donald E. Smith

Fort Worth -- Carl Wayne Riehn (4205 McCart); Larry E. Short
(2413 Michael)

Hebbs, N.M. -- Homer Lee Hughes

(More)

2-- Beta Gamma Sigma initiates

Lubbock--Carolyn Polk Calvert; Pearl Estelle Camp; Edwin L. Merriman; Kent A. North; Thomas D. Reager; William F. Sandy; William H. Simmons; James O. Tinsley, Jr.

McAdoo--John C. Baum

Pecos--Glenn E. Reynolds

Plainview--Sharinne S. McGregor (1205 Wayland); Charles L. Rackley (Olton Rt.)

Slaton--Robert L. Lambert

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LUBBOCK, --A \$600 dairy industry scholarship has been established at Texas Tech by the Dallas-Fort Worth Dairy Technology Society.

The grant will provide \$150 for each of four years to a Texas high school graduate who majors in dairy industry at Tech and makes satisfactory progress.

Applicants must be entering freshmen and must be in the upper 25 per cent of their high school graduating class.

July 1 is deadline for applications, which should be made to Dr. J.J. Willingham, Tech dairy industry department head. The winner will be announced about July 15, Dr. Willingham said.

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Department of Public Information
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ATTN: EDUCATION EDITORS

LUBBOCK, June --June is more than a month for brides and weddings, it's also a month for teachers and students to take intensive short courses at Texas Tech.

Hundreds of students, in addition to some 3,000 enrolled summer scholars, are expected on the Tech campus this month and next for a variety of special workshops and short courses.

Already underway are a biology teachers institute, an interior design course, a workshop in business education and a guidance and counseling graduate seminar sponsored by U.S. Department of Health.

Beginning next week is a chemistry teachers institute, slated June 8 to July 18 under a National Science Foundation Grant, and a June 8 to June 26 Spanish language course for elementary school teachers working with Spanish-speaking children.

A two-week cotton ginners' workshop is set for June 15-26 while an irrigation workshop for vocational agriculture teachers is scheduled June 16-17-18 by the Tech agricultural engineering department.

Aviation education in the space age will be considered at Tech's first Air-Age Workshop set to open June 15. It will be climaxed with an air-lift to the U.S. Air Force Academy in Colorado Springs July 3.

Another Tech education department offering will be a School Business Services workshop June 22-26. More than 300 women have been enrolled in the School Lunch Workshop to be offered June 15-19 by the Home Economics School.

(More)

add-1- Tech summer workshops

Five clothing and textiles short courses have been planned by the Home Economics school in June and July. New methods of clothing construction will be taught June 29-July 3 followed by application of new techniques of garment construction July 6-10.

Special problems in millinery will be offered July 14-18 and a special course in personal development is slated July 20-24.

Advanced pattern design will be offered July 21-Aug. 14.

Also offered by the Home Economics school is a food and nutrition workshop June 29-July 14. A home nursing short course is scheduled by the school July 14-18 to qualify women to teach Red Cross home nursing classes and to assist in Civil Defense programs.

For youngsters in the third and fourth grade age group, a summer language program for beginning German will be offered July 17-Aug. 14, under the direction of Herr Theodor Alexander of Tech's foreign language department.

The Tech speech department is scheduling a workshop in directing school speech activities July 14-31. This will be conducted concurrently with the workshop for dramatics and forensics for high school students July 20-Aug. 1. This workshop is open to high school sophomores and juniors.

Tech's journalism department and the West Texas High School Press Assn. will sponsor a high school newspaper and yearbook workshop Aug. 10-14.

The psychology department is offering a practicum in testing for school counselors July 20-31.

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Department of Public Information
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LUBBOCK, --Two Texas Tech biologists will have important roles in national scientific conferences this summer.

Dr. Donald W. Tinkle will be in Washington, D.C., June 22 to take part in a symposium on research with bats. It will be part of a meeting sponsored by the American Society of Mammalogists.

Dr. R.W. Strandtmann will appear in a symposium on external parasites, scheduled at a National Institutes of Health meeting July 10-11 in Bethesda, Md.

###

LUBBOCK, --Raymond Mack of Texas Tech will represent the Rocky Mountain Council on Latin American Studies at a meeting to form a national council of organizations engaged in such work.

The meeting will be Aug. 26-29 at Sagamore, N.Y., under sponsorship of the American Council of Learned Societies, the Creole Foundation, and Syracuse University.

Mack, an assistant professor of government, has been instrumental in development of the Rocky Mountain Council and is serving his second term as president.

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Present and Future Academic Events at Texas Tech

DATE	WORKSHOPS, SHORT COURSES
June 1-July 25	Biology Teachers Institute (Biology-Science Bldg.)
June 1-12	Summer Orchestra School (Music Bldg.)
June 2-23	Interior Design Workshop (Home Ec Bldg.)
June 4-July 13	Workshop in Business Education (Ad Bldg.)
June 8-July 18	Chemistry Teachers Institute (Chemistry Bldg.)
June 8-26	Spanish in the Elementary School (Ad Bldg.)
June 15-26	Cotton Ginners' Workshop (Agricultural Engineering)
June 15-July 3	Education Dept: Air Age Workshop (Ad Bldg.)
June 15-19	School Lunch Workshop (Home Ec Bldg.)
June 15-26	Summer Band School (Pre-College) (Music Bldg.)
June 15-26	Techniques of Counseling (Psychology)
June 16-18	Irrigation Workshop (Agricultural Engineering)
June 22-26	School Business Services (Ad Bldg.)
June 29-July 3	Clothing and Textiles: Newer Methods of Garment Construction (Home Ec Bldg.)
June 29-July 14	Food Demonstration Workshop (Home Ec Bldg.)
July 6-10	Application of Newer Techniques of Clothing Construction (Home Ec Bldg.)
July 14-18	Instructor Training in Home Care of the Sick (Home Ec Bldg.)

(More)

2--Academic Events

DATE	WORKSHOPS, SHORT COURSES
July 14-18	Special Problems in Millinery (Home Ec Bldg.)
July 14-31	Workshop in Directing School Speech Activities (Speech Bldg.)
July 17-Aug. 14	Summer Program of German for Children (Ad Bldg.)
July 20-Aug. 1	Dramatics and Forensics (High School) Workshop (Speech Bldg.)
July 20-31	Practicum in Testing (Psychology)
July 20-24	Special Problems in Personal Development (Home Ec Bldg.)
July 21-Aug. 14	Advanced Pattern Design (Home Ec Bldg.)
Aug. 10-14	High School Newspaper- Yearbook Workshop (Journalism Bldg.)

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ATTENTION MUSIC EDITORS

LURROCK --An \$1,800 endowment for a music scholarship at Texas Tech has been established by Mr. and Mrs. Raymond P. Elliott.

The grant will honor the donors' mothers, Mrs. Annie E. Elliott and Mrs. Orominor Sidenfaden. Additions to the endowment fund will be made by the Elliotts from time to time.

Elliott is an associate professor of music at Tech.

The earnings will provide a scholarship for an outstanding junior or senior majoring in music at Tech.

"The gift, although small, results from a systematic saving over a period of years," Elliott said. "We will continue to make additions to the fund each month, barring ill fortune.

"It is our way of expressing love and appreciation to our mothers--a way of expressing gratitude for a passing generation and faith in future generations."

Elliott said that he thinks the Texas Tech Foundation can be immeasurably extended by gifts from people in ordinary circumstances through systematic savings.

###

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LURBOCK, --Know thyself.

That's the aim behind a Texas Tech institute on counseling for high school students with outstanding talents.

"We can't make a talented youngster exercise his talents. That's got to come from within," said Dr. H. Paul Kelley, a visiting lecturer at the institute.

"But we can help any youngster to find himself, his talents, his problems and what he should be able to do about them--if he wants to," the University of Texas psychologist said.

Dr. Kelley is a specialist in devising tests that help measure many aspects of personality. He also specializes in compiling test statistics and analyzing them.

Time was when IQ, or intelligence quotient, tests were by far the primary tool of psychologists in seeking talents. Not so any more.

Too many persons with obviously outstanding mental ability have been quite content to take routine jobs and let their talents lie dormant.

Dr. Kelley has been helping 30 high school counselors work on a basic test that will give them many additional clues on how to help talented students know themselves and act on what they find.

In addition to measuring abilities and aptitudes, the tests will help the counselors spot a youngster's sense of personal values, attitudes, study habits and other personality traits--all of which will help in counseling him.

(Mere)

2--Tech institute

What will happen to attitudes of students who find out they're especially talented? What about the students that find out they aren't so talented?

"Those questions indicate exactly why counselors must be very careful in what they do," Kelley replied. "Such counseling isn't for amateurs to play around with."

Kelley said counselors must use their knowledge of a youngster to talk in general terms about what he may be able to do.

"We can't be dogmatic about anything we point out," he explained. "After all, persons with mediocre talents often go far beyond the expectancy of their abilities because of their desire to excell."

"What we can do is point out the possibilities--what the percentages of success are for a certain person in given fields," he continued.

Kelley said a primary aim is to help a youngster know himself and his abilities a little more specifically than he would if he tried to discover himself--all by himself. "After all most of us have a fairly good idea of our talents without any help. A little more information, presented properly, should help more than it hurts," he said.

Behind the Tech institute is a \$30,000 grant under the National Defense Education Act. It's part of attempt to discover the nation's talented youngsters and encourage them.

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Department of Public Information
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LUBBOCK, June --Dr. David R. Bowers, a 1957 Reid Foundation fellow, has been named assistant professor of journalism at Texas Tech.

Prof. Wallace E. Garets, Tech journalism department head, said Bowers will succeed Bill J. Whitted, Tech journalism instructor who has resigned to work toward a doctorate in journalism at Northwestern University, Evanston, Ill.

Bowers, who is currently news director of the 15,000 Watt KSEI, Pocatello, Idaho, radio station, will teach reporting, editing, typography and journalism history at Tech.

As a Reid Foundation fellow, Bowers studied ways reading is taught in Switzerland, Germany, Denmark, Sweden and Norway.

Bowers holds two degrees from the University of Missouri School of Journalism. He earned a bachelor's degree there in 1945 and a M.A. degree in 1947. He later earned a doctor of philosophy degree in mass communications at the University of Iowa.

He has held news positions on the Rome, N.Y., Daily Sentinel, the Salt Lake City, Utah, Telegram and the Sunnyvale, Calif., Standard. He was city editor of the Idaho State Journal in 1950-51 in Pocatello and later managing editor of the Journal from 1953-57.

After returning from his study in Europe in 1958, he was named executive editor of the Hutchinson, Kan., News.

He is a member of Sigma Delta Chi, professional journalistic fraternity, and served as the Idaho state chairman of SDX from 1953 to 1956.

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LUBBOCK, --Lubbock Avalanche-Journal scholarships at Texas Tech have been awarded to the first president of the West Texas High School Press Assn. and an outstanding Tom S. Lubbock High School journalist.

Vern Hammett, the WTHSPA president, is a student at Monterey High School here. Miss Joyce Vaught, the Tom S. student, already has been managing editor of Tech's Toreador--during a workshop for high schoolers last summer.

Both expect to major in journalism at Tech.

In addition to being co-editor of the 1959 Chaparral, Monterey yearbook, Hammett is a member of the Plainsmen Photography Club and has been an assistant for a local commercial photographer.

He is president of Monterey's Quill and Scroll Society and is a member of Hi-Y and Junior Rotary. He has been a delegate to the Texas High School Press Assn. Convention.

Miss Vaught took her first course in journalism last year. Since then, she has become managing editor of Tom S. Lubbock's Westerner World and has written a Teen Page column for the Lubbock Journal.

She has been president and secretary of her home room and a member of the National Honor Society, Quill and Scroll, Y-Teens, Future Homemakers of America and Junior Red Cross. She has represented LHS in Interscholastic League journalism contests for two years.

Each of the Avalanche-Journal scholarships provides \$150 for the 1959-60 academic year.

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###

Lubbock County Red Cross
Dick Tatum, Public Information Chairman

Applications are now being accepted by the Lubbock County Red Cross Chapter for persons who may qualify for a Social Welfare Aide training program to be offered in September.

The Red Cross will interview applicants who wish to take the course on Thursday (June 11) from 9:30 to 11 a.m., at the chapter house, 1641 Broadway, Mrs. Henry Shine, local ARC Home Service chairman, announced.

Purpose of the Social Welfare Aide Service is to provide assistance in welfare activities by an organized group of trained Red Cross volunteers. The aides work only under the guidance of a welfare service supervisor or in the office to which they are assigned.

Mrs. Shine said duties of social welfare aides vary greatly. They may include interviewing, counseling, and obtaining necessary records and information.

They will be assigned to the Home Service department of the Lubbock County chapter to aid those responsible for providing Red Cross services to armed forces personnel, veterans and their dependents. In times of emergency, aides may be assigned duties connected with the emergency care and rehabilitation of disaster victims.

The welfare aide training course is open to men and women 21 years old or older who are able to volunteer at least four to six hours a week for service to the ARC chapter. They must be willing to observe the service's regulations and assignment directions, and accept the minimum training, plus a 10-hour probationary period before certification. Prior training or experience in working with people and their problems in social welfare field is not essential, but is helpful.

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"Those questions indicate exactly why counselors must be very careful in what they do," Kelley replied. "Such counseling isn't for amateurs to play around with."

Kelley said counselors must use their knowledge of a youngster to talk in general terms about what he may be able to do.

"We can't be dogmatic about anything we point out," he explained. "After all, persons with mediocre talents often go far beyond the expectancy of their abilities because of their desire to excell."

"What we can do is point out the possibilities--what the percentages of success are for a certain person in given fields," he continued.

Kelley said a primary aim is to help a youngster know himself and his abilities a little more specifically than he would if he tried to discover himself--all by himself. "After all most of us have a fairly good idea of our talents without any help. A little more information, presented properly, should help more than it hurts," he said.

Behind the Tech institute is a \$30,000 grant under the National Defense Education Act. It's part of attempt to discover the nation's talented youngsters and encourage them.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Present and Future Academic Events at Texas Tech

DATE	WORKSHOPS, SHORT COURSES
June 1-July 25	Biology Teachers Institute (Biology-Science Bldg.)
June 1-12	Summer Orchestra School (Music Bldg.)
June 2-23	Interior Design Workshop (Home Ec Bldg.)
June 4-July 13	Workshop in Business Education (Ad Bldg.)
June 8-July 18	Chemistry Teachers Institute (Chemistry Bldg.)
June 8-26	Spanish in the Elementary School (Ad Bldg.)
June 15-26	Cotton Ginners' Workshop (Agricultural Engineering)
June 15-July 3	Education Dept: Air Age Workshop (Ad Bldg.)
June 15-19	School Lunch Workshop (Home Ec Bldg.)
June 15-26	Summer Band School (Pre-College) (Music Bldg.)
June 15-26	Techniques of Counseling (Psychology)
June 16-18	Irrigation Workshop (Agricultural Engineering)
June 22-26	School Business Services (Ad Bldg.)
June 29-July 3	Clothing and Textiles: Newer Methods of Garment Construction (Home Ec Bldg.)
June 29-July 14	Food Demonstration Workshop (Home Ec Bldg.)
July 6-10	Application of Newer Techniques of Clothing Construction (Home Ec Bldg.)
July 14-18	Instructor Training in Home Care of the Sick (Home Ec Bldg.)

(More)

2--Academic Events

DATE	WORKSHOPS, SHORT COURSES
July 14-18	Special Problems in Millinery (Home Ec Bldg.)
July 14-31	Workshop in Directing School Speech Activities (Speech Bldg.)
July 17-Aug. 14	Summer Program of German for Children (Ad. Bldg.)
July 20-Aug. 1	Dramatics and Forensics (High School) Workshop (Speech Bldg.)
July 20-31	Practicum in Testing (Psychology)
July 20-24	Special Problems in Personal Development (Home Ec Bldg.)
July 21-Aug. 14	Advanced Pattern Design (Home Ec Bldg.)
Aug. 10-14	High School Newspaper- Yearbook Workshop (Journalism Bldg.)

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: EDUCATION EDITORS

LUBBOCK, June --June is more than a month for brides and weddings, it's also a month for teachers and students to take intensive short courses at Texas Tech.

Hundreds of students, in addition to some 3,000 enrolled summer scholars, are expected on the Tech campus this month and next for a variety of special workshops and short courses.

Already underway are a biology teachers institute, an interior design course, a workshop in business education and a guidance and counseling graduate seminar sponsored by U.S. Department of Health.

Beginning next week is a chemistry teachers institute, slated June 8 to July 18 under a National Science Foundation Grant, and a June 8 to June 26 Spanish language course for elementary school teachers working with Spanish-speaking children.

A two-week cotton ginners' workshop is set for June 15-26 while an irrigation workshop for vocational agriculture teachers is scheduled June 16-17-18 by the Tech agricultural engineering department.

Aviation education in the space age will be considered at Tech's first Air-Age Workshop set to open June 15. It will be climaxed with an air-lift to the U.S. Air Force Academy in Colorado Springs July 3.

Another Tech education department offering will be a School Business Services workshop June 22-26. More than 300 women have been enrolled in the School Lunch Workshop to be offered June 15-19 by the Home Economics School.

(More)

add-1- Tech summer workshops

Five clothing and textiles short courses have been planned by the Home Economics school in June and July. New methods of clothing construction will be taught June 29-July 3 followed by application of new techniques of garment construction July 6-10.

Special problems in millinery will be offered July 14-18 and a special course in personal development is slated July 20-24.

Advanced pattern design will be offered July 21-Aug. 14.

Also offered by the Home Economics school is a food and nutrition workshop June 29-July 14. A home nursing short course is scheduled by the school July 14-18 to qualify women to teach Red Cross home nursing classes and to assist in Civil Defense programs.

For youngsters in the third and fourth grade age group, a summer language program for beginning German will be offered July 17-Aug. 14, under the direction of Herr Theodor Alexander of Tech's foreign language department.

The Tech speech department is scheduling a workshop in directing school speech activities July 14-31. This will be conducted concurrently with the workshop for dramatics and forensics for high school students July 20-Aug. 1. This workshop is open to high school sophomores and juniors.

Tech's journalism department and the West Texas High School Press Assn. will sponsor a high school newspaper and yearbook workshop Aug. 10-14.

The psychology department is offering a practicum in testing for school counselors July 20-31.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, --Two Texas Tech biologists will have important roles in national scientific conferences this summer.

Dr. Donald W. Tinkle will be in Washington, D.C., June 22 to take part in a symposium on research with bats. It will be part of a meeting sponsored by the American Society of Mammalogists.

Dr. R.W. Strandtmann will appear in a symposium on external parasites, scheduled at a National Institutes of Health meeting July 10-11 in Bethesda, Md.

###

LUBBOCK, --Raymond Mack of Texas Tech will represent the Rocky Mountain Council on Latin American Studies at a meeting to form a national council of organizations engaged in such work.

The meeting will be Aug. 26-29 at Sagamore, N.Y., under sponsorship of the American Council of Learned Societies, the Creole Foundation, and Syracuse University.

Mack, an assistant professor of government, has been instrumental in development of the Rocky Mountain Council and is serving his second term as president.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTENTION AG EDITORS

LUBBOCK, --Effects of irrigation--economically and technically--will be explored in a Texas Tech agricultural engineering short course June 16-18.

Starting with general information on water supply, course participants will consider effects of an irrigation economy, determination of water supply, soil and topographic surveys, and selection of crops to be grown.

On the second day, attention will turn to available soil moisture, irrigation cycles, times for irrigation, land preparation and planning sprinkler systems.

The final day will be spent in discussions of pre-plant irrigation, planting dates, growing season irrigation, planting methods and tillage and specialized crops in irrigation.

Asst. Prof. Bill Schwiesow is in charge of the course, which will have at least 13 visiting specialists as lecturers. The Tech agricultural engineering department is sponsoring the workshop, which is primarily for vocational agriculture teachers.

Cooperating in the course are the High Plains Water Conservation District, Soil Conservation Service, Extension Service and Experiment Stations of Texas A&M, Texas Research Foundation, and several private businesses.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, --A \$600 dairy industry scholarship has been established at Texas Tech by the Dallas-Fort Worth Dairy Technology Society.

The grant will provide \$150 for each of four years to a Texas high school graduate who majors in dairy industry at Tech and makes satisfactory progress.

Applicants must be entering freshmen and must be in the upper 25 per cent of their high school graduating class.

July 1 is deadline for applications, which should be made to Dr. J.J. Willingham, Tech dairy industry department head. The winner will be announced about July 15, Dr. Willingham said.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: EDUCATION EDITORS

LUBBOCK, May --Three National Defense Graduate Fellowships to stimulate training of college-level teachers have been accepted by the Texas Tech board of directors.

The three-year fellowships are awarded by the U.S. Commissioner of Education to college and university departments offering expanded programs in doctoral studies.

Three fellowships have been awarded to Tech for students working toward doctorates in English, Dr. William B. Gates, Tech graduate dean, announced.

Each fellowship provides for a \$2,000 stipend the first year of study, \$2,200 stipend the second year, and \$2,400 the final year. A \$400 annual allowance is added for each dependent of the doctoral candidate.

The fellowships awarded Tech are three of 1,000 such grants authorized by the National Defense Act of 1958, Dean Gates said.

He pointed out that the education commission was spreading the doctoral study awards throughout the nation to aid smaller graduate schools. Each institution may qualify for a stipend up to \$2,500 for each doctoral fellow to assist the department in his education.

"Tech's English department's doctoral program is being expanded to include a course in the teaching of college-level English," said Dr. Truman Camp, English department head.

"This course will help a prospective teacher to face some of the problems he or she will encounter when undertaking the instruction of a college class," he added.

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, --Dr. Edward Newlon Jones, Texas Tech's sixth president, has resigned, effective August 31.

Dr. William H. Gordon, the President's physician, declared in a public statement that "Dr. Jones has been followed in my office over the past several years and it has become increasingly evident that the stresses imposed by the duties of his office are having an adverse effect upon his physical state.

"It is my opinion that, if continued, his future health will be jeopardized past all reasonable limits."

Dr. Jones, said "I have been advised that I may have many productive years left if I slow down some for a while. I've decided that's best."

"Slowing down" still will leave time for trips to Dallas Tuesday for a meeting of the Baptist Education Commission, to Washington, D.C. Thursday and Friday for an American Council on Education conference, and for a busy schedule this summer, both on and off campus.

Dr. Jones resignation will cap a productive era in Tech's 34-year history.

Under his leadership, Tech enrollment has increased almost 40 percent. Major academic gains have been made. Nine buildings costing more than \$9.5 million have been built or contracted, and 12 other buildings are on the drawing boards.

When Dr. Jones became president in 1952, Tech had a fall-semester enrollment of 5,160. In 1955, 7,156 registered to make it Texas' second largest state-supported college or university, a position held continually since then.

(More)

2--Dr. Jones

Last fall, enrollment reached 8,768.

Despite climbing enrollments that have drained financial gains, Tech has matured academically during the seven years Dr. Jones has occupied the president's blue-leather, swivel chair.

A doctor of philosophy program in psychology was added to other doctoral programs initiated in 1951 when Dr. Jones was academic vice-president. Master of science degrees were added in civil and mechanical engineering, along with a master of arts in teaching.

Undergraduate programs were added in Latin American studies, horticulture with an entomology option, vocational rehabilitation, and engineering physics.

Arrangements were made for separation of chemistry and chemical engineering and history and sociology into separate departments.

Above all, Tech received assurance of the Texas Commission on Higher Education support for further academic development as conditions warrant.

Tech received national recognition for pacesetting trends in teacher education, especially for its program requiring major work in subject matter as well as in teaching methods.

Pioneering research and outstanding visiting consultants in public school development were assured with the establishment of a West Texas School Study Council, made up of representatives from West Texas school systems.

Service responsibilities to area public schools also were recognized through the creation of a West Texas Audio-Visual Co-op, a central "library" for such aids.

(More)

Establishment of an Air Force ROTC led later to flight training for the cadets. Last year the Air Force Institute of Technology chose Tech as one of the colleges and universities for its officer training program.

Over all, the curriculum was improved through a study of courses to cut out duplication and overlapping. A study defining Tech's role and scope established some concrete goals for the faculty and staff. Tech's six Divisions were given the status of Schools.

Cooperative research with Texas A&M was started early in the Jones administration and has grown considerably. Other cooperative programs initiated have included inter-institutional planning of petroleum sciences training with other southwestern and southern schools. Cooperative degree plans have been arranged with such institutions as Baylor, Abilene Christian, McMurry and Hardin Simmons, which do not have engineering programs.

Scholarship has been encouraged through the inauguration of registration priority on the basis of previous grades. Academic privileges have been insured by the establishment of a tenure program.

Tech's many academic advances under Dr. Jones have helped bring important recognitions.

Chapters have been established for Phi Kappa Phi, ranking national scholastic honorary covering all academic fields, and for Mortar Board, senior women's honorary. Numerous professional honoraries have been installed on campus.

National accreditation has been obtained by the School of Business Administration and by the departments of petroleum engineering, architecture and allied arts, and music. Athletic recognition has come through Southwest Conference membership.

(More)

4--Jones

Aiding this growth has been rapid expansion of the physical plant and facilities.

Since 1952, Tech's skyline has been broadened by McClellan Infirmary, Weeks Hall for women, four new men's dormitories, a new gymnasium and swimming pool, Lubbock Municipal Auditorium-Coliseum and other structures. Well on the way up are a new classroom and office building and a textile engineering building.

On the drawing boards are plans for at least six other major structures, including a new central library, women's gym, and centers for computer and nuclear research.

Most of the facilities for the two centers mentioned already are assured.

The campus bookstore has been modernized and expanded and that is the keynote elsewhere. Expansion of Jones Stadium from 27,000 seats to 40,000 is scheduled by the fall of 1960 and only \$750,000 in seat options need be sold to complete the financing.

Plans are underway to expand the Union building. Numerous other buildings are scheduled for expansion or modernization as the campus plant grows.

Off campus, PanTech Farms near Amarillo have been developed significantly and this very week Tech centers for geoscientific research and art open at Moab, Utah.

Those are some of the major accomplishments under the administration of the tall, kindly 60-year old Kansan who decided early in his life to be an educator, then tackled it in Texas with dedicated zeal.

(More)

5--Dr. Jones

Dr. Jones was born April 15, 1899, in Downs, Kan., and was graduated from Ottawa University, Ottawa, Kan., in 1921. He was a graduate assistant and doctoral fellow in botany at the State University of Iowa from 1921 to 1925, and was granted the Doctor of Philosophy degree there in 1925. He was further honored when the Doctor of Laws degree was conferred upon him by Ottawa University in 1940.

Dr. Jones became head of the department of botany at Baylor University, Waco, in 1925, starting his academic career in Texas. He became head of the department of biology when the two departments, botany and zoology, were combined in 1933. He was Dean of Arts and Sciences at Baylor in 1934, and then Dean of the University from 1939 to 1942.

The tall administrator was made president of the Texas College of Arts and Industries, Kingsville, in 1942 and served in that position until becoming vice president in charge of academic administration at Texas Technological College in 1948. He became the sixth president of Tech on September 1, 1952.

Dr. Jones has been a leader since his undergraduate days. At 20, he was president of the Baptist Young Peoples' Union of Kansas.

During the summers of 1929 and 1930 he was head ranger naturalist in the education division of Yellowstone National Park. He served as president of the Heart O'Texas Council of Boy Scouts in 1941-42.

In 1937-38 he helped organize and was the first chairman of the Texas Council of Church-Related Colleges. He currently is a member of the American Council on Education's Committee on Education and Religion.

(More)

6--Jones

Dr. Jones is a past president of the Texas Academy of Science and the Association of Texas Colleges. He is a member of the Southern Association of Colleges and Universities' Commission on Colleges and Universities, a primary policy group for the accrediting agency.

Other affiliations include membership in the American Association of University Professors, Texas State Teachers Association, American Eugenics Society, American Genetic Association, and the American Association for the Advancement of Science.

He is a member of First Baptist Church, Lubbock, and is an active Rotarian.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Twelve Texas Tech coeds have been awarded summer apprenticeships in home economics teaching under a Sears-Roebuck Foundation grant-in-aid program.

They will serve in 12 high school centers, selected for their outstanding homemaking programs, Dr. Willa Vaughn Tinsley, dean of the Home Economics School at Tech announced.

Tech apprentice teachers will work with high school homemaking teachers in Amarillo, Big Spring, Galena Park, Hereford, Lamesa, Levelland, Lorenzo, Lubbock, Midland, Odessa, Slaton and Roosevelt High School in Lubbock County.

"This is the third year the Sears Foundation has underwritten the apprentice teacher program for training in the summer phase of homemaking programs," Dean Tinsley said. Expenses for the students are paid by the Foundation.

Major aims of the apprentice teacher are to become familiar with responsibilities of homemaking teachers in summer programs, to learn guidance and evaluation techniques, how to work with teenagers and routine management of an effective summer homemaking program.

The apprentices, the places they will serve and those supervising their activities are:

Amarillo -- Virginia Foster, senior home economics major from Bowie, will work with Mrs. Helen Worley, Amarillo homemaking coordinator, and Mrs. Julia Dengler.

Big Spring -- Nelda Kennemer, senior home economics education major from Claude, will work with Mrs. Florence Lenox, Mrs. Sannie Sandlin and Mrs. Fern Alexander, Big Spring homemaking teachers.

(More)

2--apprentice teachers

Galena Park -- Judy Kelley, junior home economics education major from Pasadena, will work with Mrs. Florence Thompson and Miss Gordie Purcell, homemaking teachers in Galena Park high school.

Hereford -- Betty Horn, junior home economics education major from Wolfforth, will work with Mrs. Margaret Durham, Mrs. Dorothea Prowell and Miss Carolyn Reynolds, homemaking teachers in Hereford schools.

Lamesa -- Donna Magee, junior home economics education major from McLean, will work with Mrs. Glenodine Holman, Mrs. Mary K. Phillips and Mrs. Mary Lou Rowland, homemaking teachers in Lamesa schools.

Levelland -- Kathy White, junior home economics education major from Lubbock, will work with Mrs. Beryl Burelsmith, Mrs. Katherine Shepard and Mrs. Dorene Harbin, homemaking teachers in in Levelland schools.

Lorenzo -- Naydine Pair, junior home economics education major from Whitharral will work with Mrs. Barbara Hamilton, homemaking teacher in Lorenzo schools.

Lubbock -- Barbara Cook Law, junior homemaking education major from Lubbock, will work with Miss Gertrude Watson, homemaking coordinator, and Mrs. Annie Margaret Turner, homemaking teacher.

Roosevelt High School, Lubbock County -- Jan Farris, junior home economics education major from DeKalb, will work with Mrs. Pearl S. Parramore, homemaking teacher at Roosevelt High School.

Midland -- Sue Moore, junior home economics education major from Lubbock, will work with Mrs. Olga Banks, coordinator, Miss Mildred Pope, Mildred Cate, Mrs. Frances Ratliff and Lou Ellen Matson, homemaking teachers in Midland schools.

(More)

3--Apprentice teachers

Odessa -- Louise Decker, junior home economics education major from DeLeon, will work with Miss Virginia Tompkins, coordinator, Ann Thomas, Angela Boren, Ruth Owen, Bobbie O'Neal, Mary Harding and Sammie Saulsbury, homemaking teachers in Odessa schools.

Slaton -- Sondra Williams, junior home education major from El Paso,, will work with Mrs. Ima Dora Haile, homemaking teacher for Slaton High School.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LURBROCK, June -- Beta Gamma Sigma, commerce and business administration honorary society, has installed a chapter at Texas Tech.

Dean Clive F. Dunham of the University of Mississippi was principal installing officer and delivered the installation address.

Dunham is a member of the national Beta Gamma Sigma executive committee.

Texas Tech business faculty and students petitioned for and were accepted for membership after the School of Business Administration became a member of the American Assn. of Collegiate Schools of Business.

The University of Texas and Southern Methodist University are the only other institutions in the state with Beta Gamma Sigma chapters, Dr. John R. Ryan, marketing department head, said.

Those initiated include:

Abilene -- Edward D. Hayden (2102 Grape)

Albany -- Melvin E. Andres; James Lee Hooker

Bellaire -- Norman L. Dreyer (4908 Wullard)

Colorado City -- Mary Carolyn Black

Dallas -- Jerry Wayne Neef (2319 Ap. A, Fort Worth Ave.)

Dumas -- Delmo Maurer

Floydada -- Donald E. Smith

Fort Worth -- Carl Wayne Riehn (4205 McCart); Larry E. Short (2413 Michael)

Hobbs, N.M. -- Homer Lee Hughes

(More)

June 1, 1959

Statement for the Press
by W. D. Watkins

It is with deep regret that I make public announcement that President E.N. Jones has, for reasons of health, this day submitted his resignation and that the Board of Directors reluctantly accepts his resignation.

Under President Jones' leadership the College has made significant progress toward our goal of a major institution of higher learning. President Jones had dedicated himself and worked tirelessly and loyally toward this goal, and for this we are grateful to him.

Because of the suddenness of this development, the Board does not have any plans to announce at this time. President Jones' resignation is effective August 31, 1959.

2--Graduate Fellowships

The fellowships will be awarded to outstanding young men or women who have recently finished bachelor's programs. By terms of the national grant, those already in a graduate program are not eligible to apply.

In addition to Tech, other schools in Texas and Oklahoma receiving doctoral fellowship awards are University of Texas, 10 Rice Institute, five; University of Oklahoma, six; Oklahoma State, 15; Texas A & M, 12; University of Houston, four, and Baylor, four.

Gates said the U.S. commission has been emphasizing awards for doctoral study in the humanities and social sciences.

MAILING SCHEDULE FOR ~~June 8-13~~ June 8-13

Day	Name of Story	A	B	C	R	WS	Explanation
Mon.	Biology Teachers Institute	AJ					(50) HT's
	AF ROTC Cadets	AJ					(39) HT's
	Chemistry and Physics Inst.	X					
	Summer Enrollment Record	X	X			X	
Tues.	Summer Enrollment Record	X	X			X	
	Summer Physics Institute	X					(19) HT's
Wed.	Army ROTC Summer Camp	X					(40) HT's
Thurs.	Chrysanthemum Planting	AJ	X				
	Library Workshop	X					(13) HT's
	Cotton Ginners Short Course	AJ	X				<u>Cotton Gin & Oil Mill Press, and Cotton Trade Journal w/photos. Cotton Digest, Acco Co. Op News, Plains Cotton Growers.</u>
	Dr. Hughes/History Dept. Head at South Dakota	X					(5) HT's
	Mary Alice Kenny Res. Fellow	X					(1) HT
Fri	Gifted Under-achievers	AJ	X				
	Mary Ann Sharp-Fellow	AJ	W/Photo				
Sat.	Chemistry Teachers Inst.						(18) HT's
	Chrysanthemum Planting	X	Except	AJ			
	Cotton Ginning Short Course	X	Except	AJ			
	Gifted-Underachievers	X	Except	AJ			
	Mary Ann Sharp--Fellow	X	Except	AJ			W/telops to TV's
	W.B. Rogers-Transportation Ag Eco. Formula.	X	W/Photo	to AJ,			OSU Alumni Magazine U. Of Arizona Alumni.
	Dr. Ray Billingsly to Conf.	X	W/	photo To AJ			
	Air Age Workshop	X		W/photo to AJ,			Telops to TV's

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Seventy biology and general science teachers from Texas, six other states and Puerto Rico are currently enrolled in a special eight-week Institute for High School Biology Teachers at Texas Tech.

The Tech institute is sponsored by the biology department in cooperation with the National Science Foundation, Dr. Earl D. Camp, director, said.

General science and biology teachers enrolled in the institute will earn six-semester hours of graduate credit in the biological sciences. The participants will also take field trips to Las Vegas, N.M., and Xilitla, Mexico.

All of the teachers participating in the institute receive a stipend from the National Science Foundation grant during their two-month stay at Tech. The institute will end July 25.

Participants include:

(MORE)

add-1- Biology Teachers Institute

Laredo--Jack Boudreaux of Martin High School; Robert Lehman of Martin High School.

Lolita--Eldon Edge of Independent Consolidated High School; Jerry McHenry of Industrial Junior High School.

Lubbock--Kathleen Brunson of Lubbock High School; Roy Nichols of Monterey High School; William Voss of Monterey High School.

Mertzton--Otis Smith of Mertzton High School.

Midland--Mrs. Dorothy Bugby (707 Boyd), of Cowden Junior High; Billy Rankin (1007 Midkiff) of Alamo Junior High School.

Pampa--Joseph Wendell Watson of Pampa High School.

Plainview--Mrs. Gladys Whitacre (113 SW 8th St.), of Plainview High School.

Pleasanton--Mrs. Imogene Miles of Pleasanton High School.

Pyote--Nolan Timmons of Pyote Public School.

Rock Island--James Peebles of Eagle Lake High School.

Rocksprings--Elbert McInvale of Rocksprings High School.

Ropesville--Paul N. Brown of Ropes High School.

Roscoe--Charles Saunders of Highland High School.

San Angelo--Doyle Plummer of (101 W. 34th St.), Lakeview Junior High.

San Antonio--Fred Atchley (178 Howle Ave), of South San Antonio High School; Robert Graham (231 W. Norwood), of Luther Burbank High School.

Schulenburg--Robert Knapik of Schulenburg High School.

Seagraves--Harold Phillips of Seagraves High School.

Seminole--Mrs. Dora Price of Seminole High School.

Shallowater--Joseph McCreary of Shallowater High School.

Stinnett--Ernest Johnson of Stinnett High School.

Vega--Lloyd Patterson of Vega High School.

Wichita Falls--Miss Virginia Milner (1002 Baylor, Apt. 5), of Wichita Falls Senior High.

Woodsboro--Robert Lee Baker of Woodsboro High School.

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add-1- Biology Teachers Institute

Altamont, Kan.--Gene Lockard of Labette Co. Community High School.

Akron, Ohio--James Witherow (1276 Ottawa) of Lake High School.

Davis Okla.--Clyde Hardisty of Davis High School.

Geary, Okla.--Virgil Affentranger of Geary High School.

Gem, Kan.--George Patterson of Gem High School.

Marysville, Ohio--Cecil Riser of Marysville High School.

Oklahoma City, Okla.--Frankie Frow (2517 Cashion Pl.); of Central Junior and Senior High School. Mr. Donald Hess (1245 S.W. 33rd), U.S. Grant High School.

Red Lion, Penn.--Eugene Shoemaker of Red Lion Area High School.

Russellville, Ark.--Miss Evalyn King of Russellville Junior High.

San Jon, N.M.--Arthur Childs of San Jon Municipal Schools.

Texico, N.M.--Eugene Hanks, Jr. of Texico High School.

Yauco, Puerto Rico--Miss Zaida Irizarri of Santiaso Nesroni High School.

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add-1- Biology Teachers Institute

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Yauco, Puerto Rico--Miss Zaida Irizarri of Santiaso Nesroni High School.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June -- Forty-seven Air Force ROTC cadets from Texas Tech will attend four-week summer training camps at four Air Force bases in June, July and August.

Lt. Col. N.B. Wilkerson, AF ROTC unit commander at Tech, said cadets attending the summer encampments receive orientation training in all phases of air base operations, as well as being taken on flights in various military aircraft.

Those attending the summer camps at the following bases include:

LUKE AFB, Ariz., June 14 to July 11:

Denver City--William D. Scott

El Paso--Robert W. Andres (7932 San Jose Rd.); Philip C. Reynolds (8360 Glen Haven Rd.)

Levelland--Jerald R. Bell

Lubbock--Jimmie D. Auten; Virgil A. Buck

Maryneal--Tommie G. Daniel

Odessa--Roger G. Sewell (1613 E 36th)

LUKE AFB, Ariz., Aug. 2 to Aug. 29

Alamogordo, N.M.--Chris W. Clark

Crosbyton--Harry Van Horn, Jr.

Enochs--Don R. Blanton

Hitchcock--Philip H. Laird

Houston--Charles J. Ward (7131 Keller)

Lampasas--Gayland E. Daugherty

Littlefield--Billy H. Brandt

Lubbock--William E. Hogan

McGregor--Jerry D. Hering

Pecos--Bobby G. Scott

San Antonio--Todd E. Henson (207 W White Ave.)

Sherman--William K. Taylor III

Silverton--James K. Whitfield ###

2--AF ROTC Cadets

NELLIS AFB, Ariz., June 14 to July 11:

Amarillo--Clarence N. Cochran (2047 Hayden)

Baird--Edward A. Hagan

Carthage--Earnest L. Coleman

Houston--Walter J. Bell, Jr. (526 W 34th)

Fort Worth--Byron E. Miller (5304 Fossil Dr.)

Lubbock--Gordon A. Graves; Harold L. Womack; Glenn D. Woody

Midland--Keith L. Nutt (2505 Brunson)

Mineola--Claude E. Rogers

Pampa--James L. Parrish

San Antonio--Richard M. Steede (227 E Whittier)

Tulia--Robert B. Dyer

Tulsa, Okla.--Clifford W. Fieszel (129 S 94 E Ave.)

Waco--Vano T. Wilson (3321 No. 27)

Wichita Falls--John G. Guntharp (3706 Cumberland); Howard L. Hallmark (2004 Grant)

GEORGE AFB, Calif., June 14 to July 11:

Lovington, N.M.--David L. Lee

HAMILTON AFB, Calif., Aug. 2 to Aug. 29

Carlsbad, N.M.--George L. Vaughn

El Paso--Thomas S. Boone (600 Alethea Park Rd.)

Marathon--Stephen L. Stumberg

Midland--Randall C. Webb (4020 Roosevelt); Jack N. Whitmire (Star Rt. A, Box 8)

Pecos--John K. Cobb

Stinnett--Wallace E. Parsons

Wichita Falls--George B. McElroy III (1611 Garfield)

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Science students--both teenaged and graduate-level--began serious study of chemistry and physics at Texas Tech Monday with the opening of two more institutes.

Twenty-six high school students are attending the special Summer Physics program being sponsored at Tech under a National Science Foundation grant.

They registered Monday for the five-week study program designed for top high school students with ability to take college-level instruction in physics.

Also opening Monday was Chemistry Teachers Institute for 71 secondary-school science teachers from throughout the United States. Sponsored by the National Science Foundation and Tech, the program's aim is to help high school science teachers improve the quality of secondary science teaching by providing them an opportunity to do graduate work.

A special Institute for High School Biology Teachers opened last week and will continue through July 25.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --An all-time high in summer enrollment was set at Texas Tech Monday when 3,407 students completed registration for the first six-week's summer session.

The new summer enrollment figure exceeds by 358 the previous record summer enrollment set in 1957 when 3,049 attended the first session of summer school, Dr. Floyd Boze, dean of admissions and registrar at Tech, announced.

He attributed the record figure to the large number of special workshops, institutes and diversity of summer courses available at Tech that have served to increase interest in summer study.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBROCK, June -- Texas Tech is experiencing its largest summer enrollment and largest number of graduate students in its 34-year history with 3,580 students registered for the first term of summer school, Tech officials have announced.

Dr. Floyd Boze, dean of admissions and registrar, pointed to three special institutes and Tech variety of summer workshops as the reason for the record enrollment. The previous high figure was 3,049 set in the 1957 summer session.

Dr. W.B. Gates, dean of the graduate school, said enrollment in Tech's Graduate School is currently 730-- the largest number on record.

Boosting the graduate program this summer are three institutes in session at Tech under National Science Foundation sponsorship. A special chemistry institute for high school science teachers has 71 enrolled, while 70 other secondary teachers are enrolled in a biology institute.

Thirty high school counselors are also studying in a special guidance and counseling institute being directed by Tech psychology faculty.

###

LUBBOCK, June --Twenty-six youngsters with outstanding ability in science are participating in the 1959 Summer Physics program for high school students at Texas Tech.

J.W. Day, Tech associate professor of physics, said the special program is being held on the Tech campus from June 8 to July 11 under a \$5,000 National Science Foundation grant.

"This program is designed for top high school scholars to receive college-level instruction in physics," said Day, director of the project. In addition to regular classroom and lab assignments, the course is featuring special lecturers and a field trip to research labs.

High school students participating in the Texas Tech physics program include:

Abilene -- Betty Lynn Archer (302 Riverside Blvd.) of Abilene High School; Howard Glen Weekley (734 E.N. 15th) of Abilene High School.

Arlington -- William Howard Seward (1125 W. Inwood Dr.) of Arlington High School.

Austin -- Kilian Walter Fehr (5102 Ridge Oak Dr.) of McCallum High School; Frederick John Kluth (4918 Westview) of McCallum High School; Lewis Forsythe Pennock (3810 Ave. G) of McCallum High School; Jeffrey Warren Roberts (3015 W. Ave.) of Stephen F. Austin High School.

Beaumont -- Joe Fisher III (5140 Chambers Dr.) of South Park High School.

Bryan -- Julia Helen McCune of Uvalde High School.

(MORE)

Corpus Christi -- Donald Truett Phillips (1206 Tyler) of W.B. Ray High School; Larry Rayner Russell (3914 Naples) of W.B. Ray High School; John Clinton Webber (353 Dolphin) of W.B. Ray High School.

Dallas -- Christopher Binder Whorton (3615 Greenbriar) of Highland Park High School.

Del Rio -- Byron W. Hodge of Del Rio High School

El Paso -- Dan Jerry Ramsdale (7613 Parkland Dr.) of Burgess Senior High School.

Hereford -- Gene Meacham of Hereford High School.

Lake Jackson -- Eddie Michael Greenawalt of Brazesport Senior High School.

Lubbock -- Rand Terrell Frederiksen of Monterey Senior High School; Clayton Stewart of Tom S. Lubbock Senior High School

Mertzon -- Joe William Shaw, Jr. of Mertzon High School

McAllen -- Arthur Edwin Neill of McAllen High School

Nederland -- Richard T. Murray of Nederland High School; Robert W. Olson of Nederland High School.

Pampa -- Joe Dan Bourland (1015 Fisher) of Pampa Senior High School.

Uvalde -- James Russell Winn (231 Minter) of Uvalde High School.

Victoria -- Jon H. Bryson (906 E. Lawndale) of Victoria High School.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBROCK, June --Sixty Army ROTC cadets from Texas Tech will report to Fort Hood, Tex., June 20 for six weeks of summer training, Col. James B. Carvey, professor of military science and tactics at Tech, announced.

The cadets, all of whom have completed three-years of reserve officer training at Tech, will apply the military knowledge learned in the classrooms under simulated combat conditions at Fort Hood.

Texas Tech cadets scheduled to train at Fort Hood from June 20 to July 31 include:

(MORE)

2--Army ROTC Summer Training

Alpine--Terry D. Beckett.

Amarillo--Andrew Aboytes (Rt. 3, Box 595).

Andrews--John A. Hardaway.

Burkburnett--Gary L. McDonnell.

Canyon--Arvle E. Marshall.

Corpus Christi--Jo W. Bird (650 Sorrell).

Dallas--Robert C. Hood (5200 Monticello); James E. McCluer. (1195-B Bally Mote Dr.).

Denison--Owen M. Akers.

Denver City--Billy F. Brown.

El Paso--Norman R. Loose Jr. (4601 Trowbridge).

Fort Worth--Aubrey D. Adair (3921 E. Rosedale); James E. Brown (2721 Tracyne); Samuel M. Burns (Rt. 9, Box 195); Ralph C. Eubank, Jr. (606 Essex); Basil T. Gilmore (3736 Reagan); Cary P. Harrison (2525 Ryan Pl.).

Godley--Billy F. Caddell.

Grand Prairie--Cornelius A. Allen.

Gruver--Robert G. Cox.

Hereford--Norman B. Bookout.

Houston--Roy E. Mason (7710 Park Pl. Blvd.); Michael R. Rodman (5923 Ridgeway).

Lubbock--Marvin C. Armstrong, Jr.; Gordon M. Deering, Jr.; James R. Hancock; Neil R. McMullen; Ian K. McQuary; Don E. Meador; Morris R. Scales; Reginald B. Smith.

McLean--Byrd W. Duncan; Don D. Godfrey.

Midland--Clarence M. Chase, Jr.; (111 So.M.); Robert A. St.Clair (910 W. Tennessee).

Mineola--Gary F. Mims.

Moran--Harry W. Jones.

Muleshoe--Jesse L. Range.

Mullin--Joe H. Reeves.

Odessa--Larry L. Melton.

~~###~~

3--Army ROTC Summer Training

Pampa--Bernard B. Johnson.

San Antonio--John A. Bitter, III ; (203 Bushnell).

San Saba--Bobby B. Coleman.

Seminole--Chester T. Oliver.

Shallowater--Jimmy D. McAuley.

Sherman--William L. Hamilton.

Sundown--Rodolfo Gonzales Dominguez.

Texarkana--John F. Henry.

Waco--Roger D. Crawford (2313 Morrow).

Welch--Benny W. Mitchell.

Wichita Falls--Clifford R. Harper; Charles T. Robb.

###

Department of public information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June -- Fourteen West Texas librarians are attending the fourth annual library workshop this week, (June 8-12), at Texas Tech. Conducting the library workshop are R.C. Janeway, director, of the Tech library, and Miss Jo Battle, instructor, of the Nevada State library.

Emphasis this year has been on library management which has included library routines, public relations, Texas library laws, organization and duties of library boards, and other administration necessary to giving good public library service.

Those attending are:

Andrews--Mrs. Russell Austin of the Andrews County Library
Colorado City--Mrs. Boyd Dozier of the Federation Library
Dimmitt--Mrs. Gladys Leeth of the Dimmitt High School Library
Dumas--Mrs. Mildred Perdue of the Moore County Library
Kermit--Mrs. Rose Legrande of the Winkler County Library
Levelland--Mrs. J.M. Blakley of the Hockley County Library
McLean--Mrs. Guy Hester of the Lovett Memorial Library
Plains--Mrs. Bernice Bartlett of the Yoakum County Library;
Mrs. Susie Heath of the Yoakum County Library
Ralls--Mrs. Chesley Dozier of the Ralls High School Library
Snyder--Mrs. Mary Nell Smith of the Scurry County Library
Stratford--Mrs. Jessie K. Hodges of the Sherman County Library
Sweetwater--Mrs. John Pepper of the County-City Library
Vernon--Mrs. Laurence O. Miller of the Wilbarger County Library

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Dr. William J. Hughes, Texas Tech history instructor, has been named head of the department of history at Dakota Wesleyan University, Mitchell, S.D.

Dr. and Mrs. Hughes and their daughter, Kitty, a former student of Monterey High School, will move to Mitchell in August.

A native of Macomb, Ill., Hughes completed his public school education at Ft. Morgan, Colo., and received his bachelor's degree at the University of Colorado. He took the master's degree at Western Illinois University, and in 1958 received the Ph.D. degree in history at Texas Tech.

Hughes has been a teaching fellow in history and instructor in history for nine years at Tech.

###

LUBBOCK, June --Mary Alice Kenny, a 1958 home economics graduate of Texas Tech from Slaton, has been awarded a \$1,650 National Science Foundation graduate fellowship to do research at Iowa State College, Ames, Ia.

Miss Kenny was a research assistant last year at Iowa State while working toward a M.S. degree in nutrition. She will continue as a part-time research assistant in the 1959-60 academic year while completing her degree requirements.

###

ATTN: GARDEN EDITORS

LUBBOCK, June -- Now's the time for the division and planting of chrysanthemums to make yards and gardens brighter in the fall, a Texas Tech horticulturist advises.

Ed Zukauckas, assistant professor of horticulture at Tech, reminds gardeners that purchased seedlings or divided mums may be set out from June 10 to almost the end of July with success.

"Planting now," he said, "will give the average South Plains homeowner and gardener an opportunity to have mums ready to enter in Tech's Fall Horticultural Festival slated Oct. 17-18."

Many of the better Tech-tested mum varieties are now available at Lubbock plant dealers, he added.

Based on the large number of inquiries about varieties seen last year in the Tech trial beds, Zukauckas predicts a great number of gardeners will be planting mums this summer. Undivided chrysanthemum plants should have been cut back at least once by this time, he said.

Mums in the chrysanthemum trial gardens this year will be from divisions planted in the next week. Cuttings are slated for planting later this month.

"This year the Tech mum trial beds will have approximately 150 previously untested varieties. These have been added to the 40 to 50 more outstanding varieties grown in past years," the horticulturist said.

He said the trial area has been enlarged and changed so the plants will be in more typical, garden-like, beds.

New varieties of petunias, to be introduced next year, are being planted in the area between the green house wings. Interested gardeners are invited to visit the trial areas.

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Department of Public Information
Texas Technological College
Adraan Vaughan, Director

ATTN: FARM EDITORS

FOR SUNDAY

LUBBOCK, June --All phases of cotton gin mechanical and management problems will be studied by South Plains ginners attending a special short course at Texas Tech June 15-26.

Some 20 cotton gin personnel are expected for the two-week workshop sponsored by the Texas Tech agricultural engineering department.

Backing the Tech short course are nine gin machinery and supply companies that have contributed or made a loan of equipment valued at approximately \$50,000, Joe Jones, Tech gin engineering instructor, said.

They include Hardwicke-Etter Gin Co., Continental Gin Co., The Murray Co. of Texas, Lummus Cotton Gin Co., John E. Mitchell Co., Anderson Bigham Sheet Metal Works, Bigham Gin Supply Co., Lubbock Electric Co. and Southwestern Public Service. The equipment will also be used by Tech gin engineering classes next year.

Lectures by authorities in management, agriculture and gin mechanics will be held each morning during the short course. Afternoon sessions will be devoted to training sessions by ginning equipment manufacturers and tours of cotton gins in the Lubbock area.

Roy Forkner, Lubbock ginner and past president of the Texas Ginners' Assn., will open the workshop at 9 a.m. Monday (June 15). On the day's lecture schedule are C.B. Spencer, agriculture director of Texas Cottonseed Crushers Assn., Dallas and Alf Pendleton, U.S. Department of Agriculture ginning specialist from Dallas. Continental Gin Co. will sponsor a training session in the afternoon.

(More)

add-1- ginner's workshop

Others slated for lectures during the two-week course are: Fred Elliott, Agricultural Extension cotton specialist, College Station, L.E. Parson, Tech textile engineering department, Bill Powers, Tech textile engineering, Charles M. Merkel, U.S.D.A. ginning laboratory, Stoneville, Miss., Dr. F.L. Mize, Tech management department head.

Also, Jack Towery, Moss-Gordin Lint Cleaner Co., Raymond K. Flege and Roy Whitt, Tech textile engineering department, Clarence Leonard, U.S.D.A. physicist at Mesilla Park, N.M., Sam Jackson, Lubbock manufacturer, V.L. Stedronsky, U.S.D.A. ginning lab, Mesilla Park, N.M., Al Hopson of the John E. Mitchell Co., Dallas, and Hoyle Moss, Moss-Gordin Co. of Lubbock.

Also, Roger Owens, Southwestern Public Service of Amarillo, Bill Bonney, General Electric gin engineer, Roy L. James of Southwestern Public Service of Lubbock, Verlon Bigham of Bigham Gin Supply of Lubbock, E.S. Bartmess, Lab Quip Co. of Shreveport, La., Wayne Jennings, Power Sales engineer for Southwestern Public Service, Paul Bush, Lubbock Electric Co., Jack Brown of M.B. McKee Co., Lubbock, Dr. Richard A. Dudek, Tech industrial engineering department head,

Also, W.L. Jenkins, Tech industrial engineering department, Aubrey J. Connally, of Employers Casualty Co., Lubbock; Vernon Moore of the National Council, Memphis, Tenn.; Jack Howell of Western Cotton Oil Co. of Lubbock, Wilmer Smith, New Home ginner, and Dr. Gerald Thomas, Tech agriculture school dean.

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Department of public information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Science teachers from high schools throughout the state and nation are participating in a Chemistry Teachers Institute at Texas Tech.

Directed by Dr. Wesley W. Wendlandt, Texas Tech research chemist, the institute is sponsored by Tech and the National Science Foundation and will end July 18.

The program is designed to help high school science teachers get additional education in chemistry and to improve the quality of science teaching in secondary schools, Wendlandt said. Their living expenses are paid during the institute.

The teachers will earn six-credit hours in chemistry at Tech. The institute will include lectures each morning by leaders in each of the fields of inorganic, organic, analytical, nuclear and bio-chemistry and afternoon lab sessions.

Teachers participating in the Tech chemistry institute include:

(MORE)

2--Chemistry teachers institute

Alice--Edward L. Bowden, Jr., William Adams High School science teacher. A graduate of the University of Texas, he teaches biology and chemistry.

Arlington--James W. West (1209 W. 2nd), North Side High School band director. A graduate of Texas Wesleyan, he teaches junior high and senior high band.

Bryan--C.J. Bristol, Allen Military Academy teacher. A graduate of Texas A&I, he teaches chemistry.

Ivan T. Collier, Garland High School chemistry teacher. A graduate of Baylor University and the University of Houston, he teaches chemistry.

Gaylon R. Prince, Allen Military Academy science teacher. A graduate of Oklahoma State University, he teaches biology and chemistry.

Bucyrus, Ohio--Mrs. Gladys Lowe Amos, Tiro High School teacher. A graduate of Coe College, she teaches junior high math, junior high science, geometry, and physics.

Cadillac, Mich.--Orville McKay (325 Howard), Manton Consolidated High School teacher. A graduate of Michigan State University, he teaches American government, general science, chemistry, and mental health.

Cuero--Edward L. Harberson, Cuero Senior High School teacher. A graduate of North Texas State College and Sul Ross State College, he teaches biology and chemistry.

England, Ark.--Tom S. Ellis, Sylvan Hills High School teacher. He teaches physics, chemistry, junior high and senior high math.

Flatonina--James W. Bowman, Flatonina High School science teacher. A graduate of the University of Texas, he teaches general science, biology, chemistry, and is part-time principal and science advisor for elementary school. ###

Florence--James D. Lewis, Florence High School science teacher. A graduate of Southwestern University, he teaches general science, general math, physics, and chemistry.

Haskell--James M. Raughton, Paint Creek High School science teacher. A graduate of Texas A&M, he teaches biology, chemistry, grade school physical education, American history.

Merrill, Wis.--Marshall Goodspeed, Merrill Senior High School science teacher. A graduate of River Falls State College and the University of Wisconsin, he teaches physics and chemistry.

James Dean Clark, Merrill Junior High School science teacher. A graduate of Wisconsin State College, he teaches general science and biology.

Opp, Ala.--Thomas A. Walls, Opp High School science teacher. A graduate of Jacksonville State College, he teaches science.

Post--William R. Bennett, Post Junior High School science teacher. A graduate of Pasadena College, he teaches junior high science and social studies.

Richmond--George Alexander Clark, Needville High School science teacher. A graduate of Ohio State University, he teaches general science and chemistry.

San Angelo--William P. Grisham (523 W. Ave. D), Central High School science teacher. A graduate of Auburn Poly. Institute, he teaches chemistry and physical science.

Scribner, Neb.--Jerry D. Skoog, Scribner High School science teacher. A graduate of the University of Nebraska, he teaches chemistry, biology, and general science.

Winfield, Kan.--Nelson W. Dutton, Winfield High School science supervisor. A graduate of Northwestern State and Oklahoma State University, he teaches chemistry and physics.

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --"Gifted under-achievers." Are you one?

Is your child one?

More than half of the mentally-top five per cent of the nation -- children and adult, alike -- are working below their ability, Dr. Merle Ohlsen, University of Chicago educational psychology professor, said at Texas Tech.

As a chief lecturer at a special counseling and guidance institute directed by Texas Tech psychology department under a National Science Foundation Grant, Ohlsen is working with 30 West Texas high school counselors.

His research with junior and senior high school youth has helped pin point a national problem, that of finding and identifying talented and gifted youngsters who are needed as tomorrow's scientists, artists and business leaders.

"Today there is a definite shortage of college educated personnel entering the professions and there'll continue to be due to the low birth-rate in the 1930's and early 1940's" he pointed out. "Because of low birth rates, we are now faced with future shortage of talented persons in industry and other fields."

"We must be concerned about this," he asserted, "for it involves the survival of our country and society!"

This has spotlighted the need for educators to find, encourage and utilize persons who have the ability to do work requiring their full talents.

Yet, half the youngsters in the mentally-top five per cent are functioning at "C-level or below" grades when they should be earning straight A's or better, Ohlsen said.

(More)

2--Gifted under-achievers

Studies of teenaged under-achievers in metropolitan areas of the midwest show that many of them are hostile and anti-social, without close relationships with the persons they are associated, he said.

Ohlsen said that they found that the larger number of under-achievers are boys.

"In fact, we had to take girls with lower mental test scores just to get at least two girls in each group of eight under-achievers included in the study," he commented.

"Our estimate is that three or four boys for every girl are under-achievers because they refuse to do what the teacher expects. Consequently they get poor grades.

"There's no real difference in intelligence," he added, "it's just that girls tend to be much better conformers in our society."

The problem educators and counselors face is getting these gifted under-achievers motivated to accomplish more for themselves.

"You can't just talk to them and change them," he explained. "In fact, it is common for under-achievers to be called out by parents and teachers and 'chewed out.' This makes them worse, not better. You cannot nag under-achievers into doing better."

He said such persons first must believe in themselves, realize they are gifted and then define for themselves definite goals.

"Most of these kids have been pushed toward goals their parents or teachers have defined for them. They won't work for those goals, they must have goals of their own," Ohlsen said.

"In motivating under-achievers to make the most of their ability, we are conserving human resources in a time when our society is being challenged by outside forces. To meet that challenge, we must develop every person to his top capacity," he said.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June -- Bacteria and viruses may make some people sick, but not Mary Ann Sharp, a 1959 Texas Tech graduate, who has received a \$3,100 research fellowship at Southwest Medical School in Dallas.

Miss Sharp will be assisting Dr. S. Edward Sulkin, bacteriologist and virologist, in his research while working toward her M.S. degree in bacteriology. Her study will begin in September.

At present Miss Sharp, daughter of Mr. and Mrs. W.T. Sharp, 4904 24th, Lubbock, is enrolled in a graduate bacteriology course at Tech.

She is working with 10 different internal bacteria. Learning how to tell them apart is accomplished by growing them in cultures because they look the same under a microscope, she said.

While at Tech, Miss Sharp was a member of Alpha Lambda Delta, scholastic honorary for freshman women; Alpha Epsilon Delta, pre-medicine honorary fraternity; president of the Biology Club; and scholarship chairman of Gamma Phi Beta, social sorority.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Transportation studies by Dr. Walter B. Rogers, agricultural economics instructor at Texas Tech, has resulted in a formula that will aid trucking firms determine operating efficiencies on various road beds.

Rogers, who received his Ph.D. degree at Oklahoma State University in May, developed the formula as part of his doctoral thesis on bulk milk transportation charges in the Oklahoma City area.

The formula provides for determining per-mile transportation costs for trucks operating on nine different classifications of roads. With some minor revisions, the formula has been found useful in other businesses where machinery is used to transport material from one place to another, Rogers said.

One immediate result of his bulk milk transportation study in Oklahoma was an immediate change in the haul-rate charge by Central Oklahoma Milk Producers Assn. It changed from a flat 25-cent per-hundred-weight charge to an air mile zone system.

A native of Lubbock County, Rogers earned his B.S. degree in agricultural economics in 1951 at Tech and a M.S. degree in the same field at the University of Arizona.

After a four-year tour in the Air Force as a statistical services technician, Rogers taught at New Mexico State College in 1954-55, attended O.S.U. for two years, then taught at Western Illinois University in 1957-58 before joining the Tech faculty last fall.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Dr. Ray Billingsley, assistant professor of agricultural economics, is one of 30 economics teachers in the nation to be invited to the Wabash College Conference on Economics and Freedom in Indiana, June 18-25.

The two-week seminar will be conducted by three internationally noted economists, Prof. Jacob Viner, Princeton University, Prof. Bruno Leoni, University of Tavia, Italy, and Prof. Milton Friedman, University of Chicago.

###

What the air and space age holds for American youth will be studied at a special Air Age Workshop that opens Monday (June 15) at Texas Tech.

Dr. Carey Southall, workshop director, said the three-week course will be climaxed with an airlift of some 20 participants to the Air Force Academy July 3. The flight to Colorado Springs, Colo., has been arranged by the Civil Air Patrol.

Space engineering, medical needs for space flight, private and commercial aviation needs and aviation industry will be some of the topics covered in the program.

Tours of Reese AFB, the Weather Bureau and Municipal Air Station are also slated during the workshop.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTENTION MUSIC EDITORS

LURBROCK --An \$1,800 endowment for a music scholarship at Texas Tech has been established by Mr. and Mrs. Raymond P. Elliott.

The grant will honor the donors' mothers, Mrs. Annie E. Elliott and Mrs. Orominor Sidenfaden. Additions to the endowment fund will be made by the Elliotts from time to time.

Elliott is an associate professor of music at Tech.

The earnings will provide a scholarship for an outstanding junior or senior majoring in music at Tech.

"The gift, although small, results from a systematic saving over a period of years," Elliott said. "We will continue to make additions to the fund each month, barring ill fortune.

"It is our way of expressing love and appreciation to our mothers--a way of expressing gratitude for a passing generation and faith in future generations."

Elliott said that he thinks the Texas Tech Foundation can be immeasurably extended by gifts from people in ordinary circumstances through systematic savings.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

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Tours of Reese AFB, the Weather Bureau and Municipal Air Station are also slated during the workshop.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Seventy biology and general science teachers from Texas, six other states and Puerto Rico are currently enrolled in a special eight-week Institute for High School Biology Teachers at Texas Tech.

The Tech institute is sponsored by the biology department in cooperation with the National Science Foundation, Dr. Earl D. Camp, director, said.

General science and biology teachers enrolled in the institute will earn six-semester hours of graduate credit in the biological sciences. The participants will also take field trips to Las Vegas, N.M., and Xilitla, Mexico.

All of the teachers participating in the institute receive a stipend from the National Science Foundation grant during their two-month stay at Tech. The institute will end July 25.

Participants include:

(MORE) #

add-1- Biology Teachers Institute

Laredo--Jack Boudreaux of Martin High School; Robert Lehman of Martin High School.

Lolita--Eldon Edge of Independent Consolidated High School; Jerry McHenry of Industrial Junior High School.

Lubbock--Kathleen Brunson of Lubbock High School; Roy Nichols of Monterey High School; William Voss of Monterey High School.

Mertzson--Otis Smith of Mertzson High School.

Midland--Mrs. Dorothy Bugby (707 Boyd), of Cowden Junior High; Billy Rankin (1007 Midkiff) of Alamo Junior High School.

Pampa--Joseph Wendell Watson of Pampa High School.

Plainview--Mrs. Gladys Whitacre (113 SW 8th St.), of Plainview High School.

Pleasanton--Mrs. Imogene Miles of Pleasanton High School.

Pyote--Nolan Timmons of Pyote Public School.

Rock Island--James Peebles of Eagle Lake High School.

Rocksprings--Elbert McInvale of Rocksprings High School.

Ropesville--Paul N. Brown of Ropes High School.

Roscoe--Charles Saunders of Highland High School.

San Angelo--Doyle Plummer of (101 W. 34th St.), Lakeview Junior High.

San Antonio--Fred Atchley (178 Howle Ave), of South San Antonio High School; Robert Graham (231 W. Norwood), of Luther Burbank High School.

Schulenburg--Robert Knapik of Schulenburg High School.

Seagraves--Harold Phillips of Seagraves High School.

Seminole--Mrs. Dora Price of Seminole High School.

Shallowater--Joseph McCreary of Shallowater High School.

Stinnett--Ernest Johnson of Stinnett High School.

Vega--Lloyd Patterson of Vega High School.

Wichita Falls--Miss Virginia Milner (1002 Baylor, Apt. 5), of Wichita Falls Senior High.

Woodsboro--Robert Lee Baker of Woodsboro High School.

###

add-1-Biology Teachers Institute

Participants include:

- Abilene--Thomas Lawrence (1301 Buccaneer Dr.) of Hawley High School.
- Andrews--Brodie Hutchinson of Andrews High School.
- Austin--Donald Woodard (3205 LaFayette) of Concordia College & High School.
- Bay City--Stephen Gregg of Bay City High School.
- Beaumont--Edward Smallwood (4220 Treadway), of Beaumont High School.
- Big Spring--Doyle Sparks of Runnels Junior High.
- Brownfield--Morris Farrow of Brownfield High School.
- Bula--Gerald Thompson of Pep High School.
- Burnett--Clint Low, Jr. of Burnett High School.
- Canadian--Charles Lansdown--of Canadian Senior High School.
- Canyon--John W. Howle of Canyon Junior High.
- Carlton--Jake Alford Barron of Carlton High School.
- Corpus Christi--Don Sorenson (3105 Westgard), of W.B. Ray High School.
- Crane--William F. Hannon of Crane Junior High.
- Dalhart--Royal Banner of Dalhart High School.
- Deer Park--James O'Banion of Deer Park High School.
- Dickinson--Francis Phillips of Dickinson Junior High School.
- Dimmitt--Tommy Keener of Dimmitt High School.
- El Paso--Ivan Wayne Greenshaw (8564 Alameda Ave), of Ysleta High School; Mrs. Lou Ann Jakeman (6347 Normandy), of Ysleta High School; Bob Lawrence (3117 Porter) of El Paso Technical High School.
- Enochs--Ralph A. George of Bula High School.
- Goliad--George Webb of Goliad High School.
- Greggton--Chapple Dowell of Spring Hill High School.
- Haskell--Hubert Ira Bell of Haskell High School.
- Houston--Toley W. Hart (8914 Laura Koppe), of M.B. Smiley High School; James Lewis (506 Medina St.), of Sam Houston High School.
- Idalou--Claude Spears of Idalou Rural High School.

add-1- Biology Teachers Institute

Altamont, Kan.--Gene Lockard of Labette Co. Community High School.

Akron, Ohio--James Witherow (1276 Ottawa) of Lake High School.

Davis Okla.--Clyde Hardisty of Davis High School.

Geary, Okla.--Virgil Affentranger of Geary High School.

Gem, Kan.--George Patterson of Gem High School.

Marysville, Ohio--Cecil Riser of Marysville High School.

Oklahoma City, Okla.--Frankie Frow (2517 Cashion Pl.); of Central Junior and Senior High School. Mr. Donald Hess (1245 S.W. 33rd).
U.S. Grant High School.

Red Lion, Penn.--Eugene Shoemaker of Red Lion Area High School.

Russellville, Ark.--Miss Evalyn King of Russellville Junior High.

San Jon, N.M.--Arthur Childs of San Jon Municipal Schools.

Texico, N.M.--Eugene Hanks, Jr. of Texico High School.

Yauco, Puerto Rico--Miss Zaida Irizarri of Santiaso Nesroni High School.

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LUKE AFB, Ariz., June 14 to July 11:

Denver City--William D. Scott

El Paso--Robert W. Andres (7932 San Jose Rd.); Philip (Reynolds (8360 Glen Haven Rd.)

Levelland--Jerald R. Bell

Lubbock--Jimmie D. Auten; Virgil A. Buck

Maryneal--Tommie G. Daniel

Odessa--Roger G. Sewell (1613 E 36th)

LUKE AFB, Ariz., Aug. 2 to Aug. 29

Alamogordo, N.M.--Chris W. Clark

Crosbyton--Harry Van Horn, Jr.

Enochs--Don R. Blanton

Hitchcock--Philip H. Laird

Houston--Charles J. Ward (7131 Keller)

Lampasas--Gayland E. Daugherty

Littlefield--Billy H. Brandt

Lubbock--William E. Hogan

McGregor--Jerry D. Hering

Pecos--Bobby G. Scott

San Antonio--Todd E. Henson (207 W White Ave.)

Sherman--William K. Taylor III

Silverton--James K. Whitfield ###

2--AF ROTC Cadets

NELLIS AFB, Ariz., June 14 to July 11:

Amarillo--Clarence N. Cochran (2047 Hayden)

Baird--Edward A. Hagan

Carthage--Earnest L. Coleman

Houston--Walter J. Bell, Jr. (526 W 34th)

Fort Worth--Byron E. Filler (5304 Fossil Dr.)

Lubbock--Gordon A. Graves; Harold L. Womack; Glenn D. Woody

Midland--Keith L. Nutt (2505 Brunson)

Mineola--Claude E. Rogers

Pampa--James L. Parrish

San Antonio--Richard M. Steede (227 E Whittier)

Tulia--Robert B. Dyer

Tulsa, Okla.--Clifford W. Fieszal (129 S 94 E Ave.)

Waco--Vano T. Wilson (3321 No. 27)

Wichita Falls--John G. Guntharp (3706 Cumberland); Howard L. Hallmark (2004 Grant)

GEORGE AFB, Calif., June 14 to July 11:

Lovington, N.M.--David L. Lee

HAMILTON AFB, Calif., Aug. 2 to Aug. 29

Carlsbad, N.M.--George L. Vaughn

El Paso--Thomas S. Boone (600 Alethea Park Rd.)

Marathon--Stephen L. Stumberg

Midland--Randall C. Webb (4020 Roosevelt); Jack N. Whitmire (Star Rt. A, Box 8)

Pecos--John K. Cobb

Stinnett--Wallace E. Parsons

Wichita Falls--George B. McElroy III (1611 Garfield)

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --An all-time high in summer enrollment was set at Texas Tech Monday when 3,407 students completed registration for the first six-week's summer session.

The new summer enrollment figure exceeds by 358 the previous record summer enrollment set in 1957 when 3,049 attended the first session of summer school, Dr. Floyd Boze, dean of admissions and registrar at Tech, announced.

He attributed the record figure to the large number of special workshops, institutes and diversity of summer courses available at Tech that have served to increase interest in summer study.

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2--Army ROTC Summer Training

Alpine--Terry D. Beckett.

Amarillo--Andrew Aboytes (Rt. 3, Box 595).

Andrews--John A. Hardaway.

Burkburnett--Gary L. McDonnell.

Canyon--Arvle E. Marshall.

Corpus Christi--Jo W. Bird (650 Sorrell).

Dallas--Robert C. Hood (5200 Monticello); James E. McCluer. (1195-B Bally Mote Dr.).

Denison--Owen M. Akers.

Denver City--Billy F. Brown.

El Paso--Norman R. Loose Jr. (4601 Trowbridge).

Fort Worth--Aubrey D. Adair (3921 E. Rosedale); James E. Brown (2721 Tracyne); Samuel M. Burns (Rt. 9, Box 195); Ralph C. Eubank, Jr. (606 Essex); Basil T. Gilmore (3736 Reagan),; Cary P. Harrison (2525 Ryan Pl.).

Godley--Billy F. Caddell.

Grand Prairie--Cornelius A. Allen.

Gruver--Robert G. Cox.

Hereford--Norman B. Bookout.

Houston--Roy E. Mason (7710 Park Pl. Blvd.); Michael R. Rodman (5923 Ridgeway).

Lubbock--Marvin C. Armstrong, Jr.; Gordon M. Deering, Jr.; James R. Hancock; Neil R. McMullen; Ian K. McQuary; Don E. Meador; Morris R. Scales; Reginald B. Smith.

McLean--Byrd W. Duncan; Don D. Godfrey.

Midland--Clarence M. Chase, Jr.; (111 So.M.); Robert A. St.Clair (910 W. Tennessee).

Mineola--Gary F. Mims.

Moran--Harry W. Jones.

Muleshoe--Jesse L. Range.

Mullin--Joe H. Reeves.

Odessa--Larry L. Melton.

###

3--Army ROTC Summer Training

Pampa--Bernard B. Johnson.

San Antonio--John A. Bitter, III.; (203 Bushnell).

San Saba--Bobby B. Coleman.

Seminole--Chester T. Oliver.

Shallowater--Jimmy D. McAuley.

Sherman--William L. Hamilton.

Sundown--Rodolfo Gonzales Dominguez.

Texarkana--John F. Henry.

Waco--Roger D. Crawford (2313 Morrow).

Welch--Benny W. Mitchell.

Wichita Falls--Clifford R. Harper; Charles T. Robb.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Sixty Army ROTC cadets from Texas Tech will report to Fort Hood, Tex., June 20 for six weeks of summer training, Col. James B. Carvey, professor of military science and tactics at Tech, announced.

The cadets, all of whom have completed three-years of reserve officer training at Tech, will apply the military knowledge learned in the classrooms under simulated combat conditions at Fort Hood.

Texas Tech cadets scheduled to train at Fort Hood from June 20 to July 31 include:

(MORE)

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

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(MORE)

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June -- Forty-seven Air Force ROTC cadets from Texas Tech will attend four-week summer training camps at four Air Force bases in June, July and August.

Lt. Col. N.B. Wilkerson, AF ROTC unit commander at Tech, said cadets attending the summer encampments receive orientation training in all phases of air base operations, as well as being taken on flights in various military aircraft.

Those attending the summer camps at the following bases include:

She is working with (More) ferent internal sections how to tell them apart is accomplished by growing them in cultures because they look the same under a microscope, she said.

While at Tech, Miss Sharp was a member of Alpha Lambda Delta, scholastic honorary for freshman women; Alpha Epsilon Delta, pre-medicine honorary fraternity; president of the Biology Club; and scholarship chairman of Gamma Phi Beta, social sorority.

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Department of public information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June -- Bacteria and viruses may make some people sick, but not Mary Ann Sharp, a 1959 Texas Tech graduate, who has received a \$3,100 research fellowship at Southwest Medical School in Dallas.

Miss Sharp will be assisting Dr. S. Edward Sulkin, bacteriologist and virologist, in his research while working toward her M.S. degree in bacteriology. Her study will begin in September.

At present Miss Sharp, daughter of Mr. and Mrs. W.T. Sharp, 4904 24th, Lubbock, is enrolled in a graduate bacteriology course at Tech.

She is working with 10 different internal bacteria. Learning how to tell them apart is accomplished by growing them in cultures because they look the same under a microscope, she said.

While at Tech, Miss Sharp was a member of Alpha Lambda Delta, scholastic honorary for freshman women; Alpha Epsilon Delta, pre-medicine honorary fraternity; president of the Biology Club; and scholarship chairman of Gamma Phi Beta, social sorority.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Science students--both teenaged and graduate-level--began serious study of chemistry and physics at Texas Tech Monday with the opening of two more institutes.

Twenty-six high school students are attending the special Summer Physics program being sponsored at Tech under a National Science Foundation grant.

They registered Monday for the five-week study program designed for top high school students with ability to take college-level instruction in physics.

Also opening Monday was Chemistry Teachers Institute for 71 secondary-school science teachers from throughout the United States. Sponsored by the National Science Foundation and Tech, the program's aim is to help high school science teachers improve the quality of secondary science teaching by providing them an opportunity to do graduate work.

A special Institute for High School Biology Teachers opened last week and will continue through July 25.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Dr. William J. Hughes, Texas Tech history instructor, has been named head of the department of history at Dakota Wesleyan University, Mitchell, S.D.

Dr. and Mrs. Hughes and their daughter, Kitty, a former student of Monterey High School, will move to Mitchell in August.

A native of Macomb, Ill., Hughes completed his public school education at Ft. Morgan, Colo., and received his bachelor's degree at the University of Colorado. He took the master's degree at Western Illinois University, and in 1958 received the Ph.D. degree in history at Texas Tech.

Hughes has been a teaching fellow in history and instructor in history for nine years at Tech.

###

LUBBOCK, June --Mary Alice Kenny, a 1958 home economics graduate of Texas Tech from Slaton, has been awarded a \$1,650 National Science Foundation graduate fellowship to do research at Iowa State College, Ames, Ia.

Miss Kenny was a research assistant last year at Iowa State while working toward a M.S. degree in nutrition. She will continue as a part-time research assistant in the 1959-60 academic year while completing her degree requirements.

###

LUBBOCK, June --Twenty-six youngsters with outstanding ability in science are participating in the 1959 Summer Physics program for high school students at Texas Tech.

J.W. Day, Tech associate professor of physics, said the special program is being held on the Tech campus from June 8 to July 11 under a \$5,000 National Science Foundation grant.

"This program is designed for top high school scholars to receive college-level instruction in physics," said Day, director of the project. In addition to regular classroom and lab assignments, the course is featuring special lecturers and a field trip to research labs.

High school students participating in the Texas Tech physics program include:

Abilene -- Betty Lynn Archer (302 Riverside Blvd.) of Abilene High School; Howard Glen Weekley (734 E.N. 15th) of Abilene High School.

Arlington -- William Howard Seward (1125 W. Inwood Dr.) of Arlington High School.

Austin -- Kilian Walter Fehr (5102 Ridge Oak Dr.) of McCallum High School; Frederick John Kluth (4918 Westview) of McCallum High School; Lewis Forsythe Pennock (3810 Ave. G) of McCallum High School; Jeffrey Warren Roberts (3015 W. Ave.) of Stephen F. Austin High School.

Beaumont -- Joe Fisher III (5140 Chambers Dr.) of South Park High School.

Bryan -- Julia Helen McCune of Uvalde High School.

Corpus Christi -- Donald Truett Phillips (1206 Tyler) of

(MORE)

2--Summer Physics Program

Corpus Christi -- Donald Truett Phillips (1206 Tyler) of W.B. Ray High School; Larry Rayner Russell (3914 Naples) of W.B. Ray High School; John Clinton Webber (353 Dolphin) of W.B. Ray High School.

Dallas -- Christopher Binder Whorton (3615 Greenbriar) of Highland Park High School.

Del Rio -- Byron W. Hodge of Del Rio High School

El Paso -- Dan Jerry Ramsdale (7613 Parkland Dr.) of Burgess Senior High School.

Hereford -- Gene Meacham of Hereford High School.

Lake Jackson -- Eddie Michael Greenawalt of Brazosport Senior High School.

Lubbock -- Rand Terrell Frederiksen of Monterey Senior High School; Clayton Stewart of Tom S. Lubbock Senior High School

Mertzon -- Joe William Shaw, Jr. of Mertzon High School

McAllen -- Arthur Edwin Neill of McAllen High School

Nederland -- Richard T. Murray of Nederland High School; Robert W. Olson of Nederland High School.

Pampa -- Joe Dan Bourland (1015 Fisher) of Pampa Senior High School.

Uvalde -- James Russell Winn (231 Minter) of Uvalde High School.

Victoria -- Jon H. Bryson (906 E. Lawndale) of Victoria High School.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June -- Texas Tech is experiencing its largest summer enrollment and largest number of graduate students in its 34-year history with 3,580 students registered for the first term of summer school, Tech officials have announced.

Dr. Floyd Boze, dean of admissions and registrar, pointed to three special institutes and Tech variety of summer workshops as the reason for the record enrollment. The previous high figure was 3,049 set in the 1957 summer session.

Dr. W.B. Gates, dean of the graduate school, said enrollment in Tech's Graduate School is currently 730-- the largest number on record.

Boosting the graduate program this summer are three institutes in session at Tech under National Science Foundation sponsorship. A special chemistry institute for high school science teachers has 71 enrolled, while 70 other secondary teachers are enrolled in a biology institute.

Thirty high school counselors are also studying in a special guidance and counseling institute being directed by Tech psychology faculty.

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Department of public information
Texas Technological College
Adrian Vaughan, Director

ATTN: GARDEN EDITORS

LUBBOCK, June -- Now's the time for the division and planting of chrysanthemums to make yards and gardens brighter in the fall, a Texas Tech horticulturist advises.

Ed Zukauckas, assistant professor of horticulture at Tech, reminds gardeners that purchased seedlings or divided mums may be set out from June 10 to almost the end of July with success.

"Planting now," he said, "will give the average South Plains homeowner and gardener an opportunity to have mums ready to enter in Tech's Fall Horticultural Festival slated Oct. 17-18."

Many of the better Tech-tested mum varieties are now available at Lubbock plant dealers, he added.

Based on the large number of inquiries about varieties seen last year in the Tech trial beds, Zukauckas predicts a great number of gardeners will be planting mums this summer. Undivided chrysanthemum plants should have been cut back at least once by this time, he said.

Mums in the chrysanthemum trial gardens this year will be from divisions planted in the next week. Cuttings are slated for planting later this month.

"This year the Tech mum trial beds will have approximately 150 previously untested varieties. These have been added to the 40 to 50 more outstanding varieties grown in past years," the horticulturist said.

He said the trial area has been enlarged and changed so the plants will be in more typical, garden-like, beds.

New varieties of petunias, to be introduced next year, are being planted in the area between the green house wings. Interested gardeners are invited to visit the trial areas.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June -- Fourteen West Texas librarians are attending the fourth annual library workshop this week, (June 8-12), at Texas Tech. Conducting the library workshop are R.C. Janeway, director, of the Tech library, and Miss Jo Battle, instructor, of the Nevada State library.

Emphasis this year has been on library management which has included library routines, public relations, Texas library laws, organization and duties of library boards, and other administration necessary to giving good public library service.

Those attending are:

Andrews--Mrs. Russell Austin of the Andrews County Library
Colorado City--Mrs. Boyd Dozier of the Federation Library
Dimmitt--Mrs. Gladys Leeth of the Dimmitt High School Library
Dumas--Mrs. Mildred Perdue of the Moore County Library
Kermit--Mrs. Rose Legrande of the Winkler County Library
Levelland--Mrs. J.M. Blakley of the Hockley County Library
McLean--Mrs. Guy Hester of the Lovett Memorial Library
Plains--Mrs. Bernice Bartlett of the Yoakum County Library;
Mrs. Susie Heath of the Yoakum County Library
Ralls--Mrs. Chesley Dozier of the Ralls High School Library
Snyder--Mrs. Mary Nell Smith of the Scurry County Library
Stratford--Mrs. Jessie K. Hodges of the Sherman County Library
Sweetwater--Mrs. John Pepper of the County-City Library
Vernon--Mrs. Laurence O. Miller of the Wilbarger County Library

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: FARM EDITORS

FOR SUNDAY

LUBBOCK, June --All phases of cotton gin mechanical and management problems will be studied by South Plains ginners attending a special short course at Texas Tech June 15-26.

Some 20 cotton gin personnel are expected for the two-week workshop sponsored by the Texas Tech agricultural engineering department.

Backing the Tech short course are nine gin machinery and supply companies that have contributed or made a loan of equipment valued at approximately \$50,000, Joe Jones, Tech gin engineering instructor, said.

They include Hardwicke-Etter Gin Co., Continental Gin Co., The Murray Co. of Texas, Lummus Cotton Gin Co., John E. Mitchell Co., Anderson Bigham Sheet Metal Works, Bigham Gin Supply Co., Lubbock Electric Co. and Southwestern Public Service. The equipment will also be used by Tech gin engineering classes next year.

Lectures by authorities in management, agriculture and gin mechanics will be held each morning during the short course. Afternoon sessions will be devoted to training sessions by ginning equipment manufacturers and tours of cotton gins in the Lubbock area.

Roy Forkner, Lubbock ginner and past president of the Texas Ginners' Assn., will open the workshop at 9 a.m. Monday (June 15). On the day's lecture schedule are C.B. Spencer, agriculture director of Texas Cottonseed Crushers Assn., Dallas and Alf Pendleton, U.S. Department of Agriculture ginning specialist from Dallas. Continental Gin Co. will sponsor a training session in the afternoon.

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add-1- ginner's workshop

Others slated for lectures during the two-week course are: Fred Elliott, Agricultural Extension cotton specialist, College Station, L.E. Parson, Tech textile engineering department, Bill Powers, Tech textile engineering, Charles M. Merkel, U.S.D.A. ginning laboratory, Stoneville, Miss., Dr. F.L. Mize, Tech management department head.

Also, Jack Towery, Moss-Gordin Lint Cleaner Co., Raymond K. Flege and Roy Whitt, Tech textile engineering department, Clarence Leonard, U.S.D.A. physicist at Mesilla Park, N.M., Sam Jackson, Lubbock manufacturer, V.L. Stedronsky, U.S.D.A. ginning lab, Mesilla Park, N.M., Al Hopson of the John E. Mitchell Co., Dallas, and Hoyle Moss, Moss-Gordin Co. of Lubbock.

Also, Roger Owens, Southwestern Public Service of Amarillo, Bill Bonney, General Electric gin engineer, Roy L. James of Southwestern Public Service of Lubbock, Verlon Bigham of Bigham Gin Supply of Lubbock, E.S. Bartmess, Lab Quip Co. of Shreveport, La., Wayne Jennings, Power Sales engineer for Southwestern Public Service, Paul Bush, Lubbock Electric Co., Jack Brown of M.B. McKee Co., Lubbock, Dr. Richard A. Dudek, Tech industrial engineering department head,

Also, W.L. Jenkins, Tech industrial engineering department, Aubrey J. Connally, of Employers Casualty Co., Lubbock; Vernon Moore of the National Council, Memphis, Tenn.; Jack Howell of Western Cotton Oil Co. of Lubbock, Wilmer Smith, New Home ginner, and Dr. Gerald Thomas, Tech agriculture school dean.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --"Gifted under-achievers." Are you one?
Is your child one?

More than half of the mentally-top five per cent of the nation -- children and adult, alike -- are working below their ability, Dr. Merle Ohlsen, University of Chicago educational psychology professor, said at Texas Tech.

As a chief lecturer at a special counseling and guidance institute directed by Texas Tech psychology department under a National Science Foundation Grant, Ohlsen is working with 30 West Texas high school counselors.

His research with junior and senior high school youth has helped pin point a national problem, that of finding and identifying talented and gifted youngsters who are needed as tomorrow's scientists, artists and business leaders.

"Today there is a definite shortage of college educated personnel entering the professions and there'll continue to be due to the low birth-rate in the 1930's and early 1940's" he pointed out. "Because of low birth rates, we are now faced with future shortage of talented persons in industry and other fields."

"We must be concerned about this," he asserted, "for it involves the survival of our country and society!"

This has spotlighted the need for educators to find, encourage and utilize persons who have the ability to do work requiring their full talents.

Yet, half the youngsters in the mentally-top five per cent are functioning at "C-level or below" grades when they should be earning straight A's or better, Ohlsen said.

(More)

2--Gifted under-achievers

Studies of teenaged under-achievers in metropolitan areas of the midwest show that many of them are hostile and anti-social, without close relationships with the persons they are associated, he said.

Ohlsen said that they found that the larger number of under-achievers are boys.

"In fact, we had to take girls with lower mental test scores just to get at least two girls in each group of eight under-achievers included in the study," he commented.

"Our estimate is that three or four boys for every girl are under-achievers because they refuse to do what the teacher expects. Consequently they get poor grades.

"There's no real difference in intelligence," he added, "it's just that girls tend to be much better conformers in our society."

The problem educators and counselors face is getting these gifted under-achievers motivated to accomplish more for themselves.

"You can't just talk to them and change them," he explained. "In fact, it is common for under-achievers to be called out by parents and teachers and 'chewed out.' This makes them worse, not better. You cannot nag under-achievers into doing better."

He said such persons first must believe in themselves, realize they are gifted and then define for themselves definite goals.

"Most of these kids have been pushed toward goals their parents or teachers have defined for them. They won't work for those goals, they must have goals of their own," Ohlsen said.

"In motivating under-achievers to make the most of their ability, we are conserving human resources in a time when our society is being challenged by outside forces. To meet that challenge, we must develop every person to his top capacity," he said.

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Department of public information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Science teachers from high schools throughout the state and nation are participating in a Chemistry Teachers Institute at Texas Tech.

Directed by Dr. Wesley W. Wendlandt, Texas Tech research chemist, the institute is sponsored by Tech and the National Science Foundation and will end July 18.

The program is designed to help high school science teachers get additional education in chemistry and to improve the quality of science teaching in secondary schools, Wendlandt said. Their living expenses are paid during the institute.

The teachers will earn six-credit hours in chemistry at Tech. The institute will include lectures each morning by leaders in each of the fields of inorganic, organic, analytical, nuclear and bio-chemistry and afternoon lab sessions.

Teachers participating in the Tech chemistry institute include:

Abernathy -- Miss Dora L. (MORE) Abernathy High School teacher. A graduate of West Texas State College, she teaches biology and chemistry.

Alice -- Edward L. Bowden, Jr., William Adams High School teacher. A graduate of the University of Texas, he teaches biology and chemistry.

Arlington -- James W. West (1209 W. 2nd), North Side High School. A graduate of Texas Wesleyan, he teaches junior high and senior high band.

Bastrop, La. -- Kenneth D. Everett, Bastrop High School teacher. A graduate of Louisiana State University and George Peabody College, he teaches general science and chemistry.

Baytown -- Forrest A. Reed, Robert E. Lee High School teacher.

3--Chemistry teachers institute

Florence--James D. Lewis, Florence High School science teacher. A graduate of Southwestern University, he teaches general science, general math, physics, and chemistry.

Haskell--James M. Raughton, Paint Creek High School science teacher. A graduate of Texas A&M, he teaches biology, chemistry, grade school physical education, American history.

Merrill, Wis.--Marshall Goodspeed, Merrill Senior High School science teacher. A graduate of River Falls State College and the University of Wisconsin, he teaches physics and chemistry.

James Dean Clark, Merrill Junior High School science teacher. A graduate of Wisconsin State College, he teaches general science and biology.

Opp, Ala.-- Thomas A. Walls, Opp High School science teacher. A graduate of Jacksonville State College, he teaches science.

Post--William R. Bennett, Post Junior High School science teacher. A graduate of Pasadena College, he teaches junior high science and social studies.

Richmond--George Alexander Clark, Needville High School science teacher. A graduate of Ohio State University, he teaches general science and chemistry.

San Angelo--William P. Grisham (523 W. Ave. D), Central High School science teacher. A graduate of Auburn Poly. Institute, he teaches chemistry and physical science.

Scribner, Neb.--Jerry D. Skoog, Scribner High School science teacher. A graduate of the University of Nebraska, he teaches chemistry, biology, and general science.

Winfield, Kan.--Nelson W. Dutton, Winfield High School science supervisor. A graduate of Northwestern State and Oklahoma State University, he teaches chemistry and physics.

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2--Chemistry teachers institute

Alice--Edward L. Bowden, Jr., William Adams High School science teacher. A graduate of the University of Texas, he teaches biology and chemistry.

Arlington--James W. West (1209 W. 2nd), North Side High School band director. A graduate of Texas Wesleyan, he teaches junior high and senior high band.

Bryan--C.J. Bristol, Allen Military Academy teacher. A graduate of Texas A&I, he teaches chemistry.

Ivan T. Collier, Garland High School chemistry teacher. A graduate of Baylor University and the University of Houston, he teaches chemistry.

Gaylon R. Prince, Allen Military Academy science teacher. A graduate of Oklahoma State University he teaches biology and chemistry.

Bucyrus, Ohio--Mrs. Gladys Lowe Amos, Tiro High School teacher. A graduate of Coe College, she teaches junior high math, junior high science, geometry, and physics.

Cadillac, Mich.--Orville McKay (325 Howard), Manton Consolidated High School teacher. A graduate of Michigan State University, he teaches American government, general science, chemistry, and mental health.

Cuero--Edward L. Harberson, Cuero Senior High School teacher. A graduate of North Texas State College and Sul Ross State College, he teaches biology and chemistry.

England, Ark.--Tom S. Ellis, Sylvan Hills High School teacher. He teaches physics, chemistry, junior high and senior high math.

Flatonia--James W. Rowman, Flatonia High School science teacher. A graduate of the University of Texas, he teaches general science, biology, chemistry, and is part-time principal and science advisor for elementary school.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Transportation studies by Dr. Walter B. Rogers, agricultural economics instructor at Texas Tech, has resulted in a formula that will aid trucking firms determine operating efficiencies on various road beds.

Rogers, who received his Ph.D. degree at Oklahoma State University in May, developed the formula as part of his doctoral thesis on bulk milk transportation charges in the Oklahoma City area.

The formula provides for determining per-mile transportation costs for trucks operating on nine different classifications of roads. With some minor revisions, the formula has been found useful in other businesses where machinery is used to transport material from one place to another, Rogers said.

One immediate result of his bulk milk transportation study in Oklahoma was an immediate change in the haul-rate charge by Central Oklahoma Milk Producers Assn. It changed from a flat 25-cent per-hundred-weight charge to an air mile zone system.

A native of Lubbock County, Rogers earned his B.S. degree in agricultural economics in 1951 at Tech and a M.S. degree in the same field at the University of Arizona.

After a four-year tour in the Air Force as a statistical services technician, Rogers taught at New Mexico State College in 1954-55, attended O.S.U. for two years, then taught at Western Illinois University in 1957-58 before joining the Tech faculty last fall.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

If your husband and kids have commandeered the family car and the bags of groceries won't balance with the food budget this week, don't feel too downtrodden.

Lady, you're a heroine. You're sparking a Far Eastern revolution.

Take it from a Texas Tech visitor, American women are admired in her country of Pakistan because of the rights and respect they have.

The visitor is Mrs. Zebunessa Rahman, principal of Eden Woman's College in Dacca, East Pakistan. Texas Tech is her first stop (after Washington, D.C.) on a tour of leading educational institutions.

Her aim is to study college administration, physical plants and curriculums.

She's spending this week at conferences and classes in Tech's Home Economics School. It's the main stop for home economics study on her itinerary.

Mrs. Rahman heads the largest woman's college in East Pakistan. It has 850 students and a waiting list of others. Mrs. Rahman is as enthusiastic as a Texas Tech backer when she talks of her college's rapid growth.

"When Pakistan gained its independence in 1947, Eden Woman's College became government owned," she said. "Our government recognized that women should have equal rights and that to take such responsibilities they must have education."

When Eden was a private school, it once had as few as eight students.

But all Pakistan is changing and is looking to American ways of life for inspiration and guidance, she said.

(MORE)

Mrs. Rahman has an eye on Texas Tech's buildings because construction is a paramount policy on her own campus and she said she wants to be sure her buildings offer the best possible facilities for teaching.

The friendly visitor, who wears her native dress about the campus at all times, is also a housewife.

Her husband, Bazlur Rahman, is professor of Arabic at Jannath College for men at Dacca. They have two children: Ruknuddin, 13, and Pakku, 7.

Pakistanis who know about the U.S. have a good idea of what it is like, Mrs. Rahman said. That is because they have learned about it from educated people rather than from movies or mass literature.

She credited the U.S. Information Service with doing much to help her people learn of America.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

AUSTIN --Texas Tech's retiring president, Dr. E.N. Jones, has been commended by the State Senate for "his outstanding contribution" to higher education in general and Tech in particular.

In a resolution submitted by Senators Preston Smith, A.M. Aikin Jr. and Dorsey Hardeman, the Senate resolution says:

"Under his guiding hand, Texas Technological College has grown consistently and since 1955 has been the state's second-largest state-supported institution of higher learning.

"Major academic gains have been made under his administration and buildings costing more than \$9 million have been built or contracted."

The resolution commended Dr. Jones for his "sincerity of purpose and strict attention to duties." He "has commanded the respect and deep loyalty of his faculty and all of those with whom he worked," it adds.

The 60-year-old Tech administrator will retire Aug. 31 from the Tech presidency for reasons of health. He was named Tech academic vice-president in 1948, coming from the Texas A&I presidency. Previously he had been a Baylor dean.

In its resolution, the Senate wished Dr. Jones a speedy recovery of his health.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Some teachers may be tired after 37 years of labs and lectures, but such is not the case for Dr. R.W. Helmkamp, special lecturer this week at the Chemistry Teachers Institute being held at Texas Tech.

With energy that belies his 70-years, the former University of Rochester professor can hold the attention of his class long after the session is supposed to end, and they like it.

Since "retiring" last year, Dr. Helmkamp has continued to be a special lecturer in organic chemistry and has worked in the chemical phase of cancer research sponsored by the Atomic Energy Commission.

This research involves using radio-active iodine in antibodies that may be used to carry radiation to cancerous parts of the body. He has been dealing with the chemical problem of incorporating the iodine in the protein of the antibodies.

In 1947, Helmkamp began work with radio-active carbon 14 in connection with biological problems of metabolism. In cooperation with the University of Rochester Medical School, he made isotopes that, when placed in food and eaten, could be traced throughout the body and bloodstream.

In addition to his classroom and research activities, the professor was called on by the Army in 1945 to help investigate the progress of German scientists in basic research toward an atomic bomb.

As a member of the "Alsos Group," his investigations led to talking with scientists who had developed highly toxic nerve gases. His investigations, however, were only to find developments in science and not for criminal prosecution.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: EDUCATION, WOMEN'S EDITORS

LUBBOCK, --New economy can be baked into school lunch programs, specialists in the work are learning at Texas Tech.

The economy comes not by outdoing commercial bakeries, but through utilizing little-used ingredients which are available through federal aid on school lunches.

More than 350 workers attending the workshop this week (June 15-19) are learning how federal surpluses of powdered milk, flour and meal, and other substances can be used to turn out tasty hot breads, pies and cakes on a mass basis.

Taking the course, which covers numerous ways to make school lunches tastier and more economical, are lunch room superintendents, managers, cooks and helpers who serve from 100 to 9,000 children daily through the school year.

Sponsored by the Tech Home Economics School, the workshop annually is one of the largest held on campus.

Participants have to "eat" their words and those of their lecturers. Enrollees prepare each of the meals they consume during their stay at Tech. Much of this is done during class sessions and demonstrations.

Taking the course this year are lunch room workers from New Mexico and throughout Texas.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK --Foreign language teachers from schools throughout the South Plains are devising special audio teaching aids in a language laboratory workshop at Texas Tech.

Dr. Harley Oberhelman, Tech foreign language assistant professor, is directing the class of 13 secondary teachers and two elementary teachers.

Techniques of making electronic tapes are being covered in the workshop where the teachers are also writing scripts in Spanish to be recorded next week.

Tech students and faculty personnel will record the scripts in Spanish on master tapes, Oberhelman said. The master tapes will then be reproduced on separate tapes for each class participant. They will use them in teaching Spanish in junior and senior high school.

Some 30 other elementary teachers are also participating in a workshop for persons who work with Spanish-speaking children. Dr. Faye Bumpass, assistant professor of English, is directing the special course in teaching English as a "foreign" language.

Two elementary teachers in the language laboratory workshop will also record a master tape describing techniques of teaching English as a foreign language to Spanish-American children.

The master tape will be on file in Tech's audio-language lab. Teachers in the area may send in a blank tape to be recorded from this lecture tape, Oberhelman said.

Assisting in recording the Spanish tapes will be Dr. Julio Rivera, Tech assistant professor of sociology from Colombia, Mrs. Yamandu Ubal of Uruguay, Mrs. Cathy McCullen of Cuba, Charles Aguilar, Tech student from Seminole; Roberto Villa-Garcia, Tech student from Peru, and Alfredo Zabroky, Tech student from Mexico. ###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, --If you're a junior high schooler or high schooler who's been wondering if you'll be able to start in a \$300 to \$400 per month job when you graduate from college--relax.

The chances of doing so are going to start dropping rapidly, a visiting lecturer at Texas Tech declares.

Not only the chances but the starting salaries will begin dropping, Dr. Robert J. Havighurst predicts.

The day of recruiters coming on campus and taking almost everyone they interview already is over, the noted University of Chicago psychologist points out. Many spring graduates are still job hunting.

An era in which the sparse birth rate of the depression-ridden 30's has been matched with a rapidly expanding economy is coming to an end. Trained manpower is catching up with market demands, even with a continually expanding market.

Dr. Havighurst says the changing situation has some good points.

Never has the pressure on young people to mature been greater than it has been in the past decade and a half, Havighurst reminded.

Perhaps with the lure of an easy job at a high starting salary gone, young people can enjoy being young people, can grow up in a more leisurely pace rather than race toward heavy job responsibilities.

Youngsters may continue to mature early from the standpoint of social sophistication, but don't look for them to do so in choosing careers, he said.

On the other hand, there always will be top jobs immediately for the most gifted college graduates. That means new efforts are needed to spot the gifted in public schools and encourage them to attend college.

Dr. Havighurst is one of the visiting lecturers in a Tech summer institute that is training high school counselors to do just that.

Counseling of all students is becoming more important because society is becoming more complex, Dr. Havighurst said. It's becoming harder for a youngster to determine what he'd like to do.

The Chicago psychologist said he thinks there are five primary elements affecting a youngster's motivation towards college:

An unconscious drive for achievement, a conscious value of college, identification with others who have gone to college, social pressure and pleasure in learning.

Counselors can have an effect on all the conscious motivations if they will analyze their local and individual situations, he said.

###

If your husband and kids have commandeered the family car and the bags of groceries won't balance with the food budget this week, don't feel too downtrodden.

Lady, you're a heroine. You're sparking a Far Eastern revolution.

Take it from a Texas Tech visitor, American women are admired in her country of Pakistan because of the rights and respect they have.

The visitor is Mrs. Zebunessa Rahman, principal of Eden Woman's College in Dacca, East Pakistan. Texas Tech is her first stop (after Washington, D.C.) on a tour of leading educational institutions.

Her aim is to study college administration, physical plants and curriculums.

She's spending this week at conferences and classes in Tech's Home Economics School. It's the main stop for home economics study on her itinerary.

Mrs. Rahman heads the largest woman's college in East Pakistan. It has 850 students and a waiting list of others. Mrs. Rahman is as enthusiastic as a Texas Tech backer when she talks of her college's rapid growth.

"When Pakistan gained its independence in 1947, Eden Woman's College became government owned," she said. "Our government recognized that women should have equal rights and that to take such responsibilities they must have education."

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Prior to joining the Tech faculty, he was physics department head at Bradley Polytechnic Institute and spent five summers as a research scientist at Oak Ridge National Laboratory.

At Oak Ridge he was acting director of the Beta Ray research group.

In addition to his regular class room and administrative duties this past academic year, Thomas has directed a class in atomic-age physics for high school teachers in the Lubbock area.

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LUBBOCK, --Students in small rural schools now can have the advantages of instructional films in color, audio tapes, and other audio-visual aids just as their "big city" cousins do.

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The plans, which can be tailored to a variety of small-school situations, have been developed by Dr. Henry McCarty of Tech and Dr. Horace Hartsell of Michigan State.

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Setting up cooperative programs with other small schools also presents numerous problems of convenience and supply.

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The two researchers started by surveying 104 cooperative A-V centers throughout the U.S. From this base, they've devised workable systems (including financing) ~~for~~ pupil populations of 10,000 to 50,000.

Detailed results of their study have been published by the National Education Assn.'s Departments of Audio-Visual Instruction and of Rural Education.

Copies of the study, "The Cooperative Approach to Audio-Visual Programs," may be obtained for \$1.50 each from either of the departments mentioned.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: EDUCATION EDITORS

LUBBOCK, June --Three high school English teachers have been awarded National Defense Graduate Fellowships at Texas Tech, Dr. W. Bryan Gates, Tech graduate dean, has announced.

The fellowships, each for three-years of study toward a doctoral degree, have been set up by Congress to stimulate training of college-level teachers.

Award winners are William F. Martin of Lamesa, a 1954 Tech graduate and Pettus High School teacher, and Melvin R. Roberts, a 1958 graduate of East Central State College at Ada, Okla., and Tascosa High School teacher in Amarillo. His home is Seminole, Okla.

Miss Martha Davis of DeQueen, Ark., a 1959 graduate of Arkansas State College at Conway, is the third award winner.

Dr. Truman Camp, English department head at Tech, said the Tech fellowships are three of 1,000 such grants authorized by the National Defense Act of 1958.

The fellowships are for \$2,000 the first year, \$2,200 the second year and \$2,400 the third year of study. A \$400 annual allowance is added for each dependent of the doctoral candidate.

He said the English department's doctoral program has been expanded to include a course in the teaching of college-level English for prospective career college teachers.

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LUBBOCK, June --Man is the "soft component" which space engineers must reckon with before space travel is successful, an Air Age Workshop at Texas Tech was told Friday (June 19).

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Another workshop speaker, Lt. Col. Charles Stapp, described the organization and operation of the Air Defense Command. He represented the Directorate of Programming at ADC headquarters Ent AFB, Colo.

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Department of Public Information
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Adrian Vaughan, Director

ATTENTION MUSIC EDITORS.

LUBBOCK, --The ancient art of reed making for musical instruments has been revived at Texas Tech's summer band school.

Teen-age oboists and bassoonists are learning to make their own intricate double reeds for good reasons.

Commercial reeds cost about \$2.50 each. Do-it-yourself reeds cost about 50 cents for the original mouthpiece plus 15 cents for each reed replacement.

When oboes or bassoons are played every day, a reed lasts about two weeks.

"There's a big difference in tone, too," said Instructor Mac Jones, formerly of Brownfield and now of New Mexico University.

"Listen to this."

He picked up an oboe with a commercial reed and played a few notes. Then he switched to a personally-made reed which he had just constructed for his small class.

The change was noticeable, with the latter reed producing much purer, pleasant tones.

Making an oboe or bassoon reed is somewhat like tying flies. In fact, Jones uses a fisherman's tackle box to keep his parts for the reeds.

The raw reed is doubled over, with the loose ends stuck into a hollow tube. The reed is secured to the tube with a heavy wrapping of thread, then its surface is scraped with a metal blade. Finally the closed end is cut off to open the way for air from the player's lips.

(More)

2--reed making

Raw reed stocks for the personally-made mouthpieces come from southern France, where a retired oboist, Marcel Tabuteau, grows a cane especially for that purpose.

More than 300 high school musicians are attending Tech's summer band school which extends through June 26. The school will be climaxed by a public concert at 7:30 p.m. June 26 on the Ad building green.

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LUBBOCK, June --Business and education topics will be combined at the annual School Business Services Workshop slated Wednesday and Thursday (June 24-25) at Texas Tech.

Discussion topics for the workshop include "A Look into Future Legislation for the Teaching Profession" by Leon Graham, assistant commissioner of the Texas Education Agency, and "Planning a Graduate Curriculum for School Business Officials As a Further Step Toward Professionalization" by Dr. Morris Wallace, head of the Texas Tech department of education.

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Discussions will be held on "Ad valorem taxes and the Schools" and "A Look Across State Lines at the Movement for Better School Business Services."

Added attractions will be exhibits and work sessions on topics covered during the Wednesday morning meeting.

Consultants for the workshop will include:

Abilene--George Stowe, business manager of Abilene schools

Amarillo--Frank Austin, business manager of Austin schools

Austin--T.J. O'Conner, business manager of the Texas Education Agency

Crane--Charles Culbertson, business manager of Crane schools

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2--School business services workshop

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LUBBOCK, June --Six representatives from the Texas Tech home economics department will attend the 50th anniversary meeting of the American Home Economics Assn. June 22-26 in Milwaukee, Wis.

Carolyn Vines of Albany and Jane Sessums of Lubbock will represent the Tech Home Ec Club while Lynell Fouts of Sagerton will be the delegate from Phi Upsilon Omicron, home economics professional sorority.

The students will attend the College Club sectional meeting.

Also attending the meeting are Mrs. Lila Kinchen, associate professor of clothing and textiles, Miss Opal Wood, instructor of food and nutrition, and Dr. Willa Vaughn Tinsley, dean of the School of Home Economics.

Fifty years of progress in home economics and prospects for the future will be the theme of the meeting. Among the speakers will be Mrs. Eleanor Roosevelt whose topic is "Russia--The Country and the People As I Saw Them."

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LUBBOCK, June --A unique apprentice program in pre-service teacher education in vocational homemaking is moving into its final week of residence for the apprentice teachers.

Sponsored by the Texas Tech home economics education department and the Sears Foundation, the apprentice teachers are located in ten places over the state, principally in West Texas.

Dr. Willa Vaughn Tinsley, dean of the School of Home Economics, will visit Miss Judy Kelley, one of the apprentice teachers who is in the Galena Park School, and the supervisory teachers of that local program on Monday, June 29.

She will also speak at the annual state meeting of the Texas Food Service Assn. in Galveston the next day.

Her topic is "The Manager's Responsibility for Good Nutrition."

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Dr. E.N. Jones, Texas Tech president, will join other state college and university presidents in Austin Tuesday (June 23) for conferences regarding possible Legislative appropriations for the next biennium.

The Legislature currently is in its second special session in an effort to pass bills necessary to raise revenue for the biennium, beginning Sept. 1.

Five other Tech officials will be in Austin Wednesday (June 24) for talks with officials of the Texas Commission on Higher Education.

Representing Tech will be Marshall Pennington, vice-president and comptroller; Roy Wells, assistant to the president; Dr. Floyd Boze, admissions dean; John Taylor, auditor; and Robert B. Price, internal auditor.

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The friendly visitor, who wears her native dress about the campus at all times, is also a housewife.

Her husband, Bazlur Rahman, is professor of Arabic at Jannath College for men at Dacca. They have two children: Ruknuddin, 13, and Pakku, 7.

Pakistani who know about the U.S. have a good idea of what it is like, Mrs. Rahman said. That is because they have learned about it from educated people rather than from movies or mass literature.

She credited the U.S. Information Service with doing much to help her people learn of America.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Some teachers may be tired after 37 years of labs and lectures, but such is not the case for Dr. R.W. Helmkamp, special lecturer this week at the Chemistry Teachers Institute being held at Texas Tech.

With energy that belies his 70-years, the former University of Rochester professor can hold the attention of his class long after the session is supposed to end, and they like it.

Since "retiring" last year, Dr. Helmkamp has continued to be a special lecturer in organic chemistry and has worked in the chemical phase of cancer research sponsored by the Atomic Energy Commission.

This research involves using radio-active iodine in antibodies that may be used to carry radiation to cancerous parts of the body. He has been dealing with the chemical problem of incorporating the iodine in the protein of the antibodies.

In 1947, Helmkamp began work with radio-active carbon 14 in connection with biological problems of metabolism. In cooperation with the University of Rochester Medical School, he made isotopes that, when placed in food and eaten, could be traced throughout the body and bloodstream.

In addition to his classroom and research activities, the professor was called on by the Army in 1945 to help investigate the progress of German scientists in basic research toward an atomic bomb.

As a member of the "Alsos Group," his investigations led to talking with scientists who had developed highly toxic nerve gases. His investigations, however, were only to find developments in science and not for criminal prosecution.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: EDUCATION, WOMEN'S EDITORS

LUBBOCK, --New economy can be baked into school lunch programs, specialists in the work are learning at Texas Tech.

The economy comes not by outdoing commercial bakeries, but through utilizing little-used ingredients which are available through federal aid on school lunches.

More than 350 workers attending the workshop this week (June 15-19) are learning how federal surpluses of powdered milk, flour and meal, and other substances can be used to turn out tasty hot breads, pies and cakes on a mass basis.

Taking the course, which covers numerous ways to make school lunches tastier and more economical, are lunch room superintendents, managers, cooks and helpers who serve from 100 to 9,000 children daily through the school year.

Sponsored by the Tech Home Economics School, the workshop annually is one of the largest held on campus.

Participants have to "eat" their words and those of their lecturers. Enrollees prepare each of the meals they consume during their stay at Tech. Much of this is done during class sessions and demonstrations.

Taking the course this year are lunch room workers from New Mexico and throughout Texas.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

AUSTIN --Texas Tech's retiring president, Dr. E.N. Jones, has been commended by the State Senate for "his outstanding contribution" to higher education in general and Tech in particular.

In a resolution submitted by Senators Preston Smith, A.M. Aikin Jr. and Dorsey Hardeman, the Senate resolution says:

"Under his guiding hand, Texas Technological College has grown consistently and since 1955 has been the state's second-largest state-supported institution of higher learning.

"Major academic gains have been made under his administration and buildings costing more than \$9 million have been built or contracted."

The resolution commended Dr. Jones for his "sincerity of purpose and strict attention to duties." He "has commanded the respect and deep loyalty of his faculty and all of those with whom he worked," it adds.

The 60-year-old Tech administrator will retire Aug. 31 from the Tech presidency for reasons of health. He was named Tech academic vice-president in 1948, coming from the Texas A&I presidency. Previously he had been a Baylor dean.

In its resolution, the Senate wished Dr. Jones a speedy recovery of his health.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK --Foreign language teachers from schools throughout the South Plains are devising special audio teaching aids in a language laboratory workshop at Texas Tech.

Dr. Harley Oberhelman, Tech foreign language assistant professor, is directing the class of 13 secondary teachers and two elementary teachers.

Techniques of making electronic tapes are being covered in the workshop where the teachers are also writing scripts in Spanish to be recorded next week.

Tech students and faculty personnel will record the scripts in Spanish on master tapes, Oberhelman said. The master tapes will then be reproduced on separate tapes for each class participant. They will use them in teaching Spanish in junior and senior high school.

Some 30 other elementary teachers are also participating in a workshop for persons who work with Spanish-speaking children. Dr. Faye Bumpass, assistant professor of English, is directing the special course in teaching English as a "foreign" language.

Two elementary teachers in the language laboratory workshop will also record a master tape describing techniques of teaching English as a foreign language to Spanish-American children.

The master tape will be on file in Tech's audio-language lab. Teachers in the area may send in a blank tape to be recorded from this lecture tape, Oberhelman said.

Assisting in recording the Spanish tapes will be Dr. Julio Rivera, Tech assistant professor of sociology from Colombia, Mrs. Yamandu Ubal of Uruguay, Mrs. Cathy McCullen of Cuba, Charles Aguilar, Tech student from Seminole; Roberto Villa-Garcia, Tech student from Peru, and Alfredo Zabroky, Tech student from Mexico. ###

LUBBOCK, --If you're a junior high schooler or high schooler who's been wondering if you'll be able to start in a \$300 to \$400 per month job when you graduate from college--relax.

The chances of doing so are going to start dropping rapidly, a visiting lecturer at Texas Tech declares.

Not only the chances but the starting salaries will begin dropping, Dr. Robert J. Havighurst predicts.

The day of recruiters coming on campus and taking almost everyone they interview already is over, the noted University of Chicago psychologist points out. Many spring graduates are still job hunting.

An era in which the sparse birth rate of the depression-ridden 30's has been matched with a rapidly expanding economy is coming to an end. Trained manpower is catching up with market demands, even with a continually expanding market.

Dr. Havighurst says the changing situation has some good points.

Never has the pressure on young people to mature been greater than it has been in the past decade and a half, Havighurst reminded.

Perhaps with the lure of an easy job at a high starting salary gone, young people can enjoy being young people, can grow up in a more leisurely pace rather than race toward heavy job responsibilities.

Youngsters may continue to mature early from the standpoint of social sophistication, but don't look for them to do so in choosing careers, he said.

On the other hand, there always will be top jobs immediately for the most gifted college graduates. That means new efforts are needed to spot the gifted in public schools and encourage them to attend college.

(MORE)

2--Changing job situation

Dr. Havighurst is one of the visiting lecturers in a Tech summer institute that is training high school counselors to do just that.

Counseling of all students is becoming more important because society is becoming more complex, Dr. Havighurst said. It's becoming harder for a youngster to determine what he'd like to do.

The Chicago psychologist said he thinks there are five primary elements affecting a youngster's motivation towards college:

An unconscious drive for achievement, a conscious value of college, identification with others who have gone to college, social pressure and pleasure in learning.

Counselors can have an effect on all the conscious motivations if they will analyze their local and individual situations, he said.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: EDUCATION EDITORS

LUBBOCK, June --Three high school English teachers have been awarded National Defense Graduate Fellowships at Texas Tech, Dr. W. Bryan Gates, Tech graduate dean, has announced.

The fellowships, each for three-years of study toward a doctoral degree, have been set up by Congress to stimulate training of college-level teachers.

Award winners are William F. Martin of Lamesa, a 1954 Tech graduate and Pettus High School teacher, and Melvin R. Roberts, a 1958 graduate of East Central State College at Ada, Okla., and Tascosa High School teacher in Amarillo. His home is Seminole, Okla.

Miss Martha Davis of DeQueen, Ark., a 1959 graduate of Arkansas State College at Conway, is the third award winner.

Dr. Truman Camp, English department head at Tech, said the Tech fellowships are three of 1,000 such grants authorized by the National Defense Act of 1958.

The fellowships are for \$2,000 the first year, \$2,200 the second year and \$2,400 the third year of study. A \$400 annual allowance is added for each dependent of the doctoral candidate.

He said the English department's doctoral program has been expanded to include a course in the teaching of college-level English for prospective career college teachers.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Twenty-three area cotton ginners were presented all-cotton certificates by Texas Tech Agriculture Dean Gerald Thomas in 10:30 a.m. ceremonies Friday (June 26) in the Agriculture Engineering Bldg.

The men attended a cotton ginners' workshop on latest methods of cotton ginning.

Cooperating with the Tech agricultural engineering department in presenting the workshop were the National Cotton Council, the Texas Agricultural Extension Service, the Texas Agricultural Experiment Station, the U.S. Department of Agriculture, representatives of the cotton industry and other Tech schools.

Participants in the workshop included:

Abernathy--Mathew Goodrich of the County Line Co-op Gin.

Brownfield--Gene Ellis of the South Gin Inc.; Jimmy C. Nail, Jr. of the South Gin Inc.

Colorado City--Robert Ross Hargrove of the Producers Co-op Gin.

Crosbyton--Wayne Flemings of the Blanco Gin; Willie Lee McBrayer of the West Texas Gin Co.

Hale Center--Larry Wilson of the Hale Center Co-op Gin.

Hart--Wayne Beavers of the Hart Producers Co-op Gin.

Hereford--W.D. Revel of the Deaf Smith County Gin.

Levelland--Lloyd Kennedy of the Western Cottonoil Co.

Lubbock--George Hill of the Canyon Gin; Charlie F. Hunter of the Acuff Co-op Gin.

Meadow--Curtis Foust, Carl Pritchard, Rufus Whitener and C.T. Wilson of the Meadow Co-op Gin.

McAdoo--W.R. McWilliams of the Farmers Co-op Gin Co.

(MORE)

2--Cotton ginner's workshop

McAllen--David Allex of the McAllen Gin Co.

Nordheim--Herbert Wied of Wied & Son Ginners and Cotton Buyers.

Petersburg--Hershel S. Irwin of Allmon Cotton & Grain, Inc.

Post--W.A. Pritchard of the Hackberry Co-op Gin.

Shallowater--Victor E. Jackson of the Citizens Co-op Gin.

Wilson--Jack Clements of the New Home Gin Co.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

New Mexico and other neighboring states will continue to siphon teachers from West Texas Schools because of better salaries, Texas' assistant commissioner of education said Wednesday at Texas Tech.

The possibility of meeting this competition evidently will have to await the next regular Legislative session, Asst. Comm. Leon Graham of Austin told a school business services workshop.

The current Legislature has done nothing to change the situation, he pointed out.

Graham said legislation also is needed to make consolidation of school districts easier.

Dr. Morris Wallace, Tech education department head, discussed needs of a graduate curriculum for school business officials.

"Such officials should discourage institutions who set up curriculums that qualify their graduates too quickly and easily," he said. "Make yourselves and your services highly desired by insisting on high qualitative standards for graduate programs in school business services."

Speaking on financing school expansion, Elmer East, Lubbock National Bank vice-president, emphasized that expanding plants also means expanding maintenance, personnel and equipment.

"All these factors should be considered in planning a bond issue so that only one issue will be needed," he explained.

Voluntary assistance of architects, builders and other specialists on planning committees is greatly needed in formulating school expansion plans, East said.

(More)

2--School business

Two state presidents of the Association of School Business Officials will "Look Across State Lines at the Movement for Better School Business Services" Thursday (June 25) at the annual School Business Services Workshop being held at Texas Tech.

Jim Crews, Waco school business manager and president of the Texas association and John Gott, Clovis school business manager and president of the New Mexico association will compare what school business services are doing in Texas and New Mexico and share cooperative ideas.

"Ad valorem taxes and the Schools" will be discussed at the general session at 9:15 a.m. Some of the topics include common inequities and possible solutions, use of professional evaluation engineering firms and using local personnel for re-evaluation.

Panel members for this discussion are Harvey Austin of Lubbock, tax assessor and collector; S.F. Johnson of Plainview and H.B. Evans of Seminole, school business managers; and Noel Johnson of Abernathy, superintendent of schools.

At the last meeting, a luncheon in the Tech Union ballroom, Dr. John Mize, Tech professor of management, will speak on "Industrial Management Looks at Public School Business Management."

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Keneth Kinnamon of Texas Tech's English faculty has been named a contributor for the first issue of the University of Texas' new humanities journal -- "Texas Studies in Literature and Language."

Commenting on the new publication, Tech Graduate Dean W. Bryan Gates said, "For many years, the 'University of Texas Studies in English' made a significant contribution to scholarship. I'm convinced that the new journal will not only increase this contribution but add to the prestige of the University of Texas and the State of Texas."

"The new publication forms a valuable addition to the University's 'Texas Quarterly' and 'Graduate Journal'," he added.

The first issue of "Texas Studies" has articles on Faulkner, Milton, Joyce, Hemingway, Holinshed, Conrad, Mark Twain and others. A feature of each issue will be an article-review of an author, a group, an era or a period, beginning with one on James Gould Cozzens in the first number.

Dr. Philip Graham, University of Texas English professor, edits "Texas Studies" assisted by an advisory board composed of Drs. Hazard Adams, Thomas Cranfill, Frederick Eckman, Ernest Mossner and William Todd, all of the University's English department; and Frederick Ginascol, philosophy; Richard Hoppin, music, and W.P. Lehmann, Germanic languages.

The new scholarly journal will appear four times each year. It supersedes the annual periodical "Texas Studies in English," discontinued with the 1958 issue, and has a broader scope of content and circulation than the earlier journal.

(More)

2-"Texas Studies"

Dr. Graham said the publication will present articles in all areas of the humanities, especially literature, languages, criticism, philosophy, linguistics, bibliography and the fine arts. Articles from history and the sciences will be published "where these touch the humanities."

Other authors represented in the first issue include George Garrett and R.W. Stallman, University of Connecticut; Kester Svendsen, University of Oklahoma; Robert S. Ryf, Occidental College, Los Angeles; D.M. McKeithan and W.P. Lehmann, University of Texas; A.M. Kinghorn, King's College, Halifax, Nova Scotia; William E. Miller, University of Pennsylvania, and Richard M. Ludwig, Princeton University.

Copies are being distributed to college and university libraries throughout the U.S.

Subscriptions are available at \$4 per year from University of Texas Press, University Station, Austin 12. Single copies are \$1.

###

MEMO

June 26, 1959

FROM: Adrian Vaughan

TO: Trustees and officers of the Dads Association

Since the Dads News Letter was issued earlier this week, Mr. W.D. Watkins, Board of Directors chairman, has decided to appoint a committee to make recommendations to the Board regarding selection of a new president. The three committeemen are Board members whose terms do not expire until 1961 or 1963. Consequently, they will be on the Board after Gov. Daniel makes his appointments of three Directors. The new president still is not expected to be selected until the Governor makes those appointments. To bring you up to date on the presidential situation, we are enclosing a news release we made regarding Mr. Watkins' action.

"A Look Into Future Legislation for the Teaching Profession" will be given to some 150 school superintendents, business managers, and tax assessors and collectors when they meet Wednesday (June 24) at the School Business Services Workshop at Texas Tech.

Leon Graham, assistant education commissioner, Texas Education Agency, will speak on this topic during the two-day workshop to be held in the Tech Union.

Dr. Morris Wallace, head of the Tech education department, will discuss "Planning a Graduate Curriculum for School Business Officials As a Further Step Toward Professionalization" at 10:45 a.m.

At the luncheon, Elmer East, executive vice president of the Lubbock National Bank, will talk about "Planning for Financing School Expansion."

A work session on legislation will include discussions on certification provision, controlling statutes for school purchasing, Federal Reserve regulations and financing from the state level.

Consultants for this work session are Frank Austin, of Amarillo, school business manager; T.J. O'Conner of Austin, business manager of the Texas Education Agency; Harold Glasscock of Lubbock, school purchasing agent; Ernest Triplett of Fort Stockton, school business manager; Eugene Hightower of Fort Worth, school business manager; and Harold Miller of Kermit, school business manager.

Another work session will be on professionalization. School business management-a profession, aspects of intern program, and development of college-university-business cooperation will be some of the discussion topics of this group.

(MORE)

2--School business services workshop

Consultants will be A.W. Eckert of Lubbock, school business manager; Charles Culbertson of Crane, school business manager; George Stowe of Abilene, school business manager; and Ray Schultz of Dumas, school business manager.

Nat Williams, superintendent of Lubbock schools, will speak at the Wednesday evening session on "The School Business Manager, A Member of the Administrative Team."

Thursday's meeting will include discussions on "Ad valorem taxes and the Schools," "A Look Across State Lines at the Movement for Better School Business Services," and "Industrial Management Looks at Public Schools Business Management."

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Student Life Dean James G. Allen of Texas Tech will have a leading role in the 41st meeting of the National Assn. of Student Personnel Administrators.

The meeting is scheduled Thursday through next Tuesday (June 25-30) at the Harvard Business School, Boston.

Dean Allen is a member of a NASPA commission on the development and training of student personnel administrators.

He is on a commission subcommittee which will report on the preparation of a brochure presenting student personnel work as a career.

Dean Allen also will be chairman of a panel on peripheral problems of student life concerning autos, discrimination, dress, public display of affection and campus "raids".

###

Two home economics workshops, one on clothing and textiles and the other on food demonstration, will begin Monday (June 29) at Texas Tech.

The clothing and textile workshop, based on newer methods of garment construction, will be directed by Mrs. Lila Kinchen, associate professor of clothing and textiles at Tech, and will end Friday (July 3).

One dress will be made with the emphasis on cutting, fit, accuracy and professional appearance of the garment. Application of newer techniques will be stressed.

This graduate course is primarily for home economics teachers and graduates and others who sew for the public.

The food demonstration workshop is designed for women who work with the public, such as home economists, television demonstrators and home demonstration agents.

Mrs. Gladys Holden, assistant professor of food and nutrition at Tech, will conduct the workshop which ends July 14. Assisting her will be Mrs. Clara Pratt, Lubbock home demonstration agent, and Miss Elvera Duerksen of the Lubbock Pioneer Natural Gas Co. Miss Duerksen will give an equipment demonstration.

Miss Bertha VanLandingham, food demonstrator for the Fish and Wildlife Service of the Department of the Interior, will give demonstrations on the cooking of fish. This will be the only public demonstration of the workshop.

All interested home economists are invited to attend this demonstration which will be Thursday (July 2) at 9 a.m. The group will meet in room 201 of the Home Economics Bldg. and then go to room 163 where the actual demonstration will take place.

###

LUBBOCK, June --Neighboring states will continue to siphon teachers from Texas schools because of better salaries, Texas' assistant commissioner of education told school business officials at Texas Tech.

The possibility of meeting this competition evidently will have to await the next regular Legislative session, Leon Graham of Austin told a School Business Services Workshop.

The current Legislature has done nothing to change the situation, he pointed out. Graham said legislation also is needed to make consolidation of school districts easier.

More than 50 school district business managers, superintendents and tax assessors attended the two-day meeting Wednesday and Thursday (June 24-25).

School officials participating in the workshop included:

Abernathy--Earl Carter, school business manager; Noel Johnson, superintendent of schools.

Andrews--Glynor O. Kite, accountant; M.O. Woolam, school business manager.

Arlington--Roy Wood, school business manager.

Beeville--Woodrow Ham, school business manager.

Big Spring--Don Crockett, assistant school business manager; Pat Murphy, school business manager.

Brownfield--Dillie M. Kelley, school business manager.

Corpus Christi--Dewitt Fly, accountant.

Crane--Charles Culbertson, school business manager.

Dumas--Ray Schultz, assistant superintendent of the Dumas I.S.D.

Fort Stockton--E.F. Triplett, school business manager; E.L. Howard, school principal.

(MORE)

2--School business services workshop

Hereford--Fred Baird, school business manager.

Kermit--Harold W.P. Miller, school business manager.

Levelland--T.O. Petty, tax collector of South Plains College;
O.R. Watkins, school business manager.

Midland--W.W. Smith, director of business services.

Monahans--Glenn Elord, school business manager of Monahans-
Wickett I.S.D.

New Braunfels--Glyn H. Goff, tax assessor-collector; Emmitt E.
Schmidt, school business manager of the New Braunfels I.S.D.

Odessa--Norman Grine, school purchasing agent; Arthur L.
New, accountant; Charles L. Walker, school business manager.

Petersburg--Leo C. Purvis, superintendent of schools.

Plainview--S.F. Johnson, assistant superintendent of schools.

Post--R.T. Smith, superintendent of schools.

Seminole--H.B. Evans, school business manager; Jimmie W.
Nelson, assistant school business manager; Joe Young, superintendent
of schools.

Slaton--Lee Vardy, superintendent of schools.

Snyder--E.D. Flynn, school business manager.

Sudan--A.O. Gregory, superintendent of schools.

Whiteface--Henry D. Galvin, school business manager and tax
assessor-collector.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Can achievement test scores be upped by cheating?

Some of them can, says a national authority on tests, Dr. Frederick B. Davis of Hunter College, New York City.

Dr. Davis and Dr. Alan G. Krasnoff of the University of Washington at St. Louis are visiting Texas Tech this week to lecture and consult about testing with 30 high school counselors.

The counselors are attending a summer institute on helping gifted children. The course is being underwritten by the National Defense Education Act.

Just how can you beat some achievement tests?

"One way is by answering all the questions whether or not you really know the answers," Dr. Davis replied. "Major parts of most achievement tests have to be based on a multiple choice of answers. By guessing, anyone can hit a rather large percentage of them right."

But Dr. Davis doesn't mind pointing this out. He and other experts have devised test questions and grading formulas that compensate for such trickery.

That's one of the reasons he and Dr. Krasnoff are here this week--to help the counselors learn how to make tests as accurate as possible.

Dr. Krasnoff is holding individual conferences with each of the institute participants, discussing tests that the participants themselves have taken and talking over other testing problems.

Dr. Davis said he thinks illness, unless very serious, causes little variation in test scores.

(More)

2--Davis and Krasnoff

"Motivation is the most important factor in any test," he declared. "A student can overcome fatigue, fever and other affects of ordinary illnesses if he really wants to make a good score on a test."

Dr. Davis admits that achievement tests are fallible because all humans are fallible. But tests do give reasonable and very important indications of persons' abilities, he said.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, --Even first graders can learn a second language in an almost effortless manner, a Texas Tech summer workshop proves.

Thirty-one teachers are enrolled in the short course on methods for teaching either English or Spanish as a second language.

The fact that third graders "take to" another language with interest and ease has become fairly well known.

In this workshop, Dr. Faye L. Bumpass, is demonstrating that children can begin foreign language in the very first year of school.

"Learn by doing" is the slogan of the course. Children are taught another language by associating words with experiences of their own interest and emotional levels.

A first grade youngster in the class eagerly employs words of a foreign language to identify familiar farm animals, the sounds they make and their colors.

The children repeat simple sentences relating to an animal as one of the youngsters moves a cutout picture of the creature across a screen.

Dances, songs, and games are a few of the other activities used to make a new language come naturally and with enthusiasm.

Not only do the youngsters learn a new language, but they lose many of their prejudices, Dr. Bumpass said. The good values of people with different cultural backgrounds come alive as a youngster puts himself in the place of a person from another culture through the medium of language and related activities.

The workshop will be climaxed by a special program at 1:30 p.m. Friday in the Union building workroom.

Assisting Dr. Bumpass in the workshop is Mrs. Elba Roberson.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, --W.D. Watkins of Abilene, chairman of Texas Tech's Board of Directors, Wednesday announced a three-man committee of Board members to begin the search for a new Tech president.

C.I. Wall of Amarillo was named committee chairman. Other members are Harold Hinn of Plainview and Douglas Orme of Big Spring.

The committee will make recommendations to the Board on a successor to Dr. E.N. Jones, who has resigned as Tech president, effective Aug. 31, for reasons of health.

Announcement of the committee was made through Tech's public information department.

Wall said the committee will meet for the first time soon to begin a thorough search for a new president. Definite plans will have to await an organizational meeting of the committee, he added.

"We want to get the best man we can for the presidency," Wall said. "Therefore we want to be sure we have explored every possibility before making final recommendations.

The Board's next regularly scheduled meeting is Aug. 22.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

FOR SUNDAY

LUBBOCK, June --More advanced research about the properties of nuclear forces is planned by Dr. Willie E. Phillips, Texas Tech assistant professor of physics.

Phillips, who was awarded his Ph.D. degree in physics last month at Vanderbilt University, will conduct the study as a continuation of his doctoral research.

He will use Texas Tech's new 256-channel analyzer to follow up his three-years of study under an Atomic Energy Commission grant.

He wrote his dissertation on "A Study of the Gamma Ray and Inner Bremsstrahlung Transitions in the Decay of Tin-113."

"Tin-113 is a short-lived isotope," Phillips explained, "It's what we call an electron-capture isotope." In "decaying" it captures one of its orbital electrons which is added to its nucleus

In this process a proton is converted into a neutron and Tin changes its chemical properties to that of Indium, a stable metal.

In the process of electron capture, the nucleus acquires an excess of energy. It gets rid of the energy usually by radiating a gamma ray," he said.

Terming his doctoral study as basic research, Phillips pointed out that "what we really want to know is what holds the nucleus together."

"We know little about the force property of a nucleus or the properties of nuclear forces," he commented. "These forces are unlike any other forces we know. They are neither gravitational, nor like electrical and magnetic forces."

(More)

add-1- Phillips

As a result of his basic research, Phillips thinks that the electron-capture isotopes should give physicists more information than they have thus far been able to "squeeze" out of them.

After Signal Corps duty in World War II that took him to the China-Burma-India theater of operations, Phillips earned a B.S. degree in electrical engineering at Mississippi State. To broaden his education he took a bachelor of divinity degree at Emory University and then earned his M.S. degree in physics at Mississippi State under the direction of Dr. Henry Thomas, now Tech physics department head.

Phillips, whose home is Corinth, Miss., is married to the former Maxie Dodds^{on} of Harpersville, Miss. They have two daughters, Martha, 8, and Mary, 6.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

New developments in rocketry and space flight will be viewed by a group of Texas Tech officials and ~~xxxxxxx~~ business leaders Monday and Tuesday (June 29-30) in California.

The group, invited to tour the West Coast operations by Bates Thornton, will include Dr. E.N. Jones, Tech president; and P.C. Callaway, Corpus Christi; Harold Hinn, Plainview; James L. Lindsey, Midland; Douglas Orme, Big Spring; C.I. Wall, Amarillo; and Floyd A. Wooldridge, Houston; all Tech directors.

Thornton is a former student of Texas Tech and is president of Litton Industries.

Lubbock business leaders scheduled to make the trip are Roy Furr, Retha Martin, and George P. Livermore. Other Tech officials on the trip will be Dr. John R. Bradford, engineering dean; William H. Butterfield, development director; and Robert L. Newell, assistant dean of engineering.

Also making the trip will be Douglas K. McLean of Dallas.

Purpose of the tour will be to gain background for possible development of scientific research at Tech and industrial advances in the Lubbock area.

Included in the tour will be a night firing of an ICBM rocket motor, inspection of the Thor missile production line, and visits to Litton Industries, California Institute of Technology, Lockheed and Douglas Aircraft Cos., jet propulsion laboratories and a space technology laboratory at Los Angeles.

(MORE)

2--California tour

At the space ^echnology laboratory, the group will tour an international satellite tracking station, advanced computer center, and data reduction center.

At Litton Industries, they will see a high altitude simulation chamber, inertial platform, and computers.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

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Adrian Vaughan, Director

Keneth Kinnamon of Texas Tech's English faculty has been named a contributor for the first issue of the University of Texas' new humanities journal -- "Texas Studies in Literature and Language."

Commenting on the new publication, Tech Graduate Dean W. Bryan Gates said, "For many years, the 'University of Texas Studies in English' made a significant contribution to scholarship. I'm convinced that the new journal will not only increase this contribution but add to the prestige of the University of Texas and the State of Texas."

"The new publication forms a valuable addition to the University's 'Texas Quarterly' and 'Graduate Journal'," he added.

The first issue of "Texas Studies" has articles on Faulkner, Milton, Joyce, Hemingway, Holinshed, Conrad, Mark Twain and others. A feature of each issue will be an article-review of an author, a group, an era or a period, beginning with one on James Gould Cozzens in the first number.

Dr. Philip Graham, University of Texas English professor, edits "Texas Studies" assisted by an advisory board composed of Drs. Hazard Adams, Thomas Cranfill, Frederick Eckman, Ernest Mossner and William Todd, all of the University's English department; and Frederick Ginascol, philosophy; Richard Hoppin, music, and W.P. Lehmann, Germanic languages.

The new scholarly journal will appear four times each year. It supersedes the annual periodical "Texas Studies in English," discontinued with the 1958 issue, and has a broader scope of content and circulation than the earlier journal.

(More)

2-"Texas Studies"

Dr. Graham said the publication will present articles in all areas of the humanities, especially literature, languages, criticism, philosophy, linguistics, bibliography and the fine arts. Articles from history and the sciences will be published "where these touch the humanities."

Other authors represented in the first issue include George Garrett and R.W. Stallman, University of Connecticut; Kester Svendsen, University of Oklahoma; Robert S. Ryf, Occidental College, Los Angeles; D.M. McKeithan and W.P. Lehmann, University of Texas; A.M. Kinghorn, King's College, Halifax, Nova Scotia; William E. Miller, University of Pennsylvania, and Richard M. Ludwig, Princeton University.

Copies are being distributed to college and university libraries throughout the U.S.

Subscriptions are available at \$4 per year from University of Texas Press, University Station, Austin 12. Single copies are \$1.

###

MEMO

June 26, 1959

FROM: Adrian Vaughan

TO: Trustees and officers of the Dads Association

Since the Dads News Letter was issued earlier this week, Mr. W.D. Watkins, Board of Directors chairman, has decided to appoint a committee to make recommendations to the Board regarding selection of a new president. The three committeemen are Board members whose terms do not expire until 1961 or 1963. Consequently, they will be on the Board after Gov. Daniel makes his appointments of three Directors. The new president still is not expected to be selected until the Governor makes those appointments. To bring you up to date on the presidential situation, we are enclosing a news release we made regarding Mr. Watkins' action.

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

"A Look Into Future Legislation for the Teaching Profession" will be given to some 150 school superintendents, business managers, and tax assessors and collectors when they meet Wednesday (June 24) at the School Business Services Workshop at Texas Tech.

Leon Graham, assistant education commissioner, Texas Education Agency, will speak on this topic during the two-day workshop to be held in the Tech Union.

Dr. Morris Wallace, head of the Tech education department, will discuss "Planning a Graduate Curriculum for School Business Officials As a Further Step Toward Professionalization" at 10:45 a.m.

At the luncheon, Elmer East, executive vice president of the Lubbock National Bank, will talk about "Planning for Financing School Expansion."

A work session on legislation will include discussions on certification provision, controlling statutes for school purchasing, Federal Reserve regulations and financing from the state level.

Consultants for this work session are Frank Austin, of Amarillo, school business manager; T.J. O'Conner of Austin, business manager of the Texas Education Agency; Harold Glasscock of Lubbock, school purchasing agent; Ernest Triplett of Fort Stockton, school business manager; Eugene Hightower of Fort Worth, school business manager; and Harold Miller of Kermit, school business manager.

Another work session will be on professionalization. School business management-a profession, aspects of intern program, and development of college-university-business cooperation will be some of the discussion topics of this group.

(MORE)

2--School business services workshop

Consultants will be A.W. Eckert of Lubbock, school business manager; Charles Culbertson of Crane, school business manager; George Stowe of Abilene, school business manager; and Ray Schultz of Dumas, school business manager.

Nat Williams, superintendent of Lubbock schools, will speak at the Wednesday evening session on "The School Business Manager, A Member of the Administrative Team."

Thursday's meeting will include discussions on "Ad valorem taxes and the Schools," "A Look Across State Lines at the Movement for Better School Business Services," and "Industrial Management Looks at Public Schools Business Management."

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Twenty-three area cotton ginners were presented all-cotton certificates by Texas Tech Agriculture Dean Gerald Thomas in 10:30 a.m. ceremonies Friday (June 26) in the Agriculture Engineering Bldg.

The men attended a cotton ginners' workshop on latest methods of cotton ginning.

Cooperating with the Tech agricultural engineering department in presenting the workshop were the National Cotton Council, the Texas Agricultural Extension Service, the Texas Agricultural Experiment Station, the U.S. Department of Agriculture, representatives of the cotton industry and other Tech schools.

Participants in the workshop included:

Abernathy--Mathew Goodrich of the County Line Co-op Gin.

Brownfield--Gene Ellis of the South Gin Inc.; Jimmy C. Nail, Jr. of the South Gin Inc.

Colorado City--Robert Ross Hargrove of the Producers Co-op Gin.

Crosbyton--Wayne Flemings of the Blanco Gin; Willie Lee McBrayer of the West Texas Gin Co.

Hale Center--Larry Wilson of the Hale Center Co-op Gin.

Hart--Wayne Beavers of the Hart Producers Co-op Gin.

Hereford--W.D. Revel of the Deaf Smith County Gin.

Levelland--Lloyd Kennedy of the Western Cottonoil Co.

Lubbock--George Hill of the Canyon Gin; Charlie F. Hunter of the Acuff Co-op Gin.

Meadow--Curtis Foust, Carl Pritchard, Rufus Whitener and C.T. Wilson of the Meadow Co-op Gin.

McAdoo--W.R. McWilliams of the Farmers Co-op Gin Co.

(MORE)

2--Cotton ginners' workshop

McAllen--David Allex of the McAllen Gin Co.

Nordheim--Herbert Wied of Wied & Son Ginners and Cotton Buyers.

Petersburg--Hershel S. Irwin of Allmon Cotton & Grain, Inc.

Post--W.A. Pritchard of the Hackberry Co-op Gin.

Shallowater--Victor E. Jackson of the Citizens Co-op Gin.

Wilson--Jack Clements of the New Home Gin Co.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

New Mexico and other neighboring states will continue to siphon teachers from West Texas Schools because of better salaries, Texas' assistant commissioner of education said Wednesday at Texas Tech.

The possibility of meeting this competition evidently will have to await the next regular Legislative session, Asst. Comm. Leon Graham of Austin told a school business services workshop.

The current Legislature has done nothing to change the situation, he pointed out.

Graham said legislation also is needed to make consolidation of school districts easier.

Dr. Morris Wallace, Tech education department head, discussed needs of a graduate curriculum for school business officials.

"Such officials should discourage institutions who set up curriculums that qualify their graduates too quickly and easily," he said. "Make yourselves and your services highly desired by insisting on high qualitative standards for graduate programs in school business services."

Speaking on financing school expansion, Elmer East, Lubbock National Bank vice-president, emphasized that expanding plants also means expanding maintenance, personnel and equipment.

"All these factors should be considered in planning a bond issue so that only one issue will be needed," he explained.

Voluntary assistance of architects, builders and other specialists on planning committees is greatly needed in formulating school expansion plans, East said.

(More)

2--School business

Two state presidents of the Association of School Business Officials will "Look Across State Lines at the Movement for Better School Business Services" Thursday (June 25) at the annual School Business Services Workshop being held at Texas Tech.

Jim Crews, Waco school business manager and president of the Texas association and John Gott, Clovis school business manager and president of the New Mexico association will compare what school business services are doing in Texas and New Mexico and share cooperative ideas.

"Ad valorem taxes and the Schools" will be discussed at the general session at 9:15 a.m. Some of the topics include common inequities and possible solutions, use of professional evaluation engineering firms and using local personnel for re-evaluation.

Panel members for this discussion are Harvey Austin of Lubbock, tax assessor and collector; S.F. Johnson of Plainview and H.B. Evans of Seminole, school business managers; and Noel Johnson of Abernathy, superintendent of schools.

At the last meeting, a luncheon in the Tech Union ballroom, Dr. John Mize, Tech professor of management, will speak on "Industrial Management Looks at Public School Business Management."

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Student Life Dean James G. Allen of Texas Tech will have a leading role in the 41st meeting of the National Assn. of Student Personnel Administrators.

The meeting is scheduled Thursday through next Tuesday (June 25-30) at the Harvard Business School, Boston.

Dean Allen is a member of a NASPA commission on the development and training of student personnel administrators.

He is on a commission subcommittee which will report on the preparation of a brochure presenting student personnel work as a career.

Dean Allen also will be chairman of a panel on peripheral problems of student life concerning autos, discrimination, dress, public display of affection and campus "raids".

###

Two home economics workshops, one on clothing and textiles and the other on food demonstration, will begin Monday (June 29) at Texas Tech.

The clothing and textile workshop, based on newer methods of garment construction, will be directed by Mrs. Lila Kinchen, associate professor of clothing and textiles at Tech, and will end Friday (July 3).

One dress will be made with the emphasis on cutting, fit, accuracy and professional appearance of the garment. Application of newer techniques will be stressed.

This graduate course is primarily for home economics teachers and graduates and others who sew for the public.

The food demonstration workshop is designed for women who work with the public, such as home economists, television demonstrators and home demonstration agents.

Mrs. Gladys Holden, assistant professor of food and nutrition at Tech, will conduct the workshop which ends July 14. Assisting her will be Mrs. Clara Pratt, Lubbock home demonstration agent, and Miss Elvera Duerksen of the Lubbock Pioneer Natural Gas Co. Miss Duerksen will give an equipment demonstration.

Miss Bertha VanLandingham, food demonstrator for the Fish and Wildlife Service of the Department of the Interior, will give demonstrations on the cooking of fish. This will be the only public demonstration of the workshop.

All interested home economists are invited to attend this demonstration which will be Thursday (July 2) at 9 a.m. The group will meet in room 201 of the Home Economics Bldg. and then go to room 163 where the actual demonstration will take place.

LUBBOCK, June --Neighboring states will continue to siphon teachers from Texas schools because of better salaries, Texas' assistant commissioner of education told school business officials at Texas Tech.

The possibility of meeting this competition evidently will have to await the next regular Legislative session, Leon Graham of Austin told a School Business Services Workshop.

The current Legislature has done nothing to change the situation, he pointed out. Graham said legislation also is needed to make consolidation of school districts easier.

More than 50 school district business managers, superintendents and tax assessors attended the two-day meeting Wednesday and Thursday (June 24-25).

School officials participating in the workshop included:

Abernathy--Earl Carter, school business manager; Noel Johnson, superintendent of schools.

Andrews--Glynon O. Kite, accountant; M.O. Woolam, school business manager.

Arlington--Roy Wood, school business manager.

Beeville--Woodrow Ham, school business manager.

Big Spring--Don Crockett, assistant school business manager; Pat Murphy, school business manager.

Brownfield--Dillie M. Kelley, school business manager.

Corpus Christi--Dewitt Fly, accountant.

Crane--Charles Culbertson, school business manager.

Dumas--Ray Schultz, assistant superintendent of the Dumas I.S.D.

Fort Stockton--E.F. Triplett, school business manager; E.L. Howard, school principal.

(MORE)

2--School business services workshop

Hereford--Fred Baird, school business manager.

Kermit--Harold W.P. Miller, school business manager.

Levelland--T.O. Petty, tax collector of South Plains College;
O.R. Watkins, school business manager.

Midland--W.W. Smith, director of business services.

Monahans--Glenn Elord, school business manager of Monahans-
Wickett I.S.D.

New Braunfels--Glyn H. Goff, tax assessor-collector; Emmitt E.
Schmidt, school business manager of the New Braunfels I.S.D.

Odessa--Norman Grine, school purchasing agent; Arthur L.
New, accountant; Charles L. Walker, school business manager.

Petersburg--Leo C. Purvis, superintendent of schools.

Plainview--S.F. Johnson, assistant superintendent of schools.

Post--R.T. Smith, superintendent of schools.

Seminole--H.B. Evans, school business manager; Jimmie W.
Nelson, assistant school business manager; Joe Young, superintendent
of schools.

Slaton--Lee Vardy, superintendent of schools.

Snyder--E.D. Flynn, school business manager.

Sudan--A.O. Gregory, superintendent of schools.

Whiteface--Henry D. Galvin, school business manager and tax
assessor-collector.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Can achievement test scores be upped by cheating?

Some of them can, says a national authority on tests, Dr. Frederick B. Davis of Hunter College, New York City.

Dr. Davis and Dr. Alan G. Krasnoff of the University of Washington at St. Louis are visiting Texas Tech this week to lecture and consult about testing with 30 high school counselors.

The counselors are attending a summer institute on helping gifted children. The course is being underwritten by the National Defense Education Act.

Just how can you beat some achievement tests?

"One way is by answering all the questions whether or not you really know the answers," Dr. Davis replied. "Major parts of most achievement tests have to be based on a multiple choice of answers. By guessing, anyone can hit a rather large percentage of them right."

But Dr. Davis doesn't mind pointing this out. He and other experts have devised test questions and grading formulas that compensate for such trickery.

That's one of the reasons he and Dr. Krasnoff are here this week--to help the counselors learn how to make tests as accurate as possible.

Dr. Krasnoff is holding individual conferences with each of the institute participants, discussing tests that the participants themselves have taken and talking over other testing problems.

Dr. Davis said he thinks illness, unless very serious, causes little variation in test scores.

(More)

2--Davis and Krasnoff

"Motivation is the most important factor in any test," he declared. "A student can overcome fatigue, fever and other affects of ordinary illnesses if he really wants to make a good score on a test."

Dr. Davis admits that achievement tests are fallible because all humans are fallible. But tests do give reasonable and very important indications of persons' abilities, he said.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, --W.D. Watkins of Abilene chairman of Texas Tech's Board of Directors, Wednesday announced a three-man committee of Board members to begin the search for a new Tech president.

C.I. Wall of Amarillo was named committee chairman. Other members are Harold Hinn of Plainview and Douglas Orme of Big Spring.

The committee will make recommendations to the Board on a successor to Dr. E.N. Jones, who has resigned as Tech president, effective Aug. 31, for reasons of health.

Announcement of the committee was made through Tech's public information department.

Wall said the committee will meet for the first time soon to begin a thorough search for a new president. Definite plans will have to await an organizational meeting of the committee, he added.

"We want to get the best man we can for the presidency," Wall said. "Therefore we want to be sure we have explored every possibility before making final recommendations.

The Board's next regularly scheduled meeting is Aug. 22.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

FOR SUNDAY

LUBBOCK, June --More advanced research about the properties of nuclear forces is planned by Dr. Willie E. Phillips, Texas Tech assistant professor of physics.

Phillips, who was awarded his Ph.D. degree in physics last month at Vanderbilt University, will conduct the study as a continuation of his doctoral research.

He will use Texas Tech's new 256-channel analyzer to follow up his three-years of study under an Atomic Energy Commission grant.

He wrote his dissertation on "A Study of the Gamma Ray and Inner Bremsstrahlung Transitions in the Decay of Tin-113."

"Tin-113 is a short-lived isotope," Phillips explained, "It's what we call an electron-capture isotope." In "decaying" it captures one of its orbital electrons which is added to its nucleus

In this process a proton is converted into a neutron and Tin changes its chemical properties to that of Indium, a stable metal.

In the process of electron capture, the nucleus acquires an excess of energy, It gets rid of the energy usually by radiating a gamma ray," he said.

Terming his doctoral study as basic research, Phillips pointed out that "what we really want to know is what holds the nucleus together."

"We know little about the force property of a nucleus or the properties of nuclear forces," he commented. "These forces are unlike any other forces we know. They are neither gravitational, nor like electrical and magnetic forces."

(More)

add-1- Phillips

As a result of his basic research, Phillips thinks that the electron-capture isotopes should give physicists more information than they have thus far been able to "squeeze" out of them.

After Signal Corps duty in World War II that took him to the China-Burma-India theater of operations, Phillips earned a B.S. degree in electrical engineering at Mississippi State. To broaden his education he took a bachelor of divinity degree at Emory University and then earned his M.S. degree in physics at Mississippi State under the direction of Dr. Henry Thomas, now Tech physics department head.

Phillips, whose home is Corinth, Miss., is married to the former Maxie Dodds of Harpersville, Miss. They have two daughters, Martha, 8, and Mary, 6.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

New developments in rocketry and space flight will be viewed by a group of Texas Tech officials and ~~Lubbock~~ Lubbock business leaders Monday and Tuesday (June 29-30) in California.

The group, invited to tour the West Coast operations by Bates Thornton, will include Dr. E.N. Jones, Tech president; and P.C. Callaway, Corpus Christi; Harold Hinn, Plainview; James L. Lindsey, Midland; Douglas Orme, Big Spring; C.I. Wall, Amarillo; and Floyd A. Wooldridge, Houston; all Tech directors.

Thornton is a former student of Texas Tech and is president of Litton Industries.

Lubbock business leaders scheduled to make the trip are Roy Furr, Retha Martin, and George P. Livermore. Other Tech officials on the trip will be Dr. John R. Bradford, engineering dean; William H. Butterfield, development director; and Robert L. Newell, assistant dean of engineering.

Also making the trip will be Douglas K. McLean of Dallas.

Purpose of the tour will be to gain background for possible development of scientific research at Tech and industrial advances in the Lubbock area.

Included in the tour will be a night firing of an ICBM rocket motor, inspection of the Thor missile production line, and visits to Litton Industries, California Institute of Technology, Lockheed and Douglas Aircraft Cos., jet propulsion laboratories and a space technology laboratory at Los Angeles.

(MORE)

2--California tour

At the space technology laboratory, the group will tour an international satellite tracking station, advanced computer center, and data reduction center.

At Litton Industries, they will see a high altitude simulation chamber, inertial platform, and computers.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, --Six swine breeders associations and Texas Tech will combine in offering a swine short course Thursday and Friday (July 9-10) at Tech.

Commercial hog production and efficient marketing will be primary topics of the course, scheduled in Aggie Memorial Auditorium. Approximately 100 breeders are expected for the talks, demonstrations and a swine evaluation contest.

"Which Kind of Hogs?" will be the topic of Dr. Ralph Durham, Tech animal husbandry department head, in the opening talk Thursday morning. Stanley Anderson of Tech will discuss evaluation of live hogs just before a swine evaluation contest, scheduled at 10:30 a.m.

Subjects and speakers Thursday afternoon will be "Life Cycle of Feeding and Management of Swine," Dr. Ray Anderson, Fort Worth; "Leptospirosis as it Affects the Swine Industry," Dr. F.G. Harbaugh, Tech; "Merits of a Boar Testing Program," Dr. Durham; "Boar Testing Stations in Texas," Charles Smallwood, West Texas State.

Other talks will be "Marketing by Grade and Yield," Tuck Foster, Dallas; "Effective Hog Marketing," Ed Synar, Memphis, Tenn.

Friday morning lectures will include "Commercial Hog Production," Arnold Rose, Cawker City, Kan.; "Raising Hogs in Confinement," Tom Hudson, Clovis, N.M.; "Irregularities of Baby Pig Diseases," Dr. Anderson; "Problems in Housing Hogs in Confinement," Dr. Durham.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: AG EDITORS

LUBBOCK, July --The Texas and West Texas Angus Breeders Assns. will hold their annual field day at Texas Tech July 11.

More than 60 breeders of the famous coal-black cattle are expected for a judging contest and lectures.

Judging will start at the Tech beef cattle barn after registration which begins at 9 a.m. Three classes of Angus will be judged. There will be two first prizes--one for men exhibitors, another for lady exhibitors.

First and second prizes will be awarded in FFA and 4-H contests. Stanley Anderson of Tech will preside at the contests.

At 11 a.m. Dr. Ralph Durham, Tech animal husbandry department head, will speak at the barn on correlation of weaning weights and classification scores.

Following a noon barbecue in the Tech judging pavilion, field day participants will gather in the Agriculture building auditorium for six lectures and reports.

Dr. F.G. Harbaugh of Tech will speak on leptospirosis as it affects the beef cattle industry. Anderson will discuss meat-type cattle.

New studies of beef cattle shapes as associated with muscling and performance will be described by Dr. Durham. Milt Miller of Brady, American Angus Assn. field representative, will discuss the situation of Angus cattle today.

A Texas Angus Assn. report will be made by Ronnie Blackwell of Fort Worth, association secretary.

The field day will close with the West Texas Angus Assn.'s annual directors meeting and election of officers.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --An \$1,860 assistantship in entomology has been awarded by Kansas State University to Billy Ray Wiseman, Texas Tech agricultural education senior.

Wiseman, who will receive his B.S. degree in August from Tech's School of Agriculture, has posted a 2.89 (B+) grade average at Tech. He will begin his studies at Kansas State in Manhattan in September.

He is a member of Alpha Zeta, agriculture honor society, and active in the Saddle Tramps, Tech spirit organization, the Aggie Club and Future Farmers of America.

An honor graduate of Sudan High School in 1955, he is the son of Mrs. A.C. Wiseman of Sudan.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Heavy overcast and an ailing C-119 Air Force cargo plane cancelled plans of 24 South Plains school teachers to tour the Air Force Academy at Colorado Springs Thursday.

The group, after a five-hour delay, departed Reese AFB at 12:20 p.m. in the cargo aircraft which was forced to return some 20 minutes later because of engine trouble.

The trip was to be the climax of a special Air Age Workshop sponsored by Texas Tech, the Civil Air Patrol and the aviation industry.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Students who ve had a Texas Tech short course in newer techniques of clothing construction will get a chance to apply the techniques in another Tech workshop Monday through Friday (July 6-10).

Thirteen students completed the techniques course Friday.

The two summer courses are emphasizing the new construction methods developed by Edna Bishop, a nationally recognized authority in such work.

The Bishop techniques speed and simplify garment construction, according to Mrs. Lila Kinchen, associate professor of clothing and textiles who teaches the short courses.

For example, she said, the techniques do away with basting. Methods of cutting grain-perfect are taught.

The applications course also will feature the making of teaching aids for explaining the techniques to homemakers.

###

Coleman O'Brien of Texas Tech will attend a national conference on meat processing and evaluation Monday through Wednesday (June 6-8) at Michigan State University.

Uses of sound and color in evaluating meat will be among the new scientific advances reported at the conference.

O'Brien, who is in charge of meats courses in Tech's animal husbandry department, is on the meat judging manual and contest committee, which meets during the conference.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Forty-eight Texas Tech students made a 3.00 (A) grade average for the 1959 spring semester, the Tech registrar's office has announced.

Those in the School of Agriculture making 3.00 grade averages include:

Bellevue--William S. Gill, junior

Groom--Jimmie L. Eschle, senior

Itasca--Everett R. Mitchell, senior

Stinnett--Billy Roy Womble, junior

Arts and sciences students making 3.00 grade averages are:

Brownfield--Linda G. Moore; William H. Smyra, both sophomores

Coleman--P. Sandra Cox, sophomore

Denver, Colo.--Zoe R. Chinn (1833 S. Lowell Blvd.), senior

El Paso--Ruth S. Heins (101 Anita Circle), junior

Forrest, N.M.--Ronald Reed Miller, senior

Idalou--Gerald K. Lambert, freshman

Lamesa--Sunny K. Barrow, senior; Minnie Weaver, senior

Levelland--Marilyn Guetersloh, senior

Lubbock--William E. Case, sophomore; Margaret L. Condray, senior; Marion P. Lynch, junior; Leslie A. Morris, senior; Zoie H. Newsome, senior; Robert W. Poyner, Jr., junior; C. Kay Prestridge, senior; Shirley Lee Roe, sophomore; Marl Gale Seale, sophomore; Vera L. J. Simpson, freshman; Nancy Pat Tarwater, senior.

Memphis--Billie Jean Stroehle, senior

Muskogee, Okla.--Edith Lorraine Cox (Rt. 2, Box 313), sophomore

Odessa--Jerry M. Kennedy, (4015 Melody Lane), sophomore

Snyder--Ronald G. Smith, sophomore

(MORE)

2--Honor roll

Sudan--Carolyn G. Watkins, junior

Sweetwater--Joyce Nell Bishop, junior

Temple--Margaret A. Malinak (1500 No. 5th), senior

Tulia--Grant F. Carruth, freshman

Wichita Falls--Dorothy Carol Cummings (2416 Inglewood), senior

Three-point averages in the School of Business Administration
were made by:

Bellaire--Norman L. Dreyer, (4980 Willow), senior

Lubbock--Nancy N. Crum, sophomore; Lawrence Merriman, senior;
George Edward Young, sophomore.

Those making "A" averages in the School of Engineering include:

Bowie--Robert D. Shelton, junior

Fort Worth--Theodore A. Dumas (2616 Stuart Dr.), junior;
James L. Luttrell, sophomore.

Lubbock--Don L. Cannon, junior; Leonard Hale, senior;
Leonard Short, senior.

Scotland--Eugene Poirot, senior

University City, Mo.--Bryan E. Giesler (1327 Fairview), senior

Home economics students with "A" averages include:

Littleton, Colo.--Harriett A. Hocker, freshman

Redwood City, Calif.--Winifred L. Parrott, freshman

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: FARM EDITORS

LUBBOCK, July --Range management in semi-arid areas will be discussed in Chihuahua, Mexico, July 7 by Dr. Gerald W. Thomas, Texas Tech dean of agriculture.

He will speak at the dedication of a new experimental ranch established near Chihuahua by the Rockefeller Foundation. J. Rodriguez Adame, secretary of agriculture for Mexico, will formally dedicate the new ranch.

The Mexico Section, American Society of Range Management, is also meeting that day at the ranch. Thomas, who is chairman of the Texas Section of the ASRM, will detail grazing systems for semi-arid ranges in his talk.

Martin H. Gonzales, a former graduate student of Thomas, will be in charge of the new experimental ranch. The day's program also includes Dr. R.W. Richardson, of the Rockefeller Foundation, and Gilberto Valdez, president of the Mexico Section, ASRM.

The ranch, which is 2,856 acres in size, is in the semi-desert area of Chihuahua state, a region that is similar to the foothills of the Big Bend country of Texas.

Experimental studies of grazing rates, reseeding and revegetation will be conducted by Gonzales and his staff, Thomas said. Gonzales holds a M.S. in range management from Texas A&M.

The Tech dean will also assist the ranch director in preparing judging plots prior to the ASMR meeting.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: BUSINESS EDITORS

LUBBOCK, June --The iron and steel industry in Chile is now helping bring an era of economic independence and self-sufficiency that the country has never known before, Dr. David Vigness, Texas Tech historian, reports.

In an article, "Huatchipato: The Story of Iron and Steel in Chile", he gives an account of the recent establishment of Chile's modern steel industry. The report, based on a year of research in Chile as a Fulbright lecturer, appears in the June issue of "Southwestern Social Science Quarterly."

Dr. Vigness considers this new industry to be one of the most important and far-reaching of the developments in recent Chilean history.

Not only will the nation be freed from dependence on outside sources for the product, but Chile will also gain a valuable export commodity.

"Chile is essentially an agricultural nation. The main exports have been copper and nitrate, but everytime there was a dislocation in the international market, such as one caused by war, the nation was in a bad economic condition. This new move is in the interest of national self-sufficiency," Dr. Vigness said.

The associate professor of history is also interested in the impact of a tightly organized industry such as steel on the Chilean way of life which moves at a slower pace than ours.

The coal resources are located 300 miles south of Santiago at Concepcion, near the ocean. The iron is found north of Santiago, but it is also near the ocean so that it can be easily shipped down to Concepcion, he said.

(MORE)

While in Chile as a Fulbright lecturer on American Civilization at the Catholic University of Santiago and the University of Chile, Dr. Vigness met officials and observed the development of the new industry.

The Tech teacher has specialized in Latin American history and has written several articles for historical journals in both English and Spanish.

He earned a B.A. degree in Spanish at the University of Texas in 1943, a M.A. degree in history there in 1948 and a Ph.D. in history at Texas in 1951.

Dr. Vigness is a member of Phi Alpha Theta, honorary history society; Sigma Delta Pi, honorary Spanish society; and Pi Sigma Alpha, political science honorary.

Other memberships include the Texas State Historical Assn., American Historical Assn., Mississippi Valley Historical Assn., the Southern Rocky Mountain Council of Latin American Studies and the Conference on Latin American History of the American Historical Assn.

He is married and has two children, Margaret Ellen, 8, and Richard Martell, 4.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director
FOR RELEASE IN A.M.'S OF SUNDAY, JULY 5
ATTN: Science/Health Editors

LUBBOCK, --One of the greatest dangers of atomic radiation is to tiny babies being formed in their mothers' wombs, research at Texas Tech indicates.

"Studies here with irradiated animals lead us to believe that adult bodily nerve tissue is not as affected by radiation insult as embryonic systems are," said Dr. Sylvan J. Kaplan, Tech psychologist.

Rats irradiated in their mother's womb, have been born with mental deficiencies. Some weird physiological defects have appeared--no eyes, teeth that grow so rapidly they have to be cut like hair, enlarged brains.

By systematically irradiating different animals at different prenatal and postnatal stages with atomic and X-rays, Tech scientists have found that the older tissue is when irradiated, the less the damage is likely to be.

One thing definitely indicated is that radiation levels necessary for pelvic X-rays are not at the dangerous level.

Dr. Kaplan was one of the first Allied Nations representatives to enter Nagasaki, Japan, after that city was demolished by an atomic bomb during World War II.

Since 1949, he has been trying to pin down effects of radiation on humans and animals and how the effects may be prevented or counteracted.

In the past five years, the Atomic Energy Commission and the Institute of Neurological Diseases and Blindness have provided Kaplan with more than \$130,000 to test radiation effects by submitting monkeys and rats to rays. (More)

"Our research also has yielded concrete evidence that radiation affects behavior," Dr. Kaplan said, "But the nature of these effects hasn't been determined. This is due in part to limitations of instruments being used."

He predicted one of the next big steps in radiation research will be the improvement of instruments which measure effects of the rays on behavior.

This will have to be done by teamwork of scientists and technicians who are specialists in highly complicated fields.

Dr. Kaplan has been meeting from time to time with biologists, medical men, and other psychologists and specialists to work on "team" problems.

The meetings are sponsored by the American Institute of Biological Sciences, a National Research Council agency.

"One of our problems is to standardize our equipment to increase the exchange of useful information," Dr. Kaplan said.

At the last meeting, Dr. C.C. Van Cleave of the Atomic Energy Commission reported that Soviet scientists are doing a tremendous amount of research on radiation, particularly where effects on nervous systems are concerned, Dr. Kaplan said.

Dr. Kaplan's research at Tech has provided valuable graduate training as well as scientific data. So far it has allowed students to gather material for a doctoral dissertation, five master's-degree theses and six experimental studies.

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Committee members who selected the winners are Dr. George L. Cross, president, University of Oklahoma; Mrs. Oveta Culp Hobby, president and editor of the Houston Post and former Secretary of Health, Welfare and Education in President Eisenhower's Cabinet; Dr. William V. Houston, president, The Rice Institute; and Dr. John W. Vanderwilt, president, Colorado School of Mines.

All four have served on the committee since the program was inaugurated.

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ATTN: SUNDAY EDITION EDITORS

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"The success of any historical movement ought to be judged by its own terms and values; the extent of its accomplishments ought to be measured against its professed aims and methods.

"Viewed in such fashion, the antislavery movement must be ranked not as a triumph but as one of the major failures of our history," he said.

"This is not to depreciate either the sincerity and nobility of the abolitionists or their ultimate effect upon the course of events. It is to say, however, that they failed to carry out their announced mission," he continued.

The Tech historian looks at the Civil War and the Thirteenth Amendment as being only a "circumstantial victory" because the abolitionists had achieved practically none of their program.

Dillon commented, "not only did the abolitionists believe they were carrying out God's plans to perfect the world, they thought of themselves also as struggling to save the nation from immediate, temporal judgement."

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Presiding at the opening session will be Ray Chappelle of Texas Tech. Walter Labay of Plainview, District One vocational agriculture supervisor, will preside that afternoon, and Clemon Montgomery of Big Spring, District Two supervisor, will head the Wednesday session.

###

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: MUSIC EDITORS

FOR SUNDAY RELEASE:

LUBBOCK, July --Dean M. Killion of Fresno State College in California has been named bands director and assistant professor of music at Texas Tech, effective Sept. 1. Dr. Gene Hemmle, music department head, has announced.

Killion will teach instrumental classes in addition to heading the Tech bands program, which will become a part of Tech's music department. He replaces Dr. D.O. "Prof" Wiley, who resigned this spring to become executive secretary of the Texas Music Educators Assn.

A native of Fairfield, Neb., Killion was graduated with distinction from the University of Nebraska in 1950 with a bachelor of music education degree. He received a master's degree there the following year.

His music career at Nebraska included being featured trumpet soloist with the University Brass Choir in formal concert, and featured trumpet soloist with University Singers on tour. He also served as graduate assistant in the brass department of the School of Music. He later was director of the Brass Choir.

He served as music supervisor and instructor of instrumental music in Sidney, Neb., Public Schools from 1951 to 1955 and his high school band never rated less than "superior" in any contest it entered.

In the 1955 Tri-State Music festival at Enid, Okla., the Sidney band was ranked first of the superior ratings in street parade and was chosen the outstanding band of its class by A.A. Harding, Raymond F. Dvorak and Karl King, recognized band authorities.

(MORE)

2--New band director

In September 1955, he joined the University of Nebraska music school faculty as instructor of brass instruments and assistant director of bands. In addition to teaching duties, he was in charge of training the marching band, arranging band shows, and directing performances.

He was appointed to the Fresno State College faculty as director of bands in 1957 where he has been successful in building the size, quality and prestige of those musical groups.

This summer he is doing doctoral graduate work at the State University of Iowa.

A Navy veteran of World War II, the youthful bandsman was president of the Nebraska University band, president of Sigma Chi social fraternity, a national councilman for Phi Mu Alpha Sinfonia honorary music fraternity and a member of Gamma Lambda band honorary and Pi Kappa Lambda music and scholarship honorary.

He served as vice-president of the Nebraska Music Educators Assn. and received a distinguished service award from the Sidney Junior Chamber of Commerce in 1955. He also directed the Sidney Municipal Band in the summers.

Killion is married and has a daughter and two sons. Mrs. Killion holds a bachelor of music education and master of arts degrees from the University of Nebraska.

In high school, Killion lettered three years in track and basketball and was honorary captain of the basketball team as a senior.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

1 July 59

locals

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Sponsoring the airlift is the Civil Air Patrol, said Col. Ben Lowell, ^{TEXAS} CAP commander at Grand Prairie.

Lowell, who was guest speaker at the Air Age Workshop Wednesday, outlined the two-fold mission of the CAP as chartered by Congress.

"Our purpose is to maintain a pool of trained manpower for air service in national and natural disasters, and to promote and assist in aviation education in all its phases," he told the group.

As the official civilian auxiliary of the Air Force, the CAP has a nation-wide membership of 35,000 senior members and approximately 45,000 cadets between 14 and 18 years of age, he said. The Lubbock CAP squadron, commanded by Capt. J. Roy McCoy, has 35 senior members and approximately 30 cadet members.

The colonel deplored the lack of aviation education in secondary schools as ignoring one of the nation's major industries.

(MORE)

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"Only 12 high schools out of approximately 3,000 in Texas have aviation courses," he said. He urged the teachers to include information about flying and the aviation industry in their classwork.

The CAP with the Air Force and industry assist colleges and universities throughout the nation to sponsor workshops in aviation. He said the CAP training course is available to high schools and is approved by the Texas Education Agency.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK -- The happy talk of growing infants is often missing in a home where the youngster is deaf or hard-of-hearing.

But on the South Plains, many such children are learning to talk with the help of Texas Tech speech therapy students.

When pre-school youngsters are found to be deaf or hard of hearing, they often are referred to the Tech clinic for speech therapy. According to Helen Lindell, acting director of the Speech and Hearing Clinic this summer, there are currently 77 children being aided by 10 Tech student therapists.

At the present time, 250 lessons of one-half hour duration are being given each week to youngsters needing help in learning how to speak correctly.

While most of the child-cases this summer have speech difficulties from other causes, three are deaf and three others are hard-of-hearing and need special audio-aids, Miss Lindell said.

Thus the clinic serves a dual purpose. It provides therapy for speech development. It is conducted by college students who receive invaluable experience during the many hours they work with the children.

Most of the children attending the clinic are referred there by doctors and child psychologists, nurses and teachers.

Often a "non-hearing" infant develops to the normal "babbling" stage and then becomes quiet because sound is not necessarily pleasurable. The child can feel but not hear his own sounds, says Dr. Bernard Landes, clinic director.

(more)

2--speech-hearing clinic

When a non-hearing child comes to the Tech clinic, the first job of a therapist is to gain the child's confidence and then to train him to make use of what ever hearing he may have.

If audio-amplifying devices are useless, the therapist must utilize visual objects to start the child to read lips and making sounds. The next major step, then, is to refine the random babbling to get certain speech sounds.

This requires patient hours of practice by the therapist. With hard-of-hearing children, the technique includes adequate amplification and other stimulation leading to reproduction of sound.

"Hard-of-hearing children have a difficult time with 'fricatives'-- high frequency sounds like those formed by the friction of air through an orifice -- 'th', 'f', 's', and 'sh'," Dr. Landes said.

Such difficulties must be overcome along with the drills for using more than one word at a time. These drills are used to give the children a concept of language.

Totally deaf children must face hours of drills in mimicking lips and producing the proper sounds.

"Some children who lip-read and comprehend well often insist they can hear," noted Miss Lindell. "When they do this, we know they are losing the feeling of being handicapped."

And, that is a major goal of the Speech and Hearing Clinic therapists.

"If the children learn to communicate with their environment, then they may no longer feel different from others," said Miss Lindell, " and they'll be on the way toward leading a more normal life."

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Department of Public Relations
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, July --

High school guidance counselors are benefitting from advice by area teenagers --and vice-versa -- at a special institute being held at Texas Tech.

Thirty high-ability students from area communities who took three days of intensive tests returned to the Tech campus last week for personal interviews based on the test results. They also gave their views of the counselors' techniques.

"Counseling is no job for amateurs," said Dr. Beatrice Cobb, director of the counseling and guidance institute being conducted by Tech's psychology department and the U.S. Department of Health. "It requires special skills -- educational and psychological -- to counsel high school students."

High school counselors must be able to give educational advisement as well as help with personal problems of teenagers, she said, and the institute is giving supervised experience in both these fields.

She pointed out that the 30 area high schoolers participating in the institute's testing program did a great service to the program.

"We hope that the students have learned something of themselves," she said. "They certainly have helped the counselors to understand high school students better and to improve their counseling techniques."

When asked, the 30 students gave frank opinions about the individual counselor's methods of questioning and advising they observed.

The educational diagnostic battery of tests taken by the high schoolers delved into their aptitudes, mental abilities, study habits, personality and achievements.

(more)

2-Guidance institute

Later the counselors discussed the test results with the students, comparing what one test revealed with another section.

The tests are only one method high school counselors use to help youngsters know themselves better. Talking with them about their aspirations and abilities and helping them reach decisions is another goal of a counselor, Dr. Cobb said.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --Forty-eight Texas Tech students made a 3.00 (A) grade average for the 1959 spring semester, the Tech registrar's office has announced.

Those in the School of Agriculture making 3.00 grade averages include:

Bellevue--William S. Gill, junior

Groom--Jimmie L. Eschle, senior

Itasca--Everett R. Mitchell, senior

Stinnett--Billy Roy Womble, junior

Arts and sciences students making 3.00 grade averages are:

Brownfield--Linda G. Moore; William H. Smyrl, both sophomores

Coleman--P. Sandra Cox, sophomore

Denver, Colo.--Zoe R. Chinn (1833 S. Lowell Blvd.), senior

El Paso--Ruth S. Heins (101 Anita Circle), junior

Forrest, N.M.--Ronald Reed Miller, senior

Idalou--Gerald K. Lambert, freshman

Lamesa--Sunny K. Barrow, senior; Minnie Weaver, senior

Levelland--Marilyn Guetersloh, senior

Lubbock--William E. Case, sophomore; Margaret L. Condray, senior; Marion P. Lynch, junior; Leslie A. Morris, senior; Zoie H. Newsome, senior; Robert W. Poyner, Jr., junior; C. Kay Prestridge, senior; Shirley Lee Roe, sophomore; Marl Gale Seale, sophomore; Vera L. J. Simpson, freshman; Nancy Pat Tarwater, senior.

Memphis--Billie Jean Stroehle, senior

Muskogee, Okla.--Edith Lorraine Cox (Rt. 2, Box 313), sophomore

Odessa--Jerry M. Kennedy, (4015 Melody Lane), sophomore

Snyder--Ronald G. Smith, sophomore

(MORE)

2--Honor roll

Sudan--Carolyn G. Watkins, junior

Sweetwater--Joyce Nell Bishop, junior

Temple--Margaret A. Malinak (1500 No. 5th), senior

Tulia--Grant F. Carruth, freshman

Wichita Falls--Dorothy Carol Cummings (2416 Inglewood), senior

Three-point averages in the School of Business Administration
were made by:

Bellaire--Norman L. Dreyer, (4980 Willow), senior

Lubbock--Nancy N. Crum, sophomore; Lawrence Merriman, senior;
George Edward Young, sophomore.

Those making "A" averages in the School of Engineering include:

Bowie--Robert D. Shelton, junior

Fort Worth--Theodore A. Dumas (2616 Stuart Dr.), junior;
James L. Luttrell, sophomore.

Lubbock--Don L. Cannon, junior; Leonard Hale, senior;
Leonard Short, senior.

Scotland--Eugene Poirot, senior

University City, Mo.--Bryan E. Giesler (1327 Fairview), senior

Home economics students with "A" averages include:

Littleton, Colo.--Harriett A. Hocker, freshman

Redwood City, Calif.--Winifred L. Parrott, freshman

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Department of Public Information
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ATTN: FARM EDITORS

LUBBOCK, July --Range management in semi-arid areas will be discussed in Chihuahua, Mexico, July 7 by Dr. Gerald W. Thomas, Texas Tech dean of agriculture.

He will speak at the dedication of a new experimental ranch established near Chihuahua by the Rockefeller Foundation. J. Rodriguez Adame, secretary of agriculture for Mexico, will formally dedicate the new ranch.

The Mexico Section, American Society of Range Management, is also meeting that day at the ranch. Thomas, who is chairman of the Texas Section of the ASRM, will detail grazing systems for semi-arid ranges in his talk.

Martin H. Gonzales, a former graduate student of Thomas, will be in charge of the new experimental ranch. The day's program also includes Dr. R.W. Richardson, of the Rockefeller Foundation, and Gilberto Valdez, president of the Mexico Section, ASRM.

The ranch, which is 2,856 acres in size, is in the semi-desert area of Chihuahua state, a region that is similar to the foothills of the Big Bend country of Texas.

Experimental studies of grazing rates, reseeding and revegetation will be conducted by Gonzales and his staff, Thomas said. Gonzales holds a M.S. in range management from Texas A&M.

The Tech dean will also assist the ranch director in preparing judging plots prior to the ASMR meeting.

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ATTN: BUSINESS EDITORS

LUBBOCK, June --The iron and steel industry in Chile is now helping bring an era of economic independence and self-sufficiency that the country has never known before, Dr. David Vigness, Texas Tech historian, reports.

In an article, "Huatchipato: The Story of Iron and Steel in Chile", he gives an account of the recent establishment of Chile's modern steel industry. The report, based on a year of research in Chile as a Fulbright lecturer, appears in the June issue of "Southwestern Social Science Quarterly."

Dr. Vigness considers this new industry to be one of the most important and far-reaching of the developments in recent Chilean history.

Not only will the nation be freed from dependence on outside sources for the product, but Chile will also gain a valuable export commodity.

"Chile is essentially an agricultural nation. The main exports have been copper and nitrate, but everytime there was a dislocation in the international market, such as one caused by war, the nation was in a bad economic condition. This new move is in the interest of national self-sufficiency," Dr. Vigness said.

The associate professor of history is also interested in the impact of a tightly organized industry such as steel on the Chilean way of life which moves at a slower pace than ours.

The coal resources are located 300 miles south of Santiago at Concepcion, near the ocean. The iron is found north of Santiago, but it is also near the ocean so that it can be easily shipped down to Concepcion, he said.

(MORE)

2--New Chilean industry

While in Chile as a Fulbright lecturer on American Civilization at the Catholic University of Santiago and the University of Chile, Dr. Vigness met officials and observed the development of the new industry.

The Tech teacher has specialized in Latin American history and has written several articles for historical journals in both English and Spanish.

He earned a B.A. degree in Spanish at the University of Texas in 1943, a M.A. degree in history there in 1948 and a Ph.D. in history at Texas in 1951.

Dr. Vigness is a member of Phi Alpha Theta, honorary history society; Sigma Delta Pi, honorary Spanish society; and Pi Sigma Alpha, political science honorary.

Other memberships include the Texas State Historical Assn., American Historical Assn., Mississippi Valley Historical Assn., the Southern Rocky Mountain Council of Latin American Studies and the Conference on Latin American History of the American Historical Assn.

He is married and has two children, Margaret Ellen, 8, and Richard Martell, 4.

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ATTN: MUSIC EDITORS
FOR SUNDAY RELEASE:

LUBBOCK, July --Dean M. Killion of Fresno State College in California has been named bands director and assistant professor of music at Texas Tech, effective Sept. 1, Dr. Gene Hemmle, music department head, has announced.

Killion will teach instrumental classes in addition to heading the Tech bands program, which will become a part of Tech's music department. He replaces Dr. D.O. "Prof" Wiley, who resigned this spring to become executive secretary of the Texas Music Educators Assn.

A native of Fairfield, Neb., Killion was graduated with distinction from the University of Nebraska in 1950 with a bachelor of music education degree. He received a master's degree there the following year.

His music career at Nebraska included being featured trumpet soloist with the University Brass Choir in formal concert, and featured trumpet soloist with University Singers on tour. He also served as graduate assistant in the brass department of the School of Music. He later was director of the Brass Choir.

He served as music supervisor and instructor of instrumental music in Sidney, Neb., Public Schools from 1951 to 1955 and his high school band never rated less than "superior" in any contest it entered.

In the 1955 Tri-State Music festival at Enid, Okla., the Sidney band was ranked first of the superior ratings in street parade and was chosen the outstanding band of its class by A.A. Harding, Raymond F. Dvorak and Karl King, recognized band authorities.

(MORE)

2--New band director

In September 1955, he joined the University of Nebraska music school faculty as instructor of brass instruments and assistant director of bands. In addition to teaching duties, he was in charge of training the marching band, arranging band shows, and directing performances.

He was appointed to the Fresno State College faculty as director of bands in 1957 where he has been successful in building the size, quality and prestige of those musical groups.

This summer he is doing doctoral graduate work at the State University of Iowa.

A Navy veteran of World War II, the youthful bandsman was president of the Nebraska University band, president of Sigma Chi social fraternity, a national councilman for Phi Mu Alpha Sinfonia honorary music fraternity and a member of Gamma Lambda band honorary and Pi Kappa Lambda music and scholarship honorary.

He served as vice-president of the Nebraska Music Educators Assn. and received a distinguished service award from the Sidney Junior Chamber of Commerce in 1955. He also directed the Sidney Municipal Band in the summers.

Killion is married and has a daughter and two sons. Mrs. Killion holds a bachelor of music education and master of arts degrees from the University of Nebraska.

In high school, Killion lettered three years in track and basketball and was honorary captain of the basketball team as a senior.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Heavy overcast and an ailing C-119 Air Force cargo plane cancelled plans of 24 South Plains school teachers to tour the Air Force Academy at Colorado Springs Thursday.

The group, after a five-hour delay, departed Reese AFB at 12:20 p.m. in the cargo aircraft which was forced to return some 20 minutes later because of engine trouble.

The trip was to be the climax of a special Air Age Workshop sponsored by Texas Tech, the Civil Air Patrol and the aviation industry.

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SCHOOL

Supt. _____

teachers _____ # grads _____ # buildings _____ Area _____

Assesed value of plant \$ _____ District \$ _____

New additions planed _____

Latest additions _____

Board membe rs _____ (pres)

_____ (sec) _____ (VP)

Outstanding features _____

PRODUCTS:

Cotton, 1959 _____ bales. Tens grain 1959 _____

Other _____

Irrigation wells _____ Acres irrigated land _____

Gins _____ # Elevators _____ Railroad _____

CHURCHES:

Minister:

New buildings or city improvements: _____

Department of Public Information
Texas Technological College
Adrian Vaughan, Director

Students who've had a Texas Tech short course in newer techniques of clothing construction will get a chance to apply the techniques in another Tech workshop Monday through Friday (July 6-10).

Thirteen students completed the techniques course Friday.

The two summer courses are emphasizing the new construction methods developed by Edna Bishop, a nationally recognized authority in such work.

The Bishop techniques speed and simplify garment construction, according to Mrs. Lila Kinchen, associate professor of clothing and textiles who teaches the short courses.

For example, she said, the techniques do away with basting. Methods of cutting grain-perfect are taught.

The applications course also will feature the making of teaching aids for explaining the techniques to homemakers.

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Coleman O'Brien of Texas Tech will attend a national conference on meat processing and evaluation Monday through Wednesday (June 6-8) at Michigan State University.

Uses of sound and color in evaluating meat will be among the new scientific advances reported at the conference.

O'Brien, who is in charge of meats courses in Tech's animal husbandry department, is on the meat judging manual and contest committee, which meets during the conference.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

UBBOCK -- The happy talk of growing infants is often missing in a home where the youngster is deaf or hard-of-hearing.

But on the South Plains, many such children are learning to talk with the help of Texas Tech speech therapy students.

When pre-school youngsters are found to be deaf or hard of hearing, they often are referred to the Tech clinic for speech therapy. According to Helen Lindell, acting director of the Speech and Hearing Clinic this summer, there are currently 77 children being aided by 10 Tech student therapists.

At the present time, 250 lessons of one-half hour duration are being given each week to youngsters needing help in learning how to speak correctly.

While most of the child-cases this summer have speech difficulties from other causes, three are deaf and three others are hard-of-hearing and need special audio-aids, Miss Lindell said.

Thus the clinic serves a dual purpose. It provides therapy for speech development. It is conducted by college students who receive invaluable experience during the many hours they work with the children.

Most of the children attending the clinic are referred there by doctors and child psychologists, nurses and teachers.

Often a "non-hearing" infant develops to the normal "babbling" stage and then becomes quiet because sound is not necessarily pleasurable. The child can feel but not hear his own sounds, says Dr. Bernard Landes, clinic director.

(more)

2--speech-hearing clinic

When a non-hearing child comes to the Tech clinic, the first job of a therapist is to gain the child's confidence and then to train him to make use of what ever hearing he may have.

If audio-amplifying devices are useless, the therapist must utilize visual objects to start the child to read lips and making sounds. The next major step, then, is to refine the random babbling to get certain speech sounds.

This requires patient hours of practice by the therapist. With hard-of-hearing children, the technique includes adequate amplification and other stimulation leading to reproduction of sound.

"Hard-of-hearing children have a difficult time with 'fricatives'-- high frequency sounds like those formed by the friction of air through an orifice -- 'th', 'f', 's', and 'sh'," Dr. Landes said.

Such difficulties must be overcome along with the drills for using more than one word at a time. These drills are used to give the children a concept of language.

Totally deaf children must face hours of drills in mimicking lips and producing the proper sounds.

"Some children who lip-read and comprehend well often insist they can hear," noted Miss Lindell. "When they do this, we know they are losing the feeling of being handicapped."

And, that is a major goal of the Speech and Hearing Clinic therapists.

"If the children learn to communicate with their environment, then they may no longer feel different from others," said Miss Lindell, " and they'll be on the way toward leading a more normal life."

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Department of Public Relations
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, July --

High school guidance counselors are benefitting from advice by area teenagers --and vice-versa -- at a special institute being held at Texas Tech.

Thirty high-ability students from area communities who took three days of intensive tests returned to the Tech campus last week for personal interviews based on the test results. They also gave their views of the counselors' techniques.

"Counseling is no job for amateurs," said Dr. Beatrice Cobb, director of the counseling and guidance institute being conducted by Tech's psychology department and the U.S. Department of Health. "It requires special skills -- educational and psychological -- to counsel high school students."

High school counselors must be able to give educational advisement as well as help with personal problems of teenagers, she said, and the institute is giving supervised experience in both these fields.

She pointed out that the 30 area high schoolers participating in the institute's testing program did a great service to the program.

"We hope that the students have learned something of themselves," she said. "They certainly have helped the counselors to understand high school students better and to improve their counseling techniques."

When asked, the 30 students gave frank opinions about the individual counselor's methods of questioning and advising they observed.

The educational diagnostic battery of tests taken by the high schoolers delved into their aptitudes, mental abilities, study habits, personality and achievements.

(more)

2-Guidance institute

Later the counselors discussed the test results with the students, comparing what one test revealed with another section.

The tests are only one method high school counselors use to help youngsters know themselves better. Talking with them about their aspirations and abilities and helping them reach decisions is another goal of a counselor, Dr. Cobb said.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, --Six swine breeders associations and Texas Tech will combine in offering a swine short course Thursday and Friday (July 9-10) at Tech.

Commercial hog production and efficient marketing will be primary topics of the course, scheduled in Aggie Memorial Auditorium. Approximately 100 breeders are expected for the talks, demonstrations and a swine evaluation contest.

"Which Kind of Hogs?" will be the topic of Dr. Ralph Durham, Tech animal husbandry department head, in the opening talk Thursday morning. Stanley Anderson of Tech will discuss evaluation of live hogs just before a swine evaluation contest, scheduled at 10:30 a.m.

Subjects and speakers Thursday afternoon will be "Life Cycle of Feeding and Management of Swine," Dr. Ray Anderson, Fort Worth; "Leptospirosis as it Affects the Swine Industry," Dr. F.G. Harbaugh, Tech; "Merits of a Boar Testing Program," Dr. Durham; "Boar Testing Stations in Texas," Charles Smallwood, West Texas State.

Other talks will be "Marketing by Grade and Yield," Tuck Foster, Dallas; "Effective Hog Marketing," Ed Synar, Memphis, Tenn.

Friday morning lectures will include "Commercial Hog Production," Arnold Rose, Cawker City, Kan.; "Raising Hogs in Confinement," Tom Hudson, Clovis, N.M.; "Irregularities of Baby Pig Diseases," Dr. Anderson; "Problems in Housing Hogs in Confinement," Dr. Durham.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

ATTN: AG EDITORS

LUBBOCK, July --The Texas and West Texas Angus Breeders Assns. will hold their annual field day at Texas Tech July 11.

More than 60 breeders of the famous coal-black cattle are expected for a judging contest and lectures.

Judging will start at the Tech beef cattle barn after registration which begins at 9 a.m. Three classes of Angus will be judged. There will be two first prizes--one for men exhibitors, another for lady exhibitors.

First and second prizes will be awarded in FFA and 4-H contests. Stanley Anderson of Tech will preside at the contests.

At 11 a.m. Dr. Ralph Durham, Tech animal husbandry department head, will speak at the barn on correlation of weaning weights and classification scores.

Following a noon barbecue in the Tech judging pavilion, field day participants will gather in the Agriculture building auditorium for six lectures and reports.

Dr. F.G. Harbaugh of Tech will speak on leptospirosis as it affects the beef cattle industry. Anderson will discuss meat-type cattle.

New studies of beef cattle shapes as associated with muscling and performance will be described by Dr. Durham. Milt Miller of Brady, American Angus Assn. field representative, will discuss the situation of Angus cattle today.

A Texas Angus Assn. report will be made by Ronnie Blackwell of Fort Worth, association secretary.

The field day will close with the West Texas Angus Assn.'s annual directors meeting and election of officers.

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Department of Public Information
Texas Technological College
Adrian Vaughan, Director

LUBBOCK, June --An \$1,860 assistantship in entomology has been awarded by Kansas State University to Billy Ray Wiseman, Texas Tech agricultural education senior.

Wiseman, who will receive his B.S. degree in August from Tech's School of Agriculture, has posted a 2.89 (B+) grade average at Tech. He will begin his studies at Kansas State in Manhattan in September.

He is a member of Alpha Zeta, agriculture honor society, and active in the Saddle Tramps, Tech spirit organization, the Aggie Club and Future Farmers of America.

An honor graduate of Sudan High School in 1955, he is the son of Mrs. A.C. Wiseman of Sudan.

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