

Date	STORIES & CUTLINES	Locals	State	Reg.	HT's	EXPLANATION
1-6-2-69	Southwestern Craftsman's Exhibition					
3-6-2-69	International Conf. on Arctic Lands Tucson, Ariz					
2-6-2-69	Richard G. Julsonnet - awarded <sup>Honolulu</sup> <del>Gold</del> <sup>Gold</sup> <del>Pass</del> overseas travel					
4-6-3-69	Prof. P.K. Koh - Melaturgist					
5-6-3-69	Retal Research Institute in <sup>50 extra cc.</sup> Hualung, Taiwan					
6-6-3-69	Spil Carter - awarded \$500 scholarship					
7-6-4-69	Druffia Security on Campus					Special mailing
8-6-4-69	Smithsonian + Swast Tech					Dr. daly
9-6-4-69	Richard Spare					Victoria <sup>Annals</sup> Brownwood
10-6-4-69	Mr. John H. Wade - Law					
11-6-4-69	James Jayce Symposium					
12-6-4-69	Registration (cultural)					
13-6-4-69	Registration <del>to</del>					
14-6-4-69	Computer Services (cultural)					
15-6-4-69	James Jayce Symposium (cultural)					

Date	STORIES & CUTLINES	Locals	State	Reg.	HT'S	EXPLANATION
+√ 16-6-6-69	Agromony Experiment ✓			✓		Farm Leds.
+√ 17-6-6-69	James Joyce Symposium					
+√ 18-6-6-69	College Work Study Program					
+√ 19-6-6-69	Jerry Ramsey - Univ. of Michigan Confer.					
+√ 20-6-6-69	Russel Seacut - Coler. Cong.					
+√ 21-6-6-69	Course for Bilingual Teachers					Carpuzakush, McALLEN Kerrville,
+√ 22-6-6-69	Agro. Bill Allen, + Harris					
+√ 23-6-6-69	Computer Sources ✓					
+√ 24-6-6-69	Newell's Travel to Europe ✓					
+√ 25-6-6-69	Hum. Environ. Congr. Short Course					
+√ 26-6-6-69	School of Education Graduates					
+√ 27-6-6-69	Professors Emeriti ✓					Special Mailing
+√ 28-6-6-69	Unipact Production Workshop					
+√ 29-6-6-69	Final Registration ✓					



June 3, 1969

MEMO

TO: Vice Presidents, Deans, Chairmen of Departments.

FROM: Division of Information Services

This office is publishing a permanent desk calendar for Tech faculty and staff which will include events for the 1969-70 academic year.

In order to make this calendar as complete and accurate as possible, we would like a list of all workshops, short courses and other major events which your department has planned for the 1969-70 academic year.

Each event should be accompanied with the scheduled date, hour and place.

This information should reach our office no later than June 23 so that we can have the calendar available by the time classes begin in August.

Thank you for your consideration in this matter.

*Lag*

This release distributed 6-2-69  
to Lubbock news media

LUBBOCK -- Works by four members of Texas Tech's Art Department are included in the Southwestern Craftsman's Exhibition which opens Friday (June 6) in the International Folk Art Museum in Santa Fe.

Represented are Profs. Frances Stephen and Betty Street and instructors Dick Evans and George Sacco.

Stephen is showing two small silver sculptures, each with a pin which may be removed and worn as an ornament. Miss Street is represented by two woven pieces, a wool rug with an inlaid fur design and a wall hanging in shades of red.

Evans entered a large bowl with a red and brown slip decoration and Sacco has a free blown glass piece in the show.

The exhibition was juried by James A. McGrath, Director of Arts at the Institute of American Arts in Santa Fe. The show will remain open through Sept. 14.

-30-

1-6-2-69

By Emil Carmichael

*Log*

This release distributed 6-3-69  
to Lubbock news media

LUBBOCK -- Texas Tech economics major Richard B. Julsonnet of El Paso was notified Wednesday (June 4) that he has been awarded an overseas opportunity to study at Bourges, France, during the 1969-70 academic year.

He will participate in the Foreign Studies Program of Dartmouth College, living with a French family and attending an auxiliary institution of the University of Paris.

He applied for the opportunity through Texas Tech's International Student Services office which supplies information for students seeking overseas travel and study experiences.

Julsonnet, the son of Mrs. A. M. Julsonnet of (1410 Likins) El Paso, was an outstanding athlete while a student at Burges High School in El Paso and at Radford High School in Honolulu. He will spend his fourth summer as Mountain View, Calif., Recreation Department leader before leaving for France Sept. 14.

-30-

2-6-3-69

By B. Zeeck

*Log*

This release distributed 6-3-69  
to Lubbock news media

LUBBOCK -- Two Texas Tech professors will present papers and four other members of the faculty will represent the university at an International Conference on Arid Lands in a Changing World June 3-13 at the University of Arizona at Tucson.

The Committee on Arid Lands, American Association for the Advancement of Science (AAAS) is sponsor of the meeting.

Agricultural Engineering Prof. Marvin J. Dvoracek will present a paper on the "Use of Wells and Pits to Recharge Underground Formations in Semi-Arid Areas" for the hydrology session, June 12.

Chairman Joseph L. Schuster of the Department of Range and Wildlife Management will present one of several papers during the range management session.

Dr. Schuster, who is project leader for Brush Control Studies at Texas Tech, will discuss "New Approaches to Brush Control in Texas" June 10, and he will participate in a field trip to the Santa Rita Experiment Range, the oldest research range in the United States.

He will attend meetings of the American Society of Range Management President's Advisory Council June 12, a meeting held in conjunction with the international conference.

-More-

Add one -- International Conference on Arid Lands.

Dean Gerald W. Thomas of the School of Agricultural Sciences attended the earliest session of the conference when an arid lands book of which he is a co-author was released. The book, "Arid Lands in Perspective," included a chapter by Thomas and Prof. Thadis W. Box, director-at-large of Texas Tech's International Center for Arid and Semi-Arid Land Studies. Dr. Thomas also will represent the International Center at the meeting as deputy director for agricultural sciences and home economics.

Chairman Richard B. Mattox of the Department of Geosciences is a member of the AAAS Committee on Arid Lands. Other representatives from Texas Tech include International Center Deputy Directors Idris R. Traylor and John C. Gilliam. Dr. Traylor is deputy director for the arts and humanities and is chairman of the board of deputy directors. Dr. Gilliam, associate dean of the School of Business Administration, is deputy director for the business sciences.

-30-

3-6-3-69

By B. Zeeck

4  
Lag

This release distributed 6-3-69  
to Lubbock news media

LUBBOCK -- Texas Tech Mechanical Engineering Prof. P.K. Koh, whose specialty is metallurgy, will serve in the summers of 1969 and 1970 as a associate director of the Metal Research Institute of the Ministry for Economic Affairs in Taiwan's southernmost city of Kaohsiung.

Dr. Koh, who teaches materials science, was invited by Dr. C. K. Ken, vice president and chairman of the Executive Yuan of the Republic of China, to take over the summer post.

"Because of a dire shortage of senior technologists in Taiwan," Prof. Koh said, "I was invited to serve in the training of research personnel and in the planning of the Metal Research Institute."

In addition to teaching one course daily in materials science and another in X-ray diffractions methods and analysis, Dr. Koh will serve as a consultant.

Traveling with Dr. Koh will be his wife, Jean, who, as instructor of Chinese, will be teaching th beginning and advanced courses in that language at Texas Tech next fall.

Taiwan's new Metal Research Institute is an outgrowth of the Metal Industries Development Centre which had the cooperative sponsorship of the United Nations, the United States government and that of Nationalist China.

The new institute will carry on the industrial development begun by the centre and also initiate basic and technical research in materials science and in the development of techniques for metals refining, processing, fabrication and treating.

Lag

This release distributed 6-3-69  
to Lubbock news media

LUBBOCK -- A special call went out today for technical reference publications in all branches of science and engineering for the newly established Metal Research Institute in Kaoshiung, Taiwan.

Texas Tech Prof. P.K. Koh, metallurgist who teaches materials science in the Department of Mechanical Engineering, asked for the donations to "accelerate the development of embryonic scientific and engineering groups in Taiwan much more effectively than has the past practice of offering touring lecturers."

Dr. Koh will spend the summers of 1969 and 1970 as associate director of the institute which is governed by Nationalist China's Ministry for Economic Affairs.

The institute is the outgrowth of the former Metal Industries Development Centre, established under the auspices of the International Labor Organization of the United Nations as a cooperative effort in industrial development between the United States and the Republic of China.

Books, shipped at 11 pounds per package, go overseas at a lower rate than the domestic book rate, Dr. Koh pointed out, and do not allow a tax deduction.

He said they are needed in these fields: metallurgy and materials science; physics and chemistry; mathematics, and technology in almost every field. In addition to books, journals, periodicals, handbooks, encyclopedias, dictionaries and standards are desperately needed.

Shipments will be acknowledged and should be addressed to :

Robert P. Chen  
Metal Research Institute  
Box 232  
Kaohsiung, Taiwan  
The Republic of China

*Lag*

This release distributed 6-3-69  
to Lubbock news media

LUBBOCK -- Gail Carter, Texas Tech home economics major from Abilene, was notified Wednesday (June 3) of her award of a \$500 scholarship administered by the American Dietetic Association.

Miss Carter will be a senior next year in the School of Home Economics. Her principal interest is therapeutic dietetics. She is president of Phi Upsilon Omicron, honorary organization for students of home economics, and vice president of the Texas Tech chapter of the American Home Economics Association.

She earlier was awarded the Texas Dietetic Association's scholarship of \$250 for 1969-70.

The Department of Food and Nutrition announced earlier that Miss Carter will spend the summer at Kent University in Ohio as a participating student and trainee in a practicum sponsored by the Association of College and University Officers.

She is the daughter of Mr. and Mrs. L. Lloyd Carter, 2510 Woodridge, Abilene, Tex.

-30-

6-6-3-69

By B. Zeeck

*Log*

This release distributed 6-4-69  
to Lubbock news media

LUBBOCK -- A cooperative agreement between the Smithsonian Institution and Texas Tech's International Center for Arid and Semi-Arid Land Studies was announced Wednesday (June 4) by President Grover E. Murray.

"The memorandum of understanding is designed to provide for cooperation in research, teaching and public service programs dealing with man in an arid or semi-arid environment," Dr. Murray said.

"It is anticipated that cooperative efforts between the two institutions will improve the effectiveness of each in carrying out its objectives and goals," he said.

Under the agreement, according to Dr. Murray, the institutions will work cooperatively to strengthen programs related to arid lands, encourage the free flow of information and provide opportunities for faculty or staff exchange. Specific proposals will be developed as the need arises.

Instrumental in establishing the liaison between the national museum and the university, Dr. Murray said, was Stephen F. de Borhegyi, director of the Milwaukee Public Museum and a consulting professor at Texas Tech. Dr. Borhegyi was a participant in the 1969 World Affairs Conference at Texas Tech and spent several days on campus in March.

The President said that each institution will continue to have individuals and departments conducting research on problems of aridity, while the memorandum of understanding provides "the basic mechanism" for cooperative studies.

"Certain projects can be more effectively conducted by utilizing the personnel and facilities of two or more institutions," he said, "and this agreement facilitates such cooperation."

-More-

Add one -- Smithsonian such cooperation

In the area of public service, he said, effectiveness can be increased for service or continuing education activities through joint planning and participation.

"Through this agreement, personnel of both the Smithsonian and Texas Tech are encouraged to work together to conduct short courses, symposia, conferences and other public service activities relating to man and his environment," Dr. Murray said.

Prof. Idris R. Traylor, chairman of the International Center's Board of Deputy Directors, said that the Center welcomed the new opportunities presented through the agreement.

"We have had particularly fine relations with the Smithsonian during the International Center's Focus on the Arts this spring," he commented, "and the Center looks forward to continuing and expanding our cooperative efforts."

Paul Gardner, curator of ceramics and glass for the Smithsonian Institution, was the judge for the first ICASALS Juried Competition in sculpture, pottery, jewelry and blown glass in May. During the five-month Focus on the Arts on the Texas Tech campus numerous exhibits were provided by the Smithsonian through the cooperative efforts of Mrs. Dorothy Van Arsdale, who directs the national museum's traveling exhibitions.

-30-

8-6-4-60

By B. Zeeck

*Lag*

This release distributed 6-4-69  
to Lubbock news media

LUBBOCK -- Richard L. Spore of Brownwood and Lubbock Wednesday (June 4) was presented a \$600 Summer Fellowship Award from the Diamond Shamrock Corporation to continue his graduate studies in chemical engineering at Texas Tech.

Spore, a veteran of Vietnam and a 1966 graduate of Tech, was presented the award by Robert C. Gleason, college relations representative for the Diamond Shamrock Oil and Gas Company of Amarillo.

Chairman George F. Meenaghan of the Department of Chemical Engineering said Spore was selected on the basis of scholarship, character and his special interest in oil and related industries.

"The department is particularly grateful," he said, "for Diamond Shamrock's interest and confidence in the work we are doing at Texas Tech. We feel that Spore meets well the qualifications industry is seeking in future engineers."

Spore and his wife, Martha, and their two-year-old son, Steven, live at 3719-B 30th Street.

He began his graduate studies last January after completing a tour of duty with the Army Corps of Engineers. He began his voluntary assignment to Vietnam in April, 1967, and served at Engineer Command Headquarters at Long Binh, RVN, through November, 1967, and with the 27th Combat Engineer Battalion at Long Gios. Reassigned to Fort Hood, April, 1968, he served as commanding officer, E Company, 2nd Armored Division, until his discharge last December.

Before his military service, he was employed by Dupont Chemical Company at Victoria, as process engineer.

He was graduated from Brownwood (Tex.) High School in 1961.

*Lag*

This Release distributed 6-4-69  
to Lubbock News Media

LUBBOCK -- Dean John W. Wade of Vanderbilt University's School of Law is a visiting professor of law at Texas Tech for the first summer session which got under way Wednesday (June 4).

A specialist in the fields of restitution, torts and conflict of laws, Dr. Wade is the author of "Cases and Materials on Restitution" published in 1966. His course at Tech is entitled "Restitution."

He is a past president of the Southeastern Conference of Law Teachers and is a member of the Executive Committee of the American Association of Law Schools, the Executive Committee of the Lawyers Commission on Civil Rights Under Law, and the Board of Directors of the American Judicature Society and of the American Law Institute Council.

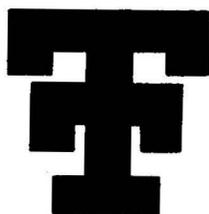
Dr. Wade holds degrees from the University of Mississippi and the Harvard Law School and has been advisor to the reporter of the Restatement of Torts since 1956.

-30-

10-6-4-69

By Emil Carmichael

# **T NEWS**



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

*Log*

**LUBBOCK -- A major academic event of the spring semester -- Texas Tech's symposium on Irish author James Joyce -- will move into the international spotlight this month.**

**An exhibit featuring highlights of the February meeting at Tech will be shown at the Second International James Joyce Symposium June 10-16 in Dublin, Ireland, Dr. W.T. Zyla has announced.**

**Zyla is chairman of Tech's Interdepartmental Committee on Comparative Literature which sponsored the symposium here.**

**Included in the exhibit are mounted photographs of symposium speakers, examples of Tech's award-winning James Joyce poster, samples of program pamphlets and copies of "James Joyce: His Place in World Literature," a volume of symposium proceedings printed by Tech Press.**

**The poster, a portrait of Joyce in tempera executed by Jerry Kelly, staff artist of Tech's Division of Information Services, captured top honors at the recent Southwest Conference of the American College Public Relations Association (ACPRA) in Santa Fe.**

**Dr. Thomas F. Staley of the University of Tulsa (Okla.), editor of the "James Joyce Quarterly," and a chairman of the international symposium, will represent Tech at the Dublin meeting.**

**He is among the Joyce scholars who participated in the Tech symposium, several of whom also are slated to address sessions of the Dublin conference at Trinity College and the Gresham Hotel.**

**After the symposium closes, the Tech exhibit will remain in Dublin for display in the permanent collection of the James Joyce Library or museum, Zyla said.**

-30-

12-6-4-69

By Emil Carmichael



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Peity, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

*Log*

cutlines-----

ANOTHER BEGINNING -- Typical of another registration period at Texas Tech was this scene Wednesday (June 4) at the office of Undergraduate Admissions. Wrapping up pre-registration details are, from left, Mrs. Pat Moody, teacher aid from Plainview; Barbara Rieck of Brownfield, secondary education major; and Marvin Robinowitz of Tulsa, petroleum engineering major. Behind the counter is Sara Tollett of the Undergraduate Admissions Office. Registration began Wednesday, and will continue through 6 p.m. Thursday. (Tech Photo)

*Log*

This release distributed 6-4-69  
to Lubbock news media

LUBBOCK -- Registration for what is expected to be another record breaking enrollment for a summer session at Texas Tech began Wednesday (June 4).

The anticipated figure is 7,600 students for the first summer session. Registration got under way at 11 a.m. in the Lubbock Coliseum, continued until 6 p.m., and will continue from 8 a.m. to 6 p.m. Thursday (June 5).

More than 300 students, including freshmen and transfers, attended orientation sessions Wednesday, a number indicating an increase in enrollment, according to Dr. William H. Duvall, assistant dean of students for programs.

Classes will begin at 7:20 a.m. Friday (June 6). No classes will be held July 4 in observance of Independence Day. Students will attend classes two Saturdays during the first summer session, June 7 and June 21. Final exams for the first session will be conducted July 10-11.

-30-

13-6-4-69'

By Dan Tarpley

Lag

This release distributed 6-5-69  
to Lubbock news media

LUBBOCK -- A Texas Tech agronomist and an agronomy graduate student are conducting a multi-purpose experiment in efforts to effect minimum tillage and increase water use in the production of cotton, grain sorghum and soybeans.

Prof. Raymond Meyer is supervising the plots on the Texas Tech farms north of the campus to experiment with combinations of subsoiling and placing fertilizer at 8 and/or 16 inches below the seed. The process will be used on all three crops and in some of the plots skip-row practices will be employed.

The subsoiler is set to dig a two-inch trench 20 inches deep, Dr. Meyer said. The work is being done by agronomy graduate student Gaylan Goddard of Plainview, who modified the equipment to handle all the operations with one tillage. Goddard is the son of Mr. and Mrs. Marvin Goddard of northwest of Plainview.

Dr. Meyer dubbed the project a "look at minimum tillage and water use of plants."

"The purpose of minimum tillage," Dr. Meyer said, "is to decrease the number of field operations since they are expensive and quite often detrimental.

"Excessive field operations tend to break down surface soil structure which may result in crusting and surface sealing during rains which may increase water run-off even on sandy type soils," he continued. "The subsoiling, fertilization and planting are done in one operation to decrease the traffic on the soil surface."

In discussing the reasons for the deep subsoiling, Dr. Meyer said by placing the channel 18 inches below the seed, it is hoped to increase rapidity and depth of root penetration.

"With the fertilizer placed at 8 and/or 16 inches below the seed, it is hoped, too, that the layers of fertilizer will increase root proliferation at that point and possibly enable the plant to extract more completely the water at that depth," he said.

-More-

"If the plant can extract more completely the water throughout the entire soil profile, it should allow for greater production under dryland conditions," Dr. Meyer said. "It also may be of increased benefit under skip-row conditions."

The experiment will be continued next year, he said, to learn how much of the benefits from this procedure may be carried over into future crops, as compared with repeating the subsoiling operations in their entirety.

The plots are eight rows wide by 80 feet long, except the wider tracts used for skip-row cultivation.

The fertilizer being applied is nitrogen.

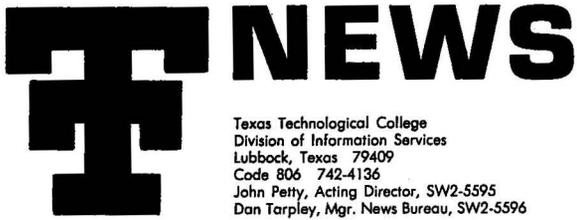
Dr. Meyer said he hopes the experiment will be of particular value to dryland operations. A minimum of irrigation, if any, will be applied during the production of the cotton, grain sorghum and soybeans.

Dr. Meyer came to Texas Tech four years ago. Prior to that he spent two years in research for the United States Department of Agriculture at Starkville, Miss. He obtained his bachelor of science degree in technical agronomy from Kansas State University in 1959 and his Ph. D., in soil physics from Oklahoma State University in 1963.

Only this spring he was recognized by Sigma Delta Chi for his professional writings.

16-6-5-69

By Dan Tarpley



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

*Log*

**Cutline -----**

**SUBSOILER -- Dr. Raymond E. Meyer, professor of agronomy at Texas Tech, right, and agronomy graduate student Gaylan Goddard of Plainview point to the subsoiler and the attachments Goddard rigged up to conduct experiments designed to reduce the number of tillage operations and to promote more efficient use of water by plants. He modified the equipment so that the subsoiler would dig a two-inch trench 20 inches deep and place fertilizer 8 and/or 16 inches beneath the seed. Goddard is the son of Mr. and Mrs. Marvin Goddard who live near Plainview.**

**(Tech Photo)**

*Lag*

This release distributed 6-5-69  
to Lubbock news media

LUBBOCK -- New insight into the works of one of the world's most controversial authors becomes available with the publication this month of "James Joyce: His Place in World Literature" by the Texas Tech Press.

The 115-page volume containing papers presented at Tech's Joyce Symposium in February was edited by Dr. W. T. Zyla of the university's Department of Germanic and Slavonic Languages.

Zyla is chairman of the Interdepartmental Committee on Comparative Literature which sponsored the two-day series of lectures, panel discussions and seminars concerning the Irish author.

The cover and sectional divisions of the book are illustrated by Tech Art Prof. Roderick Parkinson's original sketches of Joyce.

Among the distinguished Joyce scholars represented are the Rev. William T. Noon, S.J., of Le Moyne College who presented a paper on "The Religious Position of James Joyce," Dr. Dounia Bunis Christiani of Wisconsin State University at Eau Claire, who discussed "The Polyglot Poetry of 'Finnegans Wake,'" Dr. Thomas F. Staley of the University of Tulsa and editor of "The James Joyce Quarterly" who spoke on "'Ulysses' and World Literature," and Dr. William J. Handy of the University of Oregon whose topic was "Criticism of Joyce's Works: A Formalist Approach."

Seminars were led by Dr. Noon and Dr. Ben D. Kimpel, Chairman of the Department of Contemporary Literature at the University of Arkansas. The subjects were "James Joyce in Contemporary World Literature" and "Is 'Ulysses' Immoral or All-Moral?"

Copies of the book were included in a display covering the Tech Symposium which is to be shown at the International James Joyce Symposium June 10-16 in Dublin, Ireland.

*Lag*

This release distributed 6-5-69  
to Lubbock news media

LUBBOCK -- Texas Tech was notified by Rep. George Mahon Thursday (June 5) that the Department of Health, Education and Welfare had approved a supplemental award of \$13,518 for the College Work Study Program.

The Tech Financial Aids office said the supplemental award had been anticipated. The federal College Work Study Program provides funds to pay students for work at Tech to help them defray all or a part of their college expenses.

Applicants are judged on their need for financial help and the work is performed at the college with the federal program providing 80 per cent of the salary and Tech 20 per cent.

Students are paid the college minimum wage and must not work more than an average of 15 hours a week. Financial Aids officials said the last payroll showed 168 students participating in the program.

-30-

18-6-5-69

By Dan Tarpley

*Log*

This release distributed 6-6-69  
to Lubbock news media

LUBBOCK -- Texas Tech industrial engineering Prof. Jerry D. Ramsey will join other industrial engineers, physiologists and medical doctors June 9-13 as a member of the lecturing staff for a University of Michigan conference on "Recent Developments in Industrial Human Performance."

"Man's complex interrelationships with his work environment," Dr. Ramsey said, "make it important that a multidisciplinary approach be taken for full understanding."

He said the conference would present results of recent research revealing how the human being functions and responds under a wide range of environmental and workload conditions.

Texas Tech's Department of Industrial Engineering has a special interest in bio-technology, and for several years has been engaged in research in the engineering analysis of man as a machine.

-30-

19-6-6-69

By B. Zeeck

*Lag*

This release distributed 6-6-69  
to Lubbock news media

LUBBOCK -- Chairman Russell H. Seacat of the Texas Tech's Department of Electrical Engineering will be participant on a panel for an international Summer Power Meeting of the Institute of Electrical and Electronics Engineers in Dallas, June 22-27.

Dr. Seacat will be a panelist for a discussion of "Pre-Graduation Employment for Power Engineers."

The meeting draws participants from all of the United States, Europe Asia, the Mid-East and other areas of the world.

Also attending from Texas Tech will be electrical engineering Profs. James P. Craig and Magne Kristiansen.

-30-

20-6-6-69

By B. Zeeck

*Log*

This release distributed 6-6-69  
to Lubbock news media

LUBBOCK -- Thirty-six students, most of them elementary school teachers in West Texas communities, have signed up for a new course at Texas Tech, designed especially for faculty of schools with a high concentration of Mexican American pupils.

Horn Prof. Faye L. Bumpass, the author of more than 20 texts in the field of teaching English as a second language, is directing and teaching the program which started Friday (June 6).

"There is an evident correlation," Dr. Bumpass said, "between the dropout rate of Mexican American children from elementary schools and the inability of these students to communicate effectively using English as a second language."

The project is supported by a grant-in-aid from the university's International Center for Arid and Semi-Arid Land Studies and is a part of the Department of Classical and Romance Languages.

Department Chairman Harley D. Oberhelman, who is project director, said the ultimate goal is a "bilingual population literate both in Spanish and English."

Field observance, practical experience and special lectures will be included in the summer program.

Working with Dr. Bumpass will be graduate student research assistants, Cynthia Walker and Hector Zamorano.

Dr. Oberhelman said the summer course is a continuation of an initial spring semester bilingual project which had about 15 students enrolled, all of them preparing to teach in elementary schools.

In connection with the project, Dr. Oberhelman will spend June 10-17 visiting Head Start and bilingual program centers in South Texas communities, including San Antonio, Corpus Christi, Robstown, Kingsville, Brownsville, Harlingen, Edinburg and McAllen.

*Log*

This Release distributed 6/6/69  
to the Lubbock News Media

LUBBOCK -- Two Texas Tech soil scientists have arrived in Argentina, en route to the province of Santa Fe where they will aid in a project designed to turn rangeland into high production cropland.

Agronomy Prof. B. L. Allen and Bill L. Harris, who received his master's degree with a major in soil science May 31, will be working with Bunge y Born Ltd. in a project started by Chairman A. W. Young of the Department of Agronomy. (Harris is the son of Mr. and Mrs. W. E. Harris, Route 3, Colorado City.)

Dr. Young is consultant to the Bunge y Born company which operates more than 25 separate land areas made up of more than a million and a quarter acres. He said grain production is his primary interest with the company.

Dr. Allen will spend two to three weeks at the company's Estancia La Palada, setting up a program for soils surveys. Harris will conduct the studies for two months before returning to the United States to begin work on his doctoral degree.

Dr. Young said that the new farming methods introduced and put into practice under his supervision last year, in some cases, doubled yields "where the new methods were followed closely."

He spent last summer in Argentina and made two other inspection trips during the year.

-30-

22-6/6/69

By Bea Zeeck

*Log*

This release distributed 6-6-69  
to Lubbock news media

LUBBOCK -- Texas Tech's Computer Services are setting out to solve an educational headache which afflicts school administrators and students alike -- the monumental paperwork task of enrolling students in courses they want to take.

Student choice is limited through the eighth or ninth grades, but the job of registration and scheduling gets increasingly discouraging at the secondary school level and beyond when the choice range expands.

To find a solution, the Texas Education Service Center, Region 17, which includes 20 counties surrounding Lubbock, is supporting a Computer Services pilot study in the development of a solution to the problem.

The university's Office of Research said that Region 18, of a comparable size, also has indicated an interest in participating in the study.

The program will start with 23 schools and approximately 16,000 students in Region 17. More schools are expected to participate as the project progresses.

The cost will be \$11,000 plus a small cost per student charge, and the total cost is expected to remain under \$15,000.

"We will refine procedures for registration and scheduling for high schools," Computer Services Director George S. Innis said, "and from this modified program develop one which eventually might be used for secondary schools throughout the state.

"The concepts, problems and philosophy for the project have a carryover application," he said, "in registration and scheduling for Texas Tech."

Through the project a staff will be developed for computer work, and this staff would then apply its skills to the problems at Texas Tech.

Dr. Innis said the entire project will cover the development of procedures, planning, in-service training for the educational community and research.

*Log*

This release distributed 6-6-69  
to Lubbock news media

LUBBOCK -- Robert L. Newell, associate dean of engineering at Texas Tech, will leave Saturday (June 7) for a 21-day tour of Europe and the Soviet Union, leading a delegation of business and engineering executives in a people-to-people travel program.

It will be Newell's third visit to the Soviet Union and his second trip to Europe as leader of a Goodwill People-to People Travel Program.

Also in the group of 18 leaving Saturday will be C. C. Perryman, Tech professor emeritus of engineering drawing, and Richard H. Forrester of Amarillo.

The delegation will see typical business and engineering operations in Germany, Yugoslavia, Greece, Italy and Portugal, as well as in the Soviet Union, visiting their occupational counterparts.

Among the business establishments to be inspected are the Litton Industries plants in Hamburg and Rome, a cannery and winery in Portugal, housing construction projects in Leningrad, highway development and transportation facilities in Athens and a state-owned farm in Yugoslavia. The group also will visit universities in several of the cities.

-More-

Add one -- People-to-People Travel Program

The trip, according to Newell, is "an informative, educational mission dedicated to improving relations and understanding between America and the people of Western and Eastern Europe. It gives business and engineering leaders an opportunity to carry a message of goodwill to their occupational counterparts in Europe and the Soviet Union."

The trip will be made by air, with the exception of a train trip between Leningrad and Moscow.

"There are very few ports of entry into Russia," Newell explained, pointing out that air trips usually have to rotate around Moscow.

The extreme contrast of life in Russia with that in the rest of the world is one of the aspects which keeps him interested in return trips to that country.

"On this trip, we'll fly to Norway, which is very, very beautiful, then go to Russia, where everything is quite drab," he said. "The Kremlin, the parks and show places are very picturesque, but the rest of the country and the buildings are dreary."

Newell was a member of a People-to-People mission in 1967 and was leader of a delegation in 1968.

24-6-6-69

By Dee Powell

*Log*

This Release distributed 6/6/69  
to Lubbock News Media

LUBBOCK -- Texas Tech's third annual two-week short course in Thermal Environmental Engineering will be held June 16-27.

Course Director Robert L. Mason said registrations for the course are being accepted at his office, Department of Mechanical Engineering, Texas Tech.

"The course in the past has proved of considerable interest to a air conditioning design engineers, electrical power consultants, plant engineers and division managers of natural gas companies," Mason said.

"It is designed to provide a broad survey of the fundamental principles which control man's thermal environment and will be presented from the practical and design standpoint.

"Objectives of the course will be to provide a broad survey of the fundamental principles which control man's thermal environment. Thorough coverage will be made of all topics pertinent to the general subject, such as the basic thermodynamic cycle, fundamental air conditioning principles, basic psychometrics, use of the psychometric chart, behavior of air vapor mixtures, components of the mechanical system, heat transmission coefficients, heat gains into inclosed spaces, calculations of heating and cooling loads, duct design and air distribution, effects of insulation, principles and methods for system control, and automated air conditioning."

-30-

25-66-29

By Dan Tarpley

*Log*

This release distributed 6-6-69  
to Lubbock news media

LUBBOCK -- All 16 doctoral graduates of the Texas Tech School of Education this spring and summer have been accepted for top positions or will continue in the field of education where they are employed.

Several of the new doctors of education are employed in Lubbock in the city's public school system or at Lubbock Christian College.

Al Langford of 3410 33rd Street, formerly of (2401 Vane) Brownwood, will become dean of the Midland campus of Odessa Junior College.

Lowell Bynum of Woodrow, a native of Snyder, will assume duties as assistant professor of education at Southwest Texas State University at San Marcos.

A native of California, Galen L. Pearce, upon receipt of his doctorate, will become assistant professor in audio-visuals in the Department of Education at the University of Nevada at Reno. His Lubbock address is 3308 28th St.

Norman Keener, 5519 26th, Lubbock, dean of Lubbock Christian College, receives his doctor of education degree this summer and will continue at the Lubbock institution.

Another Lubbockite, George Robinson, 2507 24th St., is a member of the music faculty in the city's public school system and will attach the "Doctor of Education" title this summer.

George Smith of 3802 35th, a native of Tunnerville, Texas, has received a post-doctorate assignment at Arizona State University at Tempe where he will serve in the College of Education, working in educational psychology and guidance with Dr. Patrick McGreevey, director of the Counselor Education program at that institution. Smith is a member of Phi Delta Kappa.

Clifford A. Hardy Jr. of 2806 55th, Lubbock, and a native of Riverton, Kan., will become assistant professor at North Texas State University at Denton.

-More-

Add one -- School of Education Graduates

The director of secondary instruction in Levelland public schools, Donald Hunt, will continue with the Levelland system. He lives at 405 Hickory in Levelland.

Relf Efurd of Mansfield, Ark., whose Lubbock address is 2521 24th, will become an assistant professor in the Education Department at Oklahoma Baptist College at Shawnee. He has specialized in secondary school administration.

Roy Wesselman of 4412 47th has been appointed assistant professor in elementary education at Michigan State. His assignment will be resident coordinator of teacher education.

Tom Garman of 3011 Third Place, Lubbock, and a former resident of Coatsville, Penn., has been named assistant professor in business education at Northern Illinois University at DeKalb. Garman is an August graduate.

Major Robert L. Paradis, associate professor of aerospace studies at Texas Tech, who received his doctorate May 31, will leave soon for Taiwan for another two-year assignment with the Air Force. His emphasis has been on audio-visuals.

Mrs. Eleanor Woodson, after receiving her doctor of education degree at Tech, will continue her employment in the Lubbock public school system.

Gene Newton of Snyder, whose Lubbock address is 2024 10th Street, will go to Midwestern University at Wichita Falls to become assistant professor of secondary education.

Ken Rhodes, who has been a member of the Lubbock Christian College faculty 10 years and for the last year dean of students, will continue with the Lubbock college. He lives at 5517 26th but is a native of Roswell.

Kenneth Theda of Plainview will continue as a faculty member of Wayland Baptist College.

Dr. Edwin J. Chambliss, who received his doctorate last year but who remained at Texas Tech for a year of post-doctoral work, has signed as assistant professor of education at New Mexico State University at Las Cruces.

"We have kept in close touch with most of the Tech School of Education doctorates," said Dr. Donald McDonald, associate dean, "and without exception they are performing in high posts admirably well."

"We know that this year's doctorates will also reflect favorably upon Tech's School of Education. This institution will profit from the high type of graduates that are leaving this year."

-30-

26-6-6-69

By Dan Tarpley

*Log*

This release distributed 6-6-69  
to Lubbock news media

LUBBOCK -- Texas Tech will start the 1969-70 academic year with five newly appointed professors emeriti -- Professors Sue Ava Rainey, Alfred B. Strehli, Alan M.F. Gunn, A. W. Young and Helen Lindell.

The appointments are made by the Texas Tech Board of Directors.

Prof. Alfred Bell Strehli has taught Spanish at Texas Tech for 41 years. His retirement will become effective at the end of the current academic year, Aug. 31.

Strehli was founder of the regional Llano Estacado Chapter of the American Association of Teachers of Spanish and Portuguese and last year was named the chapter's most outstanding member during the national organization's first 50 years.

For four years, he directed institutes for teachers of Spanish in a program supported by the National Defense Education Act. Three of these institutes took place in Tucuman, Argentina.

Prof. Strehli earned his degrees at Ohio State University, and he pursued other graduate studies at the Centro de Estudios Historicos in Madrid, Middlebury College and the University of Pennsylvania.

Dr. Young, who has been chairman of the Department of Agronomy since 1937, also will retire Aug. 31 after 34 years on the Texas Tech faculty. He received his doctor's degree at Iowa State University in 1934 and since coming to Texas Tech has served actively in many civic and professional organizations.

For more than 16 years he was chairman or vice chairman of the State Seed and Plant Board. He served as a director of the International Crop Improvement Association from 1948 to 1961 and was president of that organization, 1960-61.

He also served as chairman of the Southern Seed Certification Officials and of the Texas Hoblitzelle Awards Committee. For three years he was secretary-treasurer of the Texas Seed Council.

-More-

Add one -- Professors Emeriti

Dr. Gunn, whose retirement becomes effective Aug. 31, joined the Texas Tech English faculty in 1939 and is noted for his courses in medieval and ancient literature, the works of Melville and Wallace Stevens, Scottish literature and West Texas speech patterns. He has published works in several of these fields.

He earned his degrees at Huron College, the University of Denver and Princeton University where he taught before coming to Texas Tech.

He has served on the Executive Council of the Conference of College Teachers of English and as a member of various language organizations. On campus, he has served as acting head of the Department of English, on the Athletic Council, the Faculty Advisory Committee and, most recently, as chairman of an Interdepartmental Committee on Comparative Literature.

When Prof. Sue Rainey first came to Texas Tech in 1945 as an instructor in what is now the Department of Health, Physical Education and Recreation for Women, she joined a faculty of three who were then using the intramural gym as headquarters.

The department now has a faculty of 18 and modern facilities of its own.

Her primary interests included teaching methods, particularly for teachers of handicapped children, and the dance.

Prof. Rainey is a graduate of George Peabody College for Teachers and Columbia University. She did other post graduate work at the universities of California at Los Angeles, Wisconsin, Minnesota and Texas.

Prof. Lindell retired from full-time teaching last January after 45 years in the classroom. She came to Texas Tech in 1948.

She pioneered in speech therapy in West Texas and, from 1950 to 1962, she was in charge of the university's speech clinic. She was particularly instrumental during this period in the development of Texas Tech's speech therapy program.

Add two -- Professors Emeriti.

She earned her degrees at Washburn University and the University of Wisconsin and did advanced graduate work at the University of Colorado and Northwestern University. Her studies also extended to Europe where she visited clinics, hospitals, schools and speech therapy centers on two trips which included meetings of the International Association of Logopedics and Phoniatrics.

-30-

27-6-6-69

By B. Zeeck

Log

This Release distributed 6-6-69  
to Lubbock News Media

LUBBOCK -- Dr. Camille G. Bell, chairman of Texas Tech's Department of Home Economics Education, will serve as a trainee consultant at a Unipac Production Workshop in Omaha, Neb., June 9-13.

Chief purpose of the workshop, Dr. Bell said, will be to develop subject ideas for "unipacs" -- individual learning packets -- for use in classroom teaching in the Omaha Public Schools.

Each unipac contains resource materials and study suggestions designed to be of help to the student who lacks basic or background information in a specific area.

"Also included are testing materials which give the learner an opportunity to evaluate his own progress and to do whatever additional study is required," Dr. Bell said.

Dr. Bell is a qualified consultant for the Institute for Development of Educational Activities, Inc., in Anaheim, Calif., an affiliate of the Charles F. Kettering Foundation. The Institute maintains a Unipac Curriculum Bank of learning packets on some 14,000 subjects.

By writing an original unipac and submitting it to the Institute, an individual can become a member of the curriculum bank, which entitles the contributor to check out other packets for use with individual students.

Several Tech students have submitted unipacs in the area of home economics. These have included packets on such subjects as "Money Management," "Self Understanding," "Decision Making" and "Consumer Education."

Dr. Bell has been invited to participate as a consultant in a Unipac Production Workshop for the Pampa (Tex.) Public Schools in August.

-30-

28-6-6-69

By Emil Carmichael

*Log*

This Release distributed 6-6-69  
to Lubbock News Media

LUBBOCK -- Final tabulations Friday (June 6) for registration for the first summer session at Texas Tech showed a total of 7,612 students, a record for summer enrollment.

The figure will show additional increases next week with enrollment in workshops scheduled for the summer. The enrollment for the first session last summer was 7,518.

Classes began at 7:20 a.m. Friday. Students will attend classes Saturday (June 7), one of two Saturdays when classes will be conducted during the summer session.

Independence Day, July 4, will be an official holiday.

-30-

29-6-6-69

By Dan Tarpley

Date	STORIES & CUTLINES	Locals	State	Reg.	HT's	EXPLANATION
✓ 1-6-9-69	<sup>Way M. Helle</sup> Texas Safe Water Resources	✓				
✓ 2-6-9-69	Water Resources	✓				35 papers
✓ 3-6-10-69	Brush Control	✓				Special printing
✓ 4-6-10-69	Symposium on Deaf Retarded	✓				
✓ 5-6-10-69	"Flamenco in Concert"					
✓ 6-6-11-69	KXTV-TV (cutting)	✓				
✓ 7-6-11-69	Adm. Prezioso - Park Admin					
✓ 8-6-11-69	Photo-journalism Workshop					
✓ 9-6-11-69	Mikel Schutz					Member Past
✓ 10-6-11-69	Outline - The Rubayat					Whitene
✓ 11-6-12-69	Research center gets grant	✓		✓		Letter Lists
✓ 12-6-12-69	Marvin Ruzacek	✓		✓		
✓ 13-6-12-69	Michael Guenari Visits	✓				
✓ 14-6-13-69	Computer Institute	✓				
✓ 15-6-13-69	KXTV new staff members	✓				



*Log*

This release distributed 6-9-69  
to Lubbock news media

LUBBOCK -- Texas Tech Water Resources Center Director Dan M. Wells was in Austin Monday (June 9) for the first meeting of The Governor's Committee of 500.

Gov. Preston Smith scheduled the initial session for the committee at 1:30 p. m. in the chamber of the House of Representatives at the capitol.

In naming Dr. Wells to the committee, Gov. Smith explained that it would be composed of "a group of leaders who will be responsible for helping to tell other Texans about the benefits involved in making an adequate state loan fund available" for vast new water projects, including the Texas Water Plan.

The Texas Water Plan has been adopted officially as a flexible guide for future water supply and development.

-30-

1-6-9-69

By B. Zeeck

*Log*

This release distributed 6-9-69  
to Lubbock news media

LUBBOCK -- What goes into and what comes out of the Ogallala aquifer, which supplies the water for the High Plains of Texas, are major concerns of approximately \$400,000 in research currently funded through Texas Tech's Water Resources Center.

WRC Director Dan M. Wells said the score of projects underway are supported by the university, the state and the federal governments.

"We're trying to concentrate," he said, "on national problems which are of paramount importance to this region."

The problem of water quality, threatened by pollution from several sources, is the subject of major research.

Other aspects of water use by both urban and rural segments of the High Plains, the nature of the underlying aquifer, problems relating to water importation and some very practical biological studies which could lead to better water use are included in WRC investigations.

Typical of research development at the four-year-old center is a \$96,000 study of feedlot waste problems, funded by the Federal Water Pollution Control Administration (FWPCA) and Texas Tech.

The research began on a much smaller scale. The Feeders' Division of the Texas and Southwest Cattle Raisers Association put up \$6,000 for waste research. This was matched by the Coordinating Board, Texas College and University System.

As work progressed, the Texas Water Quality Board (TWQB) provided a grant of \$15,000 to expand the research, and the Agricultural Research Service of the U.S. Department of Agriculture added its support to the study.

"University research funds," explained Prof. Wells, "often are used to initiate research, to outline the scope of a problem. They also can be used to supplement insufficient funding for an important project, or to complete a small but important project such as the recently completed study of the Rich Lake area."

-More-

Cooperative research efforts are typified in a project sponsored by the WRC and two other organizations which, together, provided the total needed -- \$8,972.

The study, by Prof. Joseph L. Schuster, who is chairman of Texas Tech's Department of Range and Wildlife Management, will lead to a better understanding of possible control of woody phreatophytes (primarily salt cedar) along the Brazos River upstream from Possum Kingdom Lake to the confluence of the Salt and Double Mountain forks.

Schuster, who is project leader for Brush Control Studies at the university, described salt cedar as "the worst of the noxious water thieves."

While no single agency could provide all the funds necessary for his study, the sum was provided by the Texas Water Development Board (TWDB) which granted \$5,072, and the WRC and Texas Tech's International Center for Arid and Semi-Arid Lands, each contributing \$1,950.

In another project, a study of the potential pollution of the Ogallala by recharging plays lake water, three agencies provided funds. The FWPCA granted \$32,936; the TWQB, \$4,764, and the WRC, \$5,200. The research is led by Wells as the principal researcher, working with Entomology Prof. Ellis W. Huddleston, Chemistry Prof. Robert G. Rekers and Agronomy Prof. Raymond E. Meyer.

Through the WRC, the university has \$28,440 invested in 13 projects underway now. These involve eight departments of the university: civil engineering, biology, entomology, geosciences, agronomy, range and wildlife management, agricultural engineering and agricultural economics.

In other research at the center, the departments of animal science and chemical engineering also are involved.

Major research includes:

The feedlot waste study being conducted by Wells, who is a professor of civil engineering, Chairman George P. Meenaghan of chemical engineering, Agricultural Engineering Prof. Walter Grub and Animal Science Prof. Robert C. Albin.

-More-

Add two -- Tech's Water Resources Center

The development of mathematical techniques to determine the Ogallala's ability to store and yield water, a \$116,791 cooperative project sponsored by the federal Office of Water Resources Research (OWRR), the High Plains Underground Water Conservation District No. 1 and the university, with Wells and Water District Chief Engineer Frank Rayner as co-principal investigators;

Development of systems for groundwater recharge into the Ogallala, supported by two grants -- one contract for \$30,162 from OWRR and the Coordinating Board for work now completed and another for \$38,878 from the OWRR and the university for additional studies -- and investigated by Agricultural Engineering Profs. Marvin J. Dvoracek and Rolland Z. Wheaton;

A study of the mineralogy and chemistry of soils and sediments of High Plains playas, funded for \$18,978 jointly by the state and the OWRR, to be completed next summer by Agronomy Prof. B. L. Allen;

A water quality investigation of urban runoff related to the duration and intensity of storms, supported to the extent of \$35,640 by the OWRR and the university, providing for Dr. Wells' pollution study using K. N. Clapp Park in Lubbock as a major research site;

And a three-year investigation of the effect of unlined treated sewage storage ponds on the quality of water in the Ogallala, directed by Wells and supported by \$40,498 in OWRR and university matching funds.

A \$7,948 investigation of alternate methods of mosquito control to reduce the chemical pollution of water for recharge of the Ogallala has recently been completed. It was funded by matching OWRR and state funds and conducted by Entomology Profs. Charles R. Ward and Ellis W. Huddleston.

-More-

Add three -- Tech's Water Resources Center

Recently published WRC research reports include: "Ogallala Aquifer, Rich Lake Area, Terry County, Texas," by Geosciences Prof. C. C. Reeves who also has a \$3,100 WRC grant to study the location, flow and water quality of West Texas playa lake springs, a report on mosquito control research by Ward, Huddleston, Entomology Prof. Donald Ashdown and graduate student John C. Owens; and "The Effect of Feed, Design and Management on the Control of Pollution from Beef Cattle Feedlots," by Profs. Grub, Albin, Wells and Wheaton. These reports are published for distribution to those concerned with the problems involved.

WRC funded research also covers these problems:

Investigations of the ecological importance of fatty acids in the regulations of aquatic ecosystems, \$2,250, by Biology Prof. R. W. Gordon;

Interbasin diversions, an annotated bibliography, \$2,500, Civil Engineering Prof. George A. Whetstone;

Investigations of the parasites and predators of mosquito larvae in playa lakes, \$1,000, Ward;

Herbicide movement in soils as affected by various ions in the leaching water, \$1,600 Meyer;

Studies on the subterranean aquatic fauna of Texas, \$2,200, Biology Prof. R. W. Mitchell;

Water use efficiency as influenced by deep placement of fertilizer, \$1,200, Agronomy Prof. Eugene Coleman;

The influence of water quality on evaporation from a free water surface, \$1,000, Dvoracek;

The economic importance of irrigation water to the agricultural sector of the economy in the Texas High Plains, \$3,000, by Agricultural Economics Prof. James E. Osborn;

And a structural problem related to pumping plant discharge lines described as "optimum design of ring stiffened cylindrical pumping plant discharge lines," \$2,800, by the newly appointed chairman of civil engineering, Dr. E. W. Kiesling.

*Log*

Cutlines -----

**RAPID RECHARGE -- Texas Tech researchers examine a 30-foot hole through which water is recharged into the Ogallala Aquifer when rainfall makes it available in the playa lake, background. Following the recharge, a final four-foot increase was noted in the underground water level for an influenced radius of 800 feet. Working on the recharge project are, left to right, Agricultural Engineering Prof. Marvin J. Dvoracek, Research Assistant Sam Peterson and Prof. Rolland Z. Wheaton of Agricultural Engineering. (Tech Photo)**

2-6-9-69

**Cutlines -----**

**CONFERENCE --** Researchers working to control feedlot waste problems survey results and plan studies in conference with Texas Tech Water Resources Center Director Dan M. Wells, center. Conferring with him, clockwise, are Animal Sciences Prof. Robert C. Albin, Agronomy Prof. Eugene A. Coleman, Agricultural Engineering Prof. Walter Grub, Agricultural Engineering Technician Carl L. Carter, Chairman Dale W. Zinn of the Department of Animal Science and Chairman George F. Meenaghan of the Department of Chemical Engineering.

(Tech Photo)

**RECHARGE PROBLEM --** Sediment which collects in the beds of High Plains playas is a major deterrent to recharge of water through the temporary lakes into the Ogallala. Researching the recharge problem are Texas Tech Agricultural Engineering Prof. Marvin J. Dvoracek, left, graduate Research Assistant Sam Peterson (the son of Fred H. Peterson, 7028 Royal Lane, Dallas), and Prof. Rolland Z. Wheaton of agricultural engineering.

(Tech Photo)

**COOPERATION --** Several Texas Tech departments work together to study the potential pollution of the Ogallala Aquifer by recharging playa lake water. Working together are Chemistry Prof. Robert G. Rekers, left, and Biology Prof. Robert W. Gorden. Also involved in the study are the departments of entomology, civil engineering and agronomy.

(Tech Photo)

*Log*

This release distributed 6-10-69 to  
Lubbock news media

TUCSON, Ariz. -- A new, coordinated approach to brush control -- to lick a problem which costs a staggering \$990 million a year in the United States -- was described Tuesday (June 10) by Texas Tech Prof. Joseph L. Schuster.

Dr. Schuster, chairman of the Department of Range and Wildlife Management at Texas Tech, is project leader for the university's Brush Control Studies.

He spoke before an International Conference on Arid Lands in a Changing World. The Tucson conference is sponsored by the Committee on Arid Lands of the American Association for the Advancement of Science.

Speaking on "New Approaches to Brush Control in Texas," Schuster described the coordinated efforts of ranchers, supporting industry, citizens and scientists.

"The most significant aspect is that the ranchers are taking organized steps to help themselves," he said.

"Livestock operators cannot afford poor condition ranges due to brush infestation," he pointed out. "The ranchers have come to realize this and the fact that the effort to suppress brush invasion must be coordinated with all concerned."

-More-

Add one -- Brush Control

He said that the most recent United States Department of Agriculture report, issued in 1965, estimated dollar losses to brush at \$625 million annually due to lower rangeland production. In addition, more than \$365 million were spent annually on control measures to prevent these losses.

"It does not take an economist to realize," he said, "that even the livestock industry cannot afford such losses long."

Texas Tech's part of the new approach was started in 1967, Schuster said.

Brush Control Studies at the university include investigations of mechanical, chemical and biological controls, fire control and combinations of these.

"We are also putting major emphasis on follow-up control and management of treated areas," the range expert said. "Proper management of a brush free area, whether it has just been cleared or has yet to be infested, appears to be the key to successful brush control."

The studies also extend to the effects of the various brush control techniques on wildlife populations "since many ranchers take advantage of wildlife supported by their ranches."

Economics studies have been initiated, he said, because "one of the real problems of application of what is known about brush control is the lack of economic evidence of profitability."

2

-More-

Add two -- Brush Control

Schuster said that current study indicates that benefits extend beyond range productiveness to substantial benefits derived from lower production costs -- a reduction in labor cost, decreased death losses, decreased supplemental feeding cost, lower maintenance energy requirements per head, improved control for breeding and calving and application of systematic herd improvement programs.

-30-

3-6-10-69

By B. Zeeck

*Log*

This release distributed 6-10-69  
to Lubbock news media

LUBBOCK -- Texas Tech's first symposium on the deaf retarded will begin at 8 a. m. Wednesday (June 11) in the auditorium of the Speech Building on the University campus.

The three-day "Symposium on the Deaf Retarded, an Unmet Social Need" is offered by the departments of speech and special education at Texas Tech.

Lectures will be accompanied by demonstrations. Afternoon sessions, lasting until 4:30 p. m., will include panel discussions and audience participation.

The symposium is open to students for credit, and it may be audited for a \$5 fee, including the proceedings which are to be published.

Director William K. Ickes of Texas Tech's Speech and Hearing Clinic pointed out that problems pertaining to the deaf retarded "were not discussed in professional literature to any great extent until this decade." He said the symposium would focus on the needs of the deaf retarded from preschool years to old age.

"Three main frames of reference -- audiology, psychology and education -- will be represented," he said.

Dr. Lyle Lloyd will be the featured speaker Wednesday, discussing the difficulties and placement of the deaf retarded. Dr. Lloyd is chairman of audiology and speech, Gallaudet College in Washington, D. C., the only college devoted specifically to higher education for the deaf.

Other speakers will include Dr. J. G. Osborn, director, Psychology Clinic and Psychological Services and Research, New Mexico School for the Deaf; Edward Mirus, supervisor, Program for the Deaf Retarded, Dixon State School, Dixon, Ill., and Joseph Breitwieser, founder and director, Program for the Deaf Retarded, Pacific State School, Pomona, Calif.

Panelists will be Chairman Bruce Mattson of the Department of Special Education, Dr. Ickes, Special Education Profs, Patrice Costello and Charles Jones and Instructor Joe W. Burks.

*Lag*

This release distributed 6-10-69  
to Lubbock news media

LUBBOCK -- "Flamenco in Concert" featuring the dance team of Teodoro Morca and La Conte de Loyo will launch the summer season of special events at Texas Tech's Student Union.

Their performance at 8 p. m. Thursday (June 19) in the Union's ballroom will be open to the public without charge.

Sharing the spotlight will be guitarist Benito Palacios who will perform solo as well as with the dancers in presenting a varied program enhanced by colorful costumes.

Since joining forces in 1965, the artists have performed extensively in both the United States and Europe, winning high praise from critics for choreography, artistry and originality.

Said the New Orleans Times-Picayune: "In 'Flamenco Concert' there are all those elements that make the Spanish dance the exciting thing it is: a sensuous grace, the exciting leaps, the feet moving at dazzling speeds, the staccato click of heels, the snap of guitar string."

Following their debut performance at Jacob's Pillow Dance Festival, the New York Times called their act "the surprise hit" of the show.

Among their many credits are 65 concerts in Holland and Spain as guest artists of Spain's distinguished Pilar Lopez, sister of the late great Argentinita.

In the U. S., Morca and La Conte have danced in theaters and concert halls from coast to coast, including appearances on the Buddy Hackett Show in Las Vegas and the Eddie Fisher Show at Lake Tahoe.

They were the first Spanish dancers to appear with the New Orleans Symphony Orchestra and the first concert attraction at the Candlewood Theatre in Connecticut.

In June 1966 "Flamenco in Concert" was chosen by the city of Pittsburgh to star in a concert honoring Spain and attended by the Spanish Ambassador to the United States.

5-6-10-69

-30-

By Emil Carmichael

*Log*

This release distributed 6-11-69  
to Lubbock news media

LUBBOCK -- Recent Emmy awards point up significant changes in educational television, particularly where entertainment values are concerned, according to D. M. McElroy, director of Texas Tech's Station KTXT-TV, local NET affiliate.

Gone is the lackluster image associated with formal lesson -type programs, most of which now go directly to the classroom through closed circuit television.

Moving up on viewer polls, McElroy says, are such creative -- and highly polished -- creative productions as NET Playhouse which received an Emmy earlier this month for the best weekly dramatic series on television -- the second major award racked up by the series this year.

In April, NET Playhouse was presented a George Foster Peabody Broadcasting Award for its "imaginative and inclusive approach to theater entertainment in the home."

Since it went on the air in October 1966 with Tennessee Williams' "Ten Blocks on the Camino Real," NET Playhouse has telecast some 140 consecutive weekly presentations, all of which have been shown at 7 p. m. each Thursday over KTXT-TV.

Among the recent dramatic offers were "Star Wagon," "Everyman," "Let Me Hear You Whisper," starring Orson Welles and Dustin Hoffman, and "Journey of the Fifth Horse."

NET's Public Broadcast Laboratory also won an Emmy in the category of Outstanding Public Affairs Documentaries for "Law and Order" which was aired locally on March 2 and again on May 25.

The awards, McElroy commented, not only reflect honor on NET programming, but also provide a measuring stick to evaluate the transition from educational to public television.



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

**Cutlines -----**

**PARK ADMINISTRATION -- Texas Tech's Department of Park Administration this week is in the process of evaluating curriculum for park and recreation administrators of the future. Aiding in the evaluation are, left to right, L. B. Houston, director of parks and recreation for the city of Dallas; Charles E. Doell, superintendent emeritus of parks for the city of Minneapolis; Chairman Elo J. Urbanovsky of the Texas Tech Department of Park Administration, Horticulture and Entomology; and President Sal J. Prezioso of the National Recreation and Park Association. (Tech Photo)**

*Log*

This release distributed 6-11-69  
to Lubbock news media

LUBBOCK -- President Sal J. Prezioso of the 25,000 member National Recreation and Park Association, serving as consultant, and two adjunct professors were meeting at Texas Tech Wednesday (June 11) to evaluate and propose future directions for the university's Department of Park Administration, Horticulture and Entomology.

Meeting with Dr. Prezioso and faculty members are Director L. B. Houston of the Dallas Department of Parks and Recreation and Charles E. Doell, superintendent emeritus of parks for the city of Minneapolis. Both are adjunct professors in the School of Agricultural Sciences which encompasses the Department of Park Administration at Texas Tech.

Chairman Elo J. Urbanovsky said the evaluation, which began Tuesday and will end Thursday (June 12), is expected to prove valuable in insuring a curriculum which will prepare graduates for the rapid developments occurring in the tourist and recreation industry.

The National Recreation and Park Association, which Dr. Prezioso heads, is made up of representatives from the major park and recreation organizations in the county, serving both as a means of unifying efforts and disseminating information of common interest.

The association recognized Urbanovsky's contribution to the field of park administration May 1 when it presented to him a plaque on the occasion of his 20th anniversary at Texas Tech.

Doell is noted particularly for his outstanding plans for neighborhood parks and school park development. His book, "Elements of Park and Recreation Administration," is a textbook used at Texas Tech.

Houston's department in Dallas has worked cooperatively with Texas Tech for many years, providing learning and research opportunities. The Dallas

*Log*

This release distributed 6-11-69  
to Lubbock news media

LUBBOCK -- Twenty high school and junior college journalism teachers from across the nation have been named to attend the fifth annual Photojournalism Workshop July 13-26 at Texas Tech University. The 20 will receive grants from the Newspaper Fund, Inc., of the Wall Street Journal.

Prof. Ralph Sellmeyer is in charge of the workshop, the only one of its kind financed by the Newspaper Fund.

Among participants will be Miss Elizabeth Hurley of Pampa and Mrs. Lynda Wade of Brownfield.

Also taking part will be James H. Beistle of Unity High School, Milltown, Wisc.; Mrs. Sammy Bynum, Sealy, Texas; Willard S. Campbell, Camden, Ark.; Sister Desales Arndorfer, Marquette High School, Bellevue, Iowa; Mrs. Rachel Dick, Heppner, Oregon; Roy Garvin Jr., Shelby, Ohio; Mrs. Gertrude C. Guyette, Fullerton, Calif.; R. Rex Jackson, Evangel College, Springfield, Mo.; Sister Mary Josette, Notre Dame Academy, Covington, Ky.; Mrs. Mary Jewel Ledbetter, Riggs High School, Pierre, S. D.; Mrs. Mary McConnell, Academy High School, Erie, Pa.; Mrs. Grace Moore, James Bowie School, Simms, Tex.; Miss Carol Rappeport, Tuley High School, Chicago, Ill.; Mrs. Annie Soo, El Cerrito, Calif.; Sister Ann Therese Syron, St. Cyril High School, Detroit, Mich.; Miss Louanne Ward, John Marshall High School, Okla. City, Okla.; Mrs. Mary L. Williams, Copperas Cove, Tex., and Glenn R. York, Sierra Vista High School, Baldwin Park, Calif.

8-6-11-69

By Dee Powell

*Log*

This release distributed 6-11-69  
to Lubbock news media

LUBBOCK -- Mikel F. Schutz, Specialist 5th Class, received a certificate of achievement and a three-year exemplary service medal in ceremonies Wednesday (June 11) at Texas Tech,

Col. Maxwell C. Murphy Jr., commandant of ROTC cadets at Tech, presented the certificate and medal, noting completion of Schutz' Army enlistment enlistment.

Schutz, son of Mr. and Mrs. William L. Schutz of (1615 Colorado Blvd.) Denver, Colo., has served as Texas Tech ROTC's personnel administrator for the past 10 months. Previously he was assigned for 14 months to the inspector general's office for the 8th army in Seoul, Korea.

Schutz, his wife and their daughter live at 3102 4th St.

-30-

9-6-11-69

By Gary Williams

# **TT NEWS**

Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-55595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

Cutline -----

PRESENTATION -- Col. M. C. Murphy, left, presents Mikel F. Schutz, right, Specialist 5th Class, a certificate of achievement and a three-year exemplary service medal in ceremonies Wednesday (June 11) at Texas Tech. The certificate and medal were given upon completion of Schutz' Army enlistment. (Tech Photo)

-30-

9-6-11-69



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

*Lag*

**Cutlines -----**

**THE RUBAIYAT -- A collection of various editions of the perennially favorite "Rubaiyat" of Omar Khayyam is on exhibit at the Texas Tech Library, on loan from Dr. Mary Lee Simms, English professor emerita of Sul Ross State University. Texas Tech graduate student, Dennis Williams, left, a former student of Dr. Simms, holds an ornately bound copy and looks over another with English Prof. Robert G. Collmer. The smaller book, printed in Brazil, is in the Guarani Indian dialect. Dr. Collmer found it in Argentina and added it to Dr. Simms' collection, featuring several languages and a variety of illustrative styles.**

**(Tech Photo)**

Log

This release distributed 6-12-69  
to Lubbock news media

LUBBOCK -- Texas Tech's Textile Research Center has been named recipient of a \$93,743 USDA Agricultural Research Service grant for the development of fabrics suitable for wearing apparel, household and industrial use from discount cotton yarns.

Tech Associate Vice President for Research Monty Davenport said the purpose of the grant is to explore "the utilization of short staple, very fine or immature fibered and coarse fibered cottons in producing fabrics which meet consumer requirements."

Jack D. Towery, director of the Center's fiber laboratory, will supervise the two-year project aimed at developing marketable products from discount cottons.

"Domestic textile mill cotton buyers have used price of cotton as a major cause of finding substitutes for cotton in many fabrics," said Assistant Center Director Harry E. Arthur. "Too little effort has been devoted to improve cotton's position through utilization of discounted cottons that could conceivably improve not only the cost of the fabric but the quality as well."

In the apparel category, suggested fabrics for development include denims, bedford cords and corduroys. Household materials will include drapery, upholstery fabrics and toweling, such as bark cloths, huck and terry toweling. In the industrial category are sheeting, shoe ducks, pocket drills and canton flannels.

**Add one -- Textile Research Center**

**In all, nine fabrics will be described, Arthur said, and 1,000 yards of each produced with the manufacturing supervised by the Textile Research Center.**

**Fabrics will be processed from yarns spun at the Center, using data gathered in a recently completed study of processing and blending techniques which could increase the use of discount cotton.**

**Upon completion of the weaving, each fabric that normally will carry chemical treatments will be divided, one-half to receive the treatments and one-half to remain in the loom or gray state, providing 500 yards of first quality fabric in each division. For those fabrics not requiring treatment, there will be 1,000 yards of first quality material.**

**Chemical processing will be supervised by the Center's new Chemical Processes Laboratory.**

**Fabrics will be evaluated in accordance with the ASTM standard procedures in the Physical Measurements Laboratories at Tech and, upon completion of the contract, will be delivered to the Southern Utilization Research and Development Division of the U. S. Department of Agriculture.**

**-30-**

**11-6-12-69**

**By Emil Carmichael**

Log

This release distributed 6-12-69  
to Lubbock news media

TUCSON, ARIZ. -- Too much of a good thing in seasonal rainfall poses both problems and promise for the world's arid regions -- problems of conservation and the promise of extended water supplies -- according to Texas Tech Agricultural Engineering Prof. Marvin J. Dvoracek, (Door-aa-chek

Dvoracek Thursday (June 12) discussed the "Use of Wells and Pits To Recharge Underground Formations in Semi-Arid Areas" before an International Conference on Arid Lands in a Changing World. The conference is sponsored by the Committee on Arid Lands of the American Association for the Advancement of Science and is being held at the University of Arizona at Tucson.

Solutions Dvoracek discussed could be used for storage of imported water as well as conservation of rainfall.

Costs, the mechanical problems of recharge and the benefits were reviewed.

"Probably the most significant benefit," Dvoracek said, "is water conservation."

On the High Plains of Texas, Dvoracek said, recharge could conserve annually 2.5 to 3 million acre feet of water now lost to evaporation.

"Removal of water from the playa lakes would increase usable lands by approximately one-half million acres," he said.

Recharge also could remove a health hazard, he suggested, in that surface stored waters provide breeding areas for mosquitos.

"Even when pits are used for recharge, this hazard can be partially removed," he said, explaining that the insects prefer the shallow playa waters to the deep water in pits.

The additional benefit of making water perennially available, he said, "may make several plans for importation programs economically feasible."

Add one -- Prof. Marvin J. Dvoracek

Pointing out that the recharge method must provide water at a cost acceptable to the user, Dvoracek maintained that an economic feasibility study "must be an integral part of a recharge system."

The major problem associated with recharge using wells or pits results from sediments borne in the waters, according to Dvoracek.

"This is of particular significance if the recharge water is the surface runoff from intense rainstorms," he said.

"The sediment consisting of clay, silt and organic materials generally ranging from .5 to 2.5 tons per acre foot of water may seal the surface through which recharge is taking place or it may plug the aquifer.

"The particles causing the greatest concern are colloidal clays," he explained, "as they resist almost all forms of filtration, clarification or settlement."

One solution, Dvoracek said, is small doses of "cationic polyelectrolytes," which are positively charged substances that attract the generally negatively charged clay particles. This results in formation of large particles which will settle.

"Settling basins, sand-gravel filters, buried tile drains and other methods have been tried with mixed success" in solving sediment problems, Dvoracek said.

"Subsurface drainage systems can be used with selected backfill materials to provide maximum filtration," he said. "Studies at Texas Tech indicate that the gravel backfill provides satisfactory clarification" with a significant volume of recharge.

Economically, maintenance requirements are important, he said.

With pits, cleaning of the sediment accumulation is "a relatively simple operation," possibly involving only tillage of the pit bottoms.

For wells, he said, "preventive maintenance in the form of water clarification is probably the most effective."

12-6-12-69

By B. Zeeck

Log

This release distributed 6-12-69  
to Lubbock news media

(Ee-venar-ee)

LUBBOCK -- Michael Evenari, professor of botany at the Hebrew University of Jerusalem and expert on the ecology of the Negev, Israel's desert interior, will visit Texas Tech Saturday.

His visit is sponsored by the Rockefeller Foundation.

Dr. Evenari will lecture in the morning to students enrolled in the National Science Foundation Summer Institute for High School Teachers of Biology.

He also will visit with faculty and students at various locations on the campus and has indicated a special interest in visiting commercial greenhouses in Lubbock. A luncheon also is planned in his honor.

Evenari, a native of Metz, in Alsace-Lorraine, took his degrees at the University of Frankfurt and the University of Prague before going to Argentina to teach. He emigrated to Israel in 1933.

His primary interest is deserts and their agricultural potential, germination in general and the ecology of arid land plants.

He is a widely published author and currently is working on ancient agricultural practices in the Negev. At a recent conference in Arizona, he participated in a discussion of modern science and ancient technology applied to desert runoff agriculture.

He is affiliated with the Rockefeller Foundation in a research project on the Negev.

Evenari will leave Lubbock late Saturday for Monterrey, Mex., to confer with faculty and students of the Instituto Tecnológico y de Estudios Superiores de Monterrey.

*Log*

This release distributed 6-13-69  
to Lubbock news media

LUBBOCK -- An introduction to computer uses and language will begin Monday (June 16) at Texas Tech.

Director James E. Lokey of the Summer Institute of Data Processing and Basic FORTRAN Programming said registration will be accepted for the two-week course on opening day. Classes will meet from 8:30 a.m. to 4:30 p.m., Monday through Friday.

The institute will deal with skills needed to use computing facilities effectively. Specifics will include current computer capabilities and limitations and the future potential of computers.

-30-

14-6-13-69

Bea Zeeck

LUBBOCK -- KTXT-TV staff members John Henson and Jimmy Pearce have been appointed to new positions, according to D.M. McElroy, director of the Texas Tech broadcasting facility.

Henson becomes the television station's first full-time program manager, a position made possible through a \$10,000 grant from the Corporation for Public Broadcasting. He succeeds William Shimer, part-time employee, who resigned to continue his doctoral studies.

Pearce succeeds Ron Salladay as producer director. Salladay is now working in the Instructional TV Center at West Point on a military assignment.

Henson has been associated with KTXT-TV for the past two years as producer director of the series "It's Your Museum" and "Take Five." Previously he spent five years as a cameraman in commercial television.

He received a bachelor's degree in advertising from Tech in 1964 and is a candidate for a master's degree in August. He is a member of Sigma Iota Epsilon, honorary management fraternity.

Pearce, also a Tech student during the past year, worked in the KTXT-TV production department on such programs as "Campus Happening," a series of student-produced programs, and on a special archaeological documentary in association with Dr. Kenneth Honea of the Department of Sociology and Anthropology. His film credits include "G.M.R.X. No. 1," a satire on censorship which won first place in "Funspiracy," the spring film festival sponsored by Tech Union.

His new duties will include the production of film and visuals for a series entitled "Local Problems of Urbanization," slated for broadcast beginning in mid-October.

15-6-13-69

Emil Carmichael

Log

This release distributed 6-13-69  
to Lubbock news media

LUBBOCK -- Texas Tech will host the annual meeting of the Texas Association for Childhood Education (TACE) June 15-20, the first time the gathering has met at the Lubbock university.

Approximately 200 persons are expected to register Sunday (June 15) at the Wiggins Complex for the "Educational Confluence." The meeting will mark the first time the TACE conference has been held outside of Austin. Texas Tech will be host in 1969 and 1970.

Dr. Roy Dwyer, professor of elementary education at the University of South Florida, will be the principal consultant. He will replace Dr. Jack R. Frymier who, because of serious illness, was forced to cancel his participation.

Dwyer, who has been working with teaching interns and with graduate students at the Tampa, Fla., institution, has a special research interest in the relationship of the child's self-concept to his academic achievement.

Texas Tech Elementary Education Prof. Dorothy Filgo is workshop coordinator.

"We are very pleased that Dr. Dwyer will be our consultant," she said. "Educators are becoming increasingly aware of the importance of the child's view of himself. There is evidence that how he feels about himself has a great deal of bearing on whether he does or does not achieve in school."

-more-

Add one TACE meeting

Prof. Dwyer earned his degrees at California State Teacher's College, the University of Miami and the University of Florida. In addition to his academic work, he has participated in educational forums presented by commercial television.

Elizabeth H. Brady of California State College also will be a consultant for the conference.

Participants from Texas Tech include Prof. Filgo; Prof. Katherine Evans, acting chairman of the Department of Elementary Education; Education Prof. Neville H. Bremer and visiting Instructor Marcus T. Ballenger.

Lubbock public school system participants include Jackie Haught, assistant director of the conference and librarian at Alderson Junior High School; Bruce Mossman, principal of Hardwick Elementary School; Edwin D. Stokes, elementary school director, and Bonnie McCullough, reading consultant for Title I.

-30-

16-6-13-69

Bea Zeeck

*Log*

This release distributed 6-13-69  
to Lubbock news media

LUBBOCK -- Visitors from Egypt and Algeria are expected to arrive in Lubbock Sunday (June 15) as special guests of Texas Tech's International Center for Arid and Semi-Arid Land Studies.

The expected visitors are Dr. M. Kassas, international authority on arid land ecology and professor of botany at the University of Cairo, and H.-N. Le Houerou, a representative from Algeria to the United Nations Food and Agriculture Organization.

They will visit with officials of the International Center, university administrative officials, faculty and students. Their visit is scheduled to end Tuesday afternoon.

Kassas is the author of "Egyptian Deserts," more than 30 articles dealing primarily with arid land ecology, and is the translator of several scientific articles from English into Arabic.

He has served with the United Nations in several capacities. He was one of a four-man panel asked to prepare Mediterranean basin ecological maps. He served on the UNESCO committee on problems of arid zone cartography and as chairman of a symposium on the botany of arid and semi-arid regions at the Tenth International Congress of Botany.

At UNESCO's invitation, he has attended conferences on various aspects of arid zone studies in Spain, Italy, France, Tunisia and the United States.

He is a graduate of the University of Cairo and Cambridge University in England.

Le Houerou's specialty also is the ecology of arid lands.

*Log*

This release distributed 6-13-69  
to Lubbock news media

LUBBOCK -- Ninety-five members of the Wally Byam Caravan Club International took in one of Lubbock's newest tourist attractions Friday (June 13) when they toured Texas Tech's newly expanded Textile Research Center.

The club is headed locally by Gene Cribbs, 4017 31st Street, Lubbock, and Mrs. Cribbs was in charge of local arrangements for the trailer tourists.

Those touring the TRC included travelers from Louisiana, Oklahoma, Texas and New Mexico. Their Lubbock headquarters is in MacKenzie Park.

-30-

18-6-13-69  
Bea Zeeck

Date	STORIES & CUTLINES	Locals	State	Reg.	HT's	EXPLANATION
✓ 1-6-16-69	Intele Research Center ✓					Special <sup>350</sup> mailing
✓ 2-6-17-69	Amer. Society for Engr. ✓					
✓ 3-6-17-69	Park Admin. Grads. ✓					Special mailing
✓ 4-6-17-69	<sup>Culture</sup> Burlington Industries ✓					Post
✓ 5-6-18-69	Estrus Synchronization ✓			✓		Special mailing
✓ 6-6-18-69	Computer Programming ✓					
✓ 7-6-18-69	Water Exp. Periments ✓ (Zoology)					
✓ 8-6-18-69	Business Educ. Cong. ✓			✓		
✓ 9-6-18-69	Engr. Education ✓					100 cc. to Penn. State Univ
done on the 19th ✓ 10-6-20-69	Input/Output Training ✓					Journal on 55 Counties Special mailing
✓ 11-6-20-69	Egypt Al-Ali comes to Lubbock ✓					
✓ 12-6-20-69	School Business <sup>services</sup> Workshop ✓					
✓ 10-6-20-69	Same - but released today - ✓					
✓ 13-6-20-69	Grid Land Symposium ✓					
✓ 14-6-20-69	Hometowns for Summer Theatre ✓					23

Date	STORIES & CUTLINES	Locals	State	Reg.	HT's	EXPLANATION
✓ 1-6-16-69	Intale Research Center ✓					Special <sup>350</sup> mailing
✓ 2-6-17-69	Amper. Society for Engrs. ✓					
✓ 3-6-17-69	Park Admin. Grads. ✓					Special mailing
✓ 4-6-17-69	<sup>Culture</sup> Burlington Industries ✓					Fast
✓ 5-6-18-69	Estrus Synchronization ✓			✓		Special mailing
✓ 6-6-18-69	Computer Programming ✓					
✓ 7-6-18-69	Water Experiments ✓ (Geology)					
✓ 8-6-18-69	Business Educ. Conf. ✓			✓		
✓ 9-6-18-69	Engr. Education ✓					see cc. to Penn. State Univ
done on the 19th ✓ 10-6-20-69	Input/Output Training ✓					Journal 55 Counties Special mailing
✓ 11-6-20-69	Egypt Al-ali comes to Lubbock ✓					
✓ 12-6-19-69	School Business <sup>services</sup> Workshop ✓					
→ 10-6-20-69	Same - but released today - ✓					
✓ 13-6-20-69	Arid Land Symposium ✓					
14-6-20-69	Hometowns for Summer Theatre					23

cutlines ....

**TEXTILE CENTER TOURISTS -- Harry E. Arthur, assistant director of Texas Tech's Textile Research Center, left, serves as host to the Wally Bynum Caravan Club International. With the 95 trailer tourists visiting the Center were Joe Smith, Midland, president of the club's Region Nine, and Mrs. Gene Cribbs, right, who was in charge of local tour arrangements.**

**(Tech Photo)**

Log

This release distributed 6-16-69  
to Lubbock news media

LUBBOCK -- Invitations have gone out to industry, research and educational leaders of both Americas, the Far East, Europe, Africa -- wherever fibers are produced and processed -- to the International Textile Research Symposium to be held at Texas Tech's Textile Research Center Oct. 30-31.

The symposium is timed to bring the world's textile industry leaders to Texas Tech for the open house at the recently expanded Textile Research Center, itself a rarity in textile research.

The center will be the "only university related research laboratory in the nation capable of performing textile operations on a commercial scale from fiber processing to dyed and finished materials," according to Director John R. Bradford, dean of the Tech School of Engineering.

Dr. Bradford recently attended the International Cotton Research Symposium in Paris to invite personally speakers and textile industry leaders to the symposium and open house.

Jack D. Towery, director of the Textile Research Center's Physical Measurements Laboratories, is spending six weeks in Indonesia for the Far Eastern Staff of the Aid for International Development, Department of State, and will extend invitations while there and at other points along his tour.

**Add one -- Textile Research Center**

En route to Indonesia he will renew acquaintances with Hong Kong spinners who visited Texas Tech last fall.

He will return by way of Australia and visit three woolen research laboratories. At all stops Towery will be inviting fiber and textile people to the symposium and open house.

"The symposium is devoted to the subject of textiles in a continuously changing economic and social environment," Dr. Bradford said.

"It will provide opportunity for the participants to meet in formal and informal discussion of current problems and progress in the utilization of fibers and textiles.

"Interchange of ideas between the scientific and utilization communities will concern the broad sector of applied research and its relation to the expanding international fibers and textile products industries," he said.

The series of lectures and luncheon and dinner addresses are being planned to explore the subjects of:

Distribution and pattern of textile utilization, fashion and consumer demand;

Fiber properties and functions in blends, as dictated by end use;

New developments and broadened potentials in chemical finishing;

Apparel manufacturing methods versus new fabrics; and

Innovations in knitting and resulting effect upon the apparel industry.

Add two -- **Textile Research Center**

Dr. Bradford said the key objectives of the newly equipped and expanded center are to:

Develop new and improved textile processing techniques and blends using cotton, wool, and mohair as well as blends of these with synthetic fibers to stimulate new markets.

Evaluate the properties and processing characteristics of natural fibers.

Provide facilities and skilled people to train students in textile engineering, and

To help the textile industry in Texas solve problems of manufacturing ... from processing of raw stock to the procedures in finishing.

He said the modern mechanical and chemical processing pilot plant and laboratories will provide research on and expedite development of new yarns and fabrics via new processing techniques and finishes.

Academically, the facilities are used by the Department of Textile Engineering to "play a dynamic role in educating students who may assume positions in any sector of the vast industry where fibers are used."

Gov. Preston Smith of Texas called the center "another bold, exciting step toward improving and expanding our fibers industry; toward expanding our industry and agriculture ... toward helping us realize the true economic and social benefits offered by our vast fibers industry."

-More-

**Add three -- Textile Research Center**

**Additional information about the symposium and open house may be obtained from the Textile Research Center, Texas Technological College, Lubbock, Texas, 79409.**

**-30-**

**1-6-16-69**

**By Dan Tarpley**

**PS: You will receive an invitation to the symposium and the open house from the officials of the Textile Research Center soon.**

*Log*

This release distributed 6-17-69  
to Lubbock news media

LUBBOCK -- Three Texas Tech School of Engineering faculty members will participate in the American Society for Engineering Education (ASEE) meeting June 23-26 at Pennsylvania State University.

They are Dean J. R. Bradford, who will moderate two section meetings and preside at business executive session; Prof. R. A. Dudek, who will preside at a business luncheon; and Prof. B. K. Lambert, who will give a paper for the Industrial Engineering Division.

Bradford is a member of the board of directors for the Engineering College Research Council, which will meet at Penn State at the same time.

Other members of the Tech faculty also will attend the ASEE convention. The society's 1972 convention is to be held at Tech.

-30-

2-6-17-69

By Dee Powell

Log

This release distributed 6-17-69  
to Lubbock news media

LUBBOCK -- Eight men this spring earned master's degrees in park administration at Texas Tech, the largest group to receive the degree at one time from the nation's first university to offer a park administration curriculum.

Three of the degree recipients were from Texas. One is a resident of Australia and one of Canada. The other three are from Utah, Oregon and Virginia.

One of the spring graduates already is nationally known in park administration. He is Alfred B. LaGasse of Fairfax, Va., who is executive director of the American Society of Landscape Architects, Washington, D. C. His thesis was a study of the structure of the society.

Horn Prof. Elo J. Urbanovsky, who organized the current department of park administration in 1949, is chairman of the Department of Park Administration, Horticulture and Entomology.

Three also received master's degrees in entomology, bringing to 11 the total number of advanced degrees awarded through the department.

In park administration, the wide choice of professional routes was indicated in the variety of students' minors. These included history, economics, sociology, government and horticulture.

Two of those receiving master's degrees in park administration will remain with the department at Texas Tech. They are John M. Gosdin of Lubbock and Austin and Pat D. Taylor of Bonham who will serve as instructors and research technologists.

Barry Hutcheson of Dallas, who received his master's degree in history with a minor in park administration, will remain as a research assistant.

Their thesis topics were: "A Basis for Faculty Development at Guadalupe National Park," Gosdin; "The Trans-Pecos: A Historical Survey and Guide to Historic Sites," Hutcheson; and "A Proposal for the Development of a Recreational Environment for Lubbock County, Texas," Taylor.

Other graduates and their thesis topics were: Michael Hamberlin of Logan, Utah, now employed with the Essex County (Newark), N.J., Park System, "Recreational Potential in the Trans-Pecos Area of Texas;"

Paul Herbert of Canberra, Australia, now employed with the Parks and Garden Section, Department of the Interior, Canberra, "The San Antonio River Basin: A Recreational Region;"

Kenneth Porter of Canby, Ore., now employed with the United States Corps of Engineers, Fort Worth, "The Criteria and Techniques for Estimating Optimum Recreational Capacity at Water Resource Projects;"

John Morley of Niagara-on-the-Lake, Ontario, now employed with the government as a park administrator, Prince Edward Island, Canada, "The Utilization of Public Open Space Along Highways: Guidelines for the Development of Roadside Parks;"

John S. Blair of Houston, now employed with the Texas Parks and Wildlife Department, Research Division, Austin, "The Application of Motivation Research to the Field of Park Administration."

Graduating from the same department with master's degrees in entomology were:

John C. Owens of Plainview, now a research assistant and doctoral candidate at Iowa State University, "Evaluation of Selected Non-chemical Methods of Mosquito Control in Playa Lakes;"

Charles D. Schmidt of Fredricksburg, now employed by the U.S. Department of Agriculture, Research Service, Entomology Research Division, Kerrville, "Effects of Density and Sex Ratio on Oval Position, Egg Hatch, and Adult Survival of Horn Flies;"

And Robert L. Stanford of Plainview, an entomological consultant, "Effect of the Stages of Bloom and Selected Insecticides on the Control of the Sorghum Midge."

# **T NEWS**

Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

*Log*

**LUBBOCK -- A grant of \$12,000 from the Burlington Foundation has provided for carpeting in the Textile Research Center and auxiliary facilities at Texas Tech.**

**Chosen for installation in the center was carpet from the "Accomplishment Series," a product recently released by Lees Carpet Co., a subsidiary of Burlington Industries.**

**"A unique feature of this carpet," explained Dean John R. Bradford of the School of Engineering, "is the tiny stainless steel wire inserted into the fiber, providing for dissipation of static electric charge."**

**This feature was deemed necessary, Bradford said, because the fiber lint in the Textile Research Center presents a potential hazard.**

**The new carpet is laid with adhesive and has fire-retardant features, he pointed out.**

**The funds for purchase and installation of the carpet were presented by Vic Slater of Post, manager of the Postex Plant of Burlington Industries.**

**"We are extremely pleased that the Burlington Foundation has assisted us in the expansion and development of the Textile Research Center," Bradford said.**

-30-

4-6-17-69

By Dee Powell

# **T NEWS**

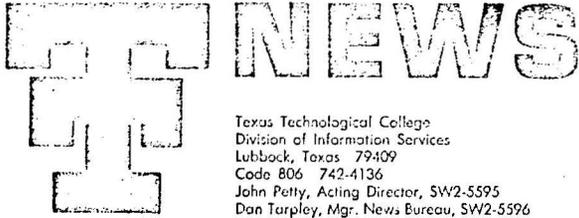
Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

## **Cutlines -----**

**VIEW NEW CARPET -- A sample of a new type floor covering which dissipates static electric charges is examined by, left to right, Vic Slater of Post, Harry Arthur and Tom Wallace, both of the Texas Tech Textile Research Center. A \$12,000 grant from the Burlington Foundation has provided for purchase and installation of the carpeting in the Textile Research Center. Slater is manager of the Postex Plant of Burlington Industries and represented the Burlington Foundation at presentation of the grant funds. (Tech Photo)**

**-30-**

**4-6-17-69**



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

6/17/69

outlines....

EGYPTIAN ECOLOGIST -- Prof. M. Kassas, an ecologist on the faculty of the University of Cairo, center, left Lubbock Tuesday (June 17) after a three-day visit with representatives of Texas Tech's International Center for Arid and Semi-Arid Land Studies. He discussed his field with faculty of the university's Department of Range and Wildlife Management and the Department of Biology, including Dr. Arthur M. Elliot, left, and Dr. Lyle C. Kuhnley. (Tech Photo)

###

btz

*Log*

This release distributed 6-18-69  
to Lubbock news media

LUBBOCK -- Experimental efforts at Texas Tech to control the estrous cycle, or "heat" periods, in cows are paying off.

Animal scientist Sam E. Curl, assistant dean of the School of Agricultural Sciences, said, "A number of the problems which have limited the commercial usefulness of synchronization techniques are gradually being solved."

Dr. Curl's statement coincided with his announcement of receipt of a research grant of \$30,500 from G.D. Searle and Company, Chicago, bringing to a total of \$92,000 the amount the firm has provided for use in Dr. Curl's studies at Tech. The pharmaceutical company also provided hormones and other research materials used in the experiments.

"If most of the cows in a herd can be made to exhibit estrus within a three-day period, the saving in time, labor and cost for cattle producers will be enormous," Dr. Curl said.

"With such a program, many animals can be artificially inseminated within that period, eliminating the problems of estrus checks on the range with insemination of only a few receptive cows each day."

"The result of our tests and others lead me to believe that improved synchronization methods can and will become a practical tool in the hands of many ranchers in the near future," Dr. Curl predicted. "In combination with the control of estrus and ovulation, artificial insemination then will gain more widespread acceptance by beef producers and thus provide for considerable genetic improvement."

During the past two years, Dr. Curl said, cattle synchronization studies at Tech have involved the use of progestinated plastic implants placed under the skin of the animal's back. The implants, pencil-size in diameter and about two inches long, are removed by means of a withdrawal string after 16 days.

-More-

Add one -- Experiments with Cattle

About 80 to 85 per cent of the cows can be expected to exhibit estrus within 72 hours after implant removal, Dr. Curl said.

Twelve basic studies have been conducted recently to determine the influence of various sizes and types of implants and concentrations of the hormone used on the release rate of this steroid from the implant.

For a synchronization treatment to be effective, Curl said, sufficient amounts of the progestin administered must reach the circulation daily to prevent estrus.

At the same time, he pointed out, the levels of the treatment compound must be low and/or mild enough to allow full release of the hormones responsible for estrus shortly after the end of the treatment.

"Synchronized estrus and insemination of herds in a brief period," Curl said, "help control calving periods which in turn save more time, labor and expense and tend to increase the calf survival rate."

"These same savings are carried over into working and feeding periods, and more uniform groups of calves can be marketed."

Everett Loukonen of Madera, Calif., a graduate animal science student, is working with Dr. Curl, an associate professor of animal science, in the experiment. The latest grant from G.D. Searle and Company will fund the synchronization research at Tech for another year.

This release distributed 6-18-69  
to Lubbock news media

LUBBOCK -- Texas Tech research officials concluded negotiations today to launch a study to learn if computer programming students can and will learn faster if they manually handle the computers.

Tech Computer Services Director George Innis has been named principal investigator to administer the \$25,000 sponsored research grant from Control Data Corporation to make a "comparative study of hands-on versus closed-shop operation as it relates to the process of learning to program."

Contracts were signed for the corporation by Brad Woods of Midland, area account representative, Dr. Innis, Dr. Monty Davenport, associate vice president for research, and Dr. Glenn E. Barnett, executive vice president at Tech.

The grant will finance a three-year study under Dr. Innis' supervision.

"It may well be," Dr. Innis said, "that properly supervised hands-on operation results in a more rapid development of good programming traits and capabilities. As a consequence, this may actually reduce the cost of training a prospective programmer below that of closed-shop operation.

"Evaluation of the two training methods is a very complicated problem which may be approached, however, by a comparison of learning rates, error types, error frequencies, etc., for students in a closed-shop environment with those who actually get some hands-on contact with the computer."

## Add one -- Computer Programming

He said the results of the study will have significance with regard to the learning process in programming and economics of training prospective programmers.

Dr. Innis said the only similar project known to him is one at the University of Vermont which actually is a comparison of "batch processing and time sharing in the teaching of programming."

"The acquisition of programming capability is a highly individual process," Dr. Innis said. "Two factors which are of particular relevance to the learning process in programming are motivation and a background of general knowledge to computers. It is our hypothesis that both factors are influenced positively when the student can observe and participate in the entire sequence in the job control process to the extent not only of programming and keypunching but also of actually operating the machines."

Faculty associates in the project include Drs. Russell Seacat, Patrick Odell, Richard Barton, Richard Dudek, Fred Rigby and Lou Anne Roberts. Research associates will include Burl Hubbard, Luta Eaves, and Alonzo Adkins.

"The grant will be most helpful in our research efforts to find the most efficient methods of teaching computer programming," Dr. Innis said. "We are most grateful to Control Data Corporation for the generous grant. The funds will be used diligently to obtain training information which will be helpful to the entire computer industry."

6-6-18-69

By Dan Tarpley

Log

This release distributed 6-18-69  
to Lubbock news media

LUBBOCK -- The development of new techniques by Texas Tech researchers in geology will help a scientific team this summer to create a picture of the mineral quality of water held underneath the Texas High Plains.

The team led by Prof. John J. Dowling spent last year testing equipment, a computer program for analyzing data and the method for the study.

By measuring the electrical properties of rocks in the underlying Ogallala Formation, the team can make an interpretation of the water quality.

"There are several techniques for measuring the electrical properties of rocks near the surface of the earth," Dowling said, "but none of these had been applied successfully before to a semi-arid region where electrical conductivity of soils presents a special problem.

"Now we can get meaningful data on dissolved solids which pollute the Ogallala Formation," he said.

Salt and nitrates are of particular interest to the team which includes graduate students Russell Blumentritt, who helped develop the equipment and program, and Bruce Allen. Geosciences Prof. W.D. Miller is a consultant for the research to be done this summer.

The 1969 summer work includes provision for 200 to 300 test sites at 10 or 20 mile spacings.

The research is funded by Texas Tech's International Center for Arid and Semi-Arid Land Studies which provided an initiation grant of \$1,400 for the first year's study and \$2,500 for the 1969 research.

Representing the International Center, Dr. Dowling presented a paper, co-authored by Dr. Miller, describing the research for the 50th annual meeting of the American Geophysical Union, April 21-25, in Washington, D. C.

*Log*

This release distributed 6-18-69  
to Lubbock news media

LUBBOCK --Business education for students with exceptional needs will set the theme for the 15th annual Texas Tech Business Education Conference Monday (June 23).

Sessions of the one-day conference will be held in the Business Administration Building.

The Tech Department of Special Education will cooperate in presenting studies of sensory, neurological, intellectual and physical problems of the exceptional student.

Dr. Bruce D. Mattson, chairman of the Department of Special Education, will be speaker for the first session. His topic will be "Educational Implications of Exceptionality." Tests and measurements will be the theme of a talk by Dr. Charles R. Jones at the second morning session.

Highlighting the afternoon program will be a panel discussion, "Adapting Business Education for Exceptional Children." Participating will be Dr. Mattson, Dr. Jones, Dr. Royce C. Lewis Jr., orthopedic surgeon, and B.R. Whigham, counselor for Texas Employment Commission.

Principals, guidance counselors, special education and business education teachers of area schools are expected to attend, said Dr. W.R. Pasewark, chairman of the Department of Business Education.

Dr. Ronald D. Johnson is in charge of conference arrangements. There is no registration fee.

-30-

8-6-18-69

By Dee Powell

*Log*

This release distributed 6-18-69  
to Lubbock news media and Pennsylvania  
State University

FOR RELEASE IN A. M. PAPERS JUNE 25.

LUBBOCK, TEXAS -- Faculty members want a stronger voice in developing departmental policies, Texas Tech Prof. B.K. Lambert told the American Society for Engineering Education (ASEE) members meeting Tuesday (June 24) at Pennsylvania State University.

Speaking before the ASEE industrial engineering division, Lambert discussed faculty members' views and contributions in departmental policy making.

According to a survey of professors, Lambert said, faculty members most desire a place in making academic policy but would appreciate participation in determining administrative and research policies.

Lambert, who received three degrees in industrial engineering from Tech before joining the university's teaching staff in 1967, outlined ways in which faculty members could participate more fully in policy making.

He suggested that teachers be given ample time to consider questions concerning departmental policy formulation, improvement in the delegation of authority to faculty members on committees, clear definition of committee duties, better communication between the department chairman and faculty members, and cooperative rather than dictatorial participation by the department chairman.

Among the conditions necessary for successful operation of a policy making system within a department, the Tech professor said, were the lack of factions among faculty members, the necessity of mutual respect and an open-minded approach by the department chairman.

The policy formulation system of the Texas Tech Department of Industrial Engineering was cited by Lambert as a good example of faculty participation. Committees with definitely defined duties and weekly faculty meetings contribute to active work on the part of teachers in developing guides for the department.

Log

This release distributed 6-20-69  
to Lubbock news media

LUBBOCK -- The determination of what's what in the Texas economy -- and where the markets are, where the business goes, who buys and who sells -- is an initial goal of a new input-output study in which Texas Tech is participating.

The ultimate goal is to provide a sound basis for future planning in Texas by private and public agencies, institutions and businesses.

Under Texas Tech's supervision one segment of the study, covering 56 counties on the Texas High Plains and the Permian Basin, is being surveyed. The area is bounded on the north by the Texas-Oklahoma border and on the south by Reeves and Pecos counties.

Approximately 300 manufacturing firms are being asked to cooperate in the first stage of the study which later will cover other economic sectors including agriculture, wholesaling, retailing, transportation, communications, utilities and -- in a final group -- finance, insurance and real estate firms.

Those interviewed are chosen by random selection.

Prof. James E. Osborn is directing Texas Tech's portion of the survey. Eight other educational institutions are conducting projects in other regions.

"While national input-output studies have been made, and several other states have completed their own input-output surveys," Dr. Osburn said, "Texas is the first to develop regional projects which will give us a picture of economic relationships within regions and inter-regionally."

Already in the field are six full-time university employees, seeking information concerning manufacturing in western Texas.

"In an average of 90 minutes," Prof. Osburn said, "an interviewer can find out the details from one manufacturer which eventually may help the state decide such big problems as which highways should be built and which should be phased out, or what types of education will be needed in the future, offering what types of training."

-More-

Add one -- Input-Output of training

"Because our interviewers have to ask questions about all aspects of manufacturing, including those relating to labor and taxes," he said, "it was necessary to set the project up so that no identifications can be made after interviews are recorded. All information obtained is confidential."

Osborn pointed out that this permits the person interviewed to give full information, and "then the whole picture is accurate.

"With accurate information," he said, "our projections will be very reliable."

Texas Tech Agricultural Economics Prof. Herbert W. Grubb is in Austin to direct the statewide study which will make results available for planning by agencies of local, state and federal governments and by private businessmen.

The work is being conducted through a joint effort of the Governor's Office, the Planning Agencies Council for Texas, the United States Department of Housing and Urban Development, and the nine Texas colleges and universities.

"The project will determine systematically," Dr. Grubb said, "the dependence of the various economic sectors upon natural and human resources.

"One emphasis will be the interdependence among the sectors of the economy. Another will be the relations of the Texas economy to out-of-state markets and raw material supplies."

Wendell Barrick, who is aiding in the project at Texas Tech, explained that the study is new for the state of Texas, but input-output studies have been used by corporations for some time.

"Western Electric has used an input-output study for planning for close to 20 years," he said.

For the United States, similar studies were made in 1947 and 1958, and a third was started in 1963. California, West Virginia, Kansas and Maryland are states which recently have completed input-output studies.

Osborn explained that uses of the results are almost unlimited.

Add two --Input-Output of training

"For instance," he said, "the state Highway Commission can find out which shipping routes are likely to have the most traffic. From this information, good decisions can be made for the future -- where new highways will go and where old will be phased out."

Interviewers for the massive study were selected on the basis of several abilities, Osborn said, including a background understanding of the information they would be seeking.

They were given intensive training at Texas Tech, studying eight hours a day for two weeks. This was followed by team interviews and interview evaluations in the Lubbock area before they were sent into other counties.

The interviewers for Texas Tech are Kenny Laye, a resident of Pampa; Charles Scarborough, Petersburg; Bill Barrick, Tulia; Mike Killman, Lubbock; Bill McCray, Panhandle, and Joe Ben Whittenburg, Odessa.

Other institutions participating in the study are the University of Texas at Austin, at El Paso and at Arlington, Hardin-Simmons University, Texas A&M University, Pan-American College, the University of Houston and Lamar State College.

*Log*

This release distributed 6-19-69  
to Lubbock news media

**Editor's note:** Mr. Al-Ali will arrive by air Sunday. There will be no official greeting at the airport at the suggestion of Eisenhower Exchange Fellowships, Inc.

**LUBBOCK --** General Manager Ezzat Al-Ali of the Saudi Arabian Agricultural Bank will visit Texas Tech June 23-25 as a guest of the International Center for Arid and Semi-Arid Land Studies.

Al-Ali is visiting the United States as an Eisenhower Exchange Fellow. He will spend five days in Lubbock, the last two as the guest of United States Department of Agriculture agencies.

The visitor is studying the American approach to farm finance and agricultural marketing. His visit with the International Center reflects his special interest in programs for the development of arid lands.

Scheduled for his visit are tours of the campus, The Museum, Texas Tech's experimental farms in Lubbock and the Texas Tech Research Farm at Pantex.

Conferences have been scheduled with Tech Executive Vice President Glenn E. Barnett, International Center officials and several members of the faculty.

-More-

Add one -- Ezzat Al-Ali of Saudi Arabia

Dean Gerald W. Thomas of the School of Agricultural Sciences said conferences scheduled include sessions with Chairman Willard F. Williams of the Department of Agricultural Economics; Prof. Ira L. Williams, who spent a year in Saudi Arabia as a representative of the United Nations Food and Agriculture Organization; Dr. Frank A. Hudson, sheep specialist in the Department of Animal Science, and Assistant Dean Samuel E. Curl, animal science department physiologist.

"The school will try to make maximum use of Mr. Al-Ali's time," Dean Thomas said, "and conferences will be arranged to suit his special interests in agricultural credit, marketing, modern farm management and sheep and goat breeding and herd management."

Eisenhower fellowships provide travel and observation for men who have demonstrated outstanding leadership in their respective countries and professions. They are supported by 1,500 corporations, foundations, and individuals who accept the concept of "training in leadership as a positive force for international understanding."

11-6-19-69

By B. Zeeck

*Log*

This release distributed 6-19-69  
to Lubbock news media

LUBBOCK -- Public school officials from across the state will gather Wednesday and Thursday (June 25, 26) at Texas Tech for the 18th annual School Business Services Workshop.

About 65 school business officers and administrators are expected to attend sessions in the ballroom of the Student Union Building.

Speech and panel discussion topics will include new legislation, budgeting and accounting, federal programs, proposed revision of the economic index, a uniform commercial credit code and new developments in teacher retirement.

Dr. Glenn E. Barnett, Tech executive vice president, will give the keynote address at the opening session, with Roy Wood of Arlington presiding.

Others participating in Wednesday morning studies will be Jim Hooser of Texas State Teachers Association, Dr. B. J. Fallon of Texas Tech, Linus Wright of Lubbock Independent School District; Charles Hallmark, Education Service Center Houston; Olie Grauke, Spring Branch ISD; Dr. Irene St. Clair and Perry Cox, Texas Education Agency; and Bill Taylor and Bud Halbert, Peat, Marwick, Mitchell and Company.

-More-

Add one -- School Business Services Workshop

Taking part in the afternoon program will be R. E. Slayton and Paul Mettke of Texas Education Agency and business officials of independent school districts, including Ralph Karlsruher of El Paso, Don Furgeson of Midland, David A. Hiner of Abilene, Floyd Honey of Lubbock and Lee Elder of San Angelo.

Speaking at the Thursday morning session will be Don Crockett of Big Spring; P. E. Hutchinson, director of finance for Texas Education Agency, and H. J. "Doc" Blanchard, state senator. Don Crockett will preside.

Leonard Prewitt, associate director of the Teacher Retirement System of Texas, will be speaker at a noon luncheon Thursday. Harold Glasscock of Lubbock will preside at the luncheon, the concluding event of the workshop.

Wright and Fallon are conference coordinators.

Sponsors of the meeting include the Texas and West Texas Associations of School Business Officials, Texas Tech, Lubbock Independent School District, Education Service Center of Region XVII, Texas Tech chapter of Phi Delta Kappa and various school equipment exhibitors.

12-6-19-69

By Dee Powell

FOR RELEASE SUNDAY, JUNE 22

LUBBOCK -- The Third International Symposium sponsored by Texas Tech's International Center for Arid and Semi-Arid Land Studies will be held Sept. 25 and 26 on the university campus.

The symposium will feature the many areas of arid lands research at the university.

Prof. Idris R. Traylor, chairman of the International Center Board of Deputy Directors, said six speakers of international reputation in various fields are expected to participate, complementing the papers to be given by more than 30 faculty members.

"The board chose to make the symposium multi-disciplinary in character," he said, "because arid land interests at Texas Tech cover a particularly broad range of interests."

Speakers will discuss such varied interests as animal husbandry and history, chemistry and ecology, agronomy and engineering, literature, anthropology, education, biology and geosciences.

On the planning committee for the symposium are Deputy Directors Gerald W. Thomas for agricultural sciences and home economics, John C. Gilliam for the business sciences, Justin C. Smith for law and Magne Kristiansen for engineering.

Lectures will be open to students, faculty and the public free of charge. The registration fee for full participation in the symposium, including luncheons and the printed proceedings, was set at \$10.

Proceedings of the two previous symposiums -- "Arid and Semi-Arid Lands: a Preview" and "Increasing Food Production in Arid Lands" -- are available through the International Center.

Date	STORIES & CUTLINES	Locals	State	Reg.	HT's	EXPLANATION
1-6-23-69	Cutteri - Dr. D. O. Hiley	✓				
2-6-23-69	Bus. Educ. Workshop	✓				
3-6-23-69	Computer Services	✓				
4-6-23-69	<sup>(2) Cutteri</sup> Prof. Chester M. Rowell	✓		✓		50 m's
5-6-23-69	W. R. Hall's Klett	✓		✓		50 m's Special
6-6-23-69	D. O. Hiley - papers South west Collection	✓				
7-6-23-69	Gene Selpner	✓				
8-6-23-69	Ezzat Al-Ali (cutline) - also	✓				
9-6-24-69	Summer Reportery	✓				
10-6-24-69	Imagine Chemicals	✓		✓		for mag. wk. spec. mailing
11-6-24-69	Ezzat Al-Ali	✓				
12-6-24-69	Mrs. Hildring Edwards	✓				
13-6-24-69	Seaman Student at Seck	✓				
14-6-25-69	<sup>31</sup> Dr. Yang of Louisiana State	✓				
15-6-25-69	Sweeni Short Course	✓		✓		weeklies

Date	STORIES & CUTLINES	Locals	State	Reg.	HT's	EXPLANATION
16-6-25-69	✓ Egypt Al-Ali - Arabism					
17-6-25-69	✓ Cheerleader School					
18-6-25-69	✓ New Era in Education (Outline)					
19-6-25-69	✓ Mr. Russell Pettit	✓				Hometown
20-6-26-69	✓ Polish Immigrants in Texas	✓				
21-6-26-69	✓ Posthumous Awards	✓				Pfc. Paul Metley)
22-6-26-69	✓ Music Recital	✓				
23-6-26-69	✓ New Controller to Tech	✓				Co-Students Univ. of Indiana
2-6-30-69	<del>Third International Symposium</del>					<del>Gasals like</del>



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

cutline

GIVES PAPERS TO COLLECTION -- Dr. D. O. Wiley shows to Mrs. Beth Schneider one of the scrapbooks of events during his 25 years as Texas Tech band director which he has given to the Southwest Collection at the university. Mrs. Schneider, a Southwest Collection secretary, made most of the arrangements for the donation.

(Tech Photo)

-30-

1-6-23-69

*Leg*

This release distributed  
6-23-69 to Lubbock News Media

LUBBOCK -- Associate Dean John C. Gilliam of the Texas Tech School of Business Administration arrived in Gunnison, Colo., Monday (June 23) to conduct the 16th annual Business Education Workshop for Western State College of Colorado.

Dr. Gilliam also will be the chief consultant for the workshop on "Current Issues in Business." The sessions will continue through July 3.

Approximately 30 participants were expected for the workshop which, Dr. Gilliam said, would cover a broad range of business developments in the areas of taxation, labor, automation and other problems.

-30-

2-6-23-69

By B. Zeeck

*Log*

This release distributed  
6-23-69 to Lubbock News Media

LUBBOCK -- Directions of computer usage during the next five years at Texas Tech will be determined at a group of users' meetings beginning at 1:30 p.m. Wednesday (June 25) in the Architecture Auditorium.

At the Wednesday meeting, Computer Services users and staff will discuss goals, limitations, methods and findings in regard to equipment now at the university.

Five computer manufacturers will make presentations to Tech personnel between June 26 and July 14. Capabilities and limitations of each manufacturers' hardware and software will be given.

A second review meeting is scheduled July 17, said Robert T. Tomlinson, chairman of Tech Computer Services evaluation committee.

-30-

3-6-23-69

By Dee Powell

LUBBOCK -- Orchids shouldn't grow in West Texas, but they do. So do poisonous moonflowers, innocent snow-on-the-mountain and about 1,000 other species of native plants.

Expert on the flora of the High Plains and the beautiful and often curious flowers the plants produce is Texas Tech Botany Prof. Chester M. Rowell.

Dr. Rowell is a taxonomist -- a classifier of plants -- and curator of Texas Tech's herbarium of approximately 30,000 specimens.

The herbarium had about 2,000 items when Rowell joined the Texas Tech faculty in 1957. A great many of the additions are his.

Because so little had been done in the taxonomy of High Plains plants, Rowell found the field a discoverer's paradise and a teacher's dilemma.

"There were no books to help students identify what they found in the field," he explained.

As a result, Rowell and other botanists at the university have prepared classroom material.

With Dr. Paul Prior and Biology Chairman Earl D. Camp, Rowell prepared a "General Botany Laboratory Manual" which has been adopted by 12 other educational institutions in the Plains area.

The 125 undergraduate students who take his taxonomy course each year use the 68 charts in the revised, third edition of Rowell's "Taxonomy of the Flowering Plants," adopted by four other schools. The charts are "mostly of wild plants which grow here," he said.

Scheduled for publication later this year is his "Vascular Plants of the Texas Panhandle and South Plains." Other studies by Rowell have been incorporated in publications on plants important in the state of Texas.

## INTERNATIONAL EXCHANGE

He exchanges specimens and information with scientists in Arizona, Mexico, Australia, Israel and Egypt and has specimens on loan now to institutions in Mexico, California, Idaho, Michigan and New Jersey.

In the field, Rowell found five vegetative zones and an "interfingering of three flora types" in the High Plains area.

The flora, he said, consists of elements from the High Plains, the Cross Timbers area of Central Texas and the Chihuahua Desert of Mexico.

"A great many are disturbance lovers," Rowell explained. "When competition from the grasses was reduced, the flowering plants increased."

The flowers were on the Plains when settlers first came, but in fewer numbers. The early arrivals saw, just off the Caprock, a mixture of Indian grass, silver bluestem, switchgrass and side oats grama. As they came up on the Caprock, the silver bluestem persisted along with shorter grasses. There were buffalo grass, blue grama and hairy grama.

## STAKES ON THE PLAINS

Yucca -- also called "bear grass" and "Spanish sword" -- is a plant which has long flourished, he said. According to Rowell the name, "The Staked Plains," likely is related to the yucca. The Spanish first gave the area that description, calling it the "Llano Estacado."

"As you come up on the Caprock," said Rowell, "you often see the dry stalks of the yucca standing up just like stakes. I think it's very possible that the plant is responsible for the name."

The yucca, he said, at one time furnished "fireworks" for early celebrations.

"The stem was grasped and the dry plant set ablaze in the campfire, and then tossed into the air," he explained.

Another use for bear grass is the "soap" in the root. To get the soap out, the root is beaten.

Add two -- Chester M. Rowell - Botany Prof.

"It gives a good suds, and it cleans," said Rowell.

The soapberry tree, another native plant, was well named, too. After the first frost the berries yield a satisfactory soap.

The area has five vegetative zones, he said, naming them as the High Plains grassland, the canyon margins, the rough country of the canyon walls and breaks, the creek and river bottoms and the playa lakes "which have a rather distinctive flora of their own."

### ICE AGE ORCHIDS

The orchids found by botanists are a "holdover" from the Ice Age when the High Plains were "more moist and warmer." They have survived in areas protected by nature and by the scientists who, fearing they might be destroyed, keep the exact locations to themselves.

One terrestrial orchid found in Garza County, he said, is usually found in deep East Texas and in the high Big Bend Chisos Mountains.

Among the particular beauties of the area, Rowell cited the sand lily "that's not really a lily at all."

"Ranchers call it a night blooming cereus," he said, "and it's not that, either."

It sometimes is called a "beggar's patch" because the spines mat into fabric and are "almost impossible to remove." It is *Mentzelia stricta* in the Loasaceae.

By whatever name, the many-petaled, waxlike flower that blooms on canyon walls is beautiful, and it typifies a problem in common names for flowers.

"A bachelor button in West Texas is a cornflower in the north," Rowell said. "West Texas has no buttercups. What is called a buttercup is really related to the evening primrose."

Because of the confusion, scientists follow a pattern set in 1753 by a Swedish botanist, Carl Linnaeus, the first to use two Latin names to identify plants precisely.

Add three - Chester M. Rowell - Botany Prof.

### WIDOW 'S TEARS

Scientists enjoy the imaginative local names, however, said Rowell, even if they can't serve scientifically.

He described the two-petaled "widow's tears," ironically named "because there are just two of them and they only last a day."

Other descriptive names used on the High Plains for commonly found plants are the rag sumpweed, the curlycup gumweed, the Illinois bundleflower and the woolly bucket Bumelia.

Especially beautiful among the High Plains plants are the cacti.

"I think there is no prettier bloom," Rowell said, "than the rose-lavender blossom of the Pitaya or lace cactus."

Rowell has color photographs of many of the plants he studies and 4,000 color slides to aid in teaching and identification. Many of the new slides are of Chihuahua plants relating to his current research of that Mexican desert.

4-6-23-69

By B. Zeeck



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

4

cutline.....

WEST TEXAS SAND LILY -- Texas Tech Biology Prof. Chester M. Rowell examines one of the 30,000 specimens in the university's herbarium. This particular plant goes by the name of "sand lily" or "night blooming cereus" or "beggar's patch," but it is really *Mentzelia stricta* in the Loasaceae. It grows on canyon walls in West Texas with the cream colored wax-like blooms opening at dusk.

(Tech Photo)

-30-

4-6-23-69

*Lady*

cutline.....

FENDLER'S ASTER -- A bee-fly draws nectar from a Fendler's Aster just off the Caprock in West Texas where the white blooms flourish. The fly has taken on so many characteristics of the bee that it often is mistaken for its imitated insect. The photograph is one of thousands in the collection of Dr. Chester M. Rowell, a taxonomist in Texas Tech's Department of Biology. Prof. Rowell has identified approximately 1,000 different species on the High Plains of West Texas.

(Tech Photo)

-30-

4-6-23-69

This release distributed  
6-23-69 to Lubbock news media

LUBBOCK -- Dr. R. Hollis Klett of the Animal Science Department at Louisiana State University has been named superintendent of the Texas Tech Research Farm and the Killgore Beef Cattle Center at Pantex.

Tech Dean of Agricultural Sciences Gerald W. Thomas announced Monday (June 23) that Dr. Klett will assume duties at the research farm Sept. 1, succeeding Dr. Dale Furr who resigned to enter private industry as a nutritionist and part owner of a livestock producing and feeding firm in the Friona-Hereford area. Dr. Furr will continue as a consultant for Tech.

Dr. Klett will take to his new position a background of industrial operations, research and teaching.

He is completing teaching and research work at L.S.U. this summer before moving to the superintendency of the Texas Tech Research Farm northeast of Amarillo in the Panhandle.

"We are very fortunate to obtain the services of an educator and researcher such as Dr. Klett as we continue to expand our research into solutions of problems of the rapidly growing feedlot industry in this area which this year will handle 2.5 million head of cattle," Dr. Thomas said.

"He also fits into our plans for continuing research into the area of crop production, water conservation and range management."

"I am glad to get an opportunity to come to the Panhandle-South Plains area where there is tremendous growth in the cattle feeding industry," Dr. Klett said.

"I am pleased with the program at Texas Tech and particularly with the location of the research farm in the Panhandle in the midst of the explosion of the feeding industry.

-More-

Add one -- Texas Tech Research Farm Superintendent

"I am looking forward to working with feeders, and I hope they will give us suggestions of the things we can do to help them increase performance of cattle in the feedlots and make a contribution to the overall increase in livestock production."

Dr. Thomas pointed to recent successes of Dr. Klett who is interested in stepping up feeder calf production.

"Dr. Klett and co-workers at L.S.U. this last year produced a 180 per cent calf crop from 20 head of cattle," Dr. Thomas pointed out, "by the use of hormones to obtain multiple births.

"His primary interest is in nutrition and the feedlot industry."

Dr. Klett, a 1954 graduate of Menard High School, attended Tarleton State College in 1954-55 and San Angelo College in 1955-56, received his bachelor of science degree from Texas A&M in 1958 and his master's from the same institution in 1963.

His doctorate came from Oregon State University in 1966.

Klett joined the faculty at L.S.U. in July of 1966 and at present is serving as the major professor for eight master of science and two Ph.D. candidates and is on graduate committees for five master's and one doctoral candidates.

He has taught at both the undergraduate and graduate levels at the Louisiana institution.

His professional experience includes management from 1958 to 1961 of the Dixon Polled Hereford ranch at Vaughn, Miss., where he was in charge of all breeding, feeding and management of a 200-cow herd.

He also supervised the farming on the ranch, excluding cotton but including small grain and silage crops. Other duties there included fitting a small string for show purposes and feeding of bulls and heifers for production sales.

-More-

Add two -- Texas Tech Research Farm Superintendent

Dr. Klett's research activities have been in several fields of nutrition. He has been cooperating with Dr. Wayne White at the Rice Experiment Station at Crowley, La. Work conducted in those studies deals with forage utilization, roughage levels in feedlot rations, and basic rumen characteristics as related to types of rations.

Additional research is being conducted with the Agricultural Engineering Department at L.S.U. and Dean Lee Agricultural Center at Alexandria. These studies involve environmental effects on performance of steers in the feedlot.

Dr. Klett has authored and co-authored many papers during his academic career and in the last year has co-authored a half-dozen publications, most of them dealing with animal nutrition and feedlot performance.

As superintendent of the research farm and Killgore Center he will be in charge of operations on the some 14,000 acres of grass and cultivated land and the research cattle projects.

Dr. and Mrs. Klett have a daughter, Elizabeth Sue, 16, and a son, Wes Ellis, 10. He has been actively associated with professional, religious, civic and service organizations.

-30-

5-6-23-69

By Dan Tarpley

This release distributed 6-23-69  
to Lubbock news media

LUBBOCK -- Professor D. O. Wiley, band director at Texas Tech from 1934 to 1959, has placed his scrapbooks and papers in the Southwest Collection at Tech for permanent preservation.

In a tape-recorded interview, Prof. Wiley recounted his career as a band director, which began almost as an accident after he had finished a year as violin instructor at Hardin-Simmons University in Abilene.

After that year of teaching violin, Wiley recalled, he was told by the school's president that he was to take the band. Acceptance was made only after a bargain had been struck: Wiley would become band director if he could have scholarships for promising students of music. The idea of music scholarships was new at the time, he said, but it proved to be an excellent and rewarding innovation.

The "Cowboy Band" soon became world-renowned. In 1931 the band toured Europe, playing in England at London, Birmingham and Newcastle and in Holland. In each city, the professor recalled, crowds were turned away as the people flocked to see the Texas boys with their purple shirts, gold neckerchiefs and gold chaps and to hear the fine music.

In 1934, after directing the Hardin-Simmons band for 13 years, Wiley came to Tech, to find that the band was small and new players were hard to locate.

"I had a number of friends among the high school band directors," he recalled, "and they just started sending kids out here." Within three years, a fine musical organization had been built.

During those early years, Wiley began to compile an extensive music library, and Tech began to host a summer band school. For 18 years, this school was attended by Dr. A. A. Harding, at that time director of the University of Illinois band, whom Wiley considers to be the "father of the college band."

"We set out here to have a musical organization instead of just a show band, and that is just exactly what we developed," remarked the professor.

The Tech band regularly toured the high schools in the surrounding area during the spring, giving concerts sponsored by either the school or town band.

Of course participation at football games was a big part of the band program, Wiley recalled. He and Coach Pete Cawthon had a mutual understanding of the functions of their respective groups. Before a difficult game, Wiley said, Cawthon might approach him and say "Prof, I want you to put on a good show because I don't think we are going to!"

The Tech band was composed entirely of boys for a few years after Wiley became director. Bringing an end to the all-male era was the appearance of an especially attractive young woman who wanted to play flute.

"We had kind of a hard time getting majorettes started here," Prof. Wiley recalled. "In the fall of 1941, a couple of the cutest little girls came around and wanted to be majorettes. I said to my assistant 'Now, Jim, let's try it, but these little girls are going to have to be fully dressed.' They came out all in white, looked real nice."

But a campus rule against girls participating as majorettes was invoked, and it was not until after World War II that twirlers became a regular part of the Tech band.

Half-time shows were mainly straight marching, with some letter formations, Wiley said. "The marching band has been revolutionized in the last 10 years," he pointed out.

The military-style uniforms, with red coats and black trousers having a red stripe, were chosen in Wiley's second year at Tech and continued in use until "about 1957" when the present West Point style was chosen.

Add two -- D. O. Wiley

During his first 12 years at Tech, Wiley held band practice in a room on the first floor of the Textile Engineering Building. The largest room on the campus at that time, the professor recalled, it was first lined with burlap and later with tiles to soundproof it and to achieve better acoustics.

Wiley received a B.A. degree from Hardin-Simmons University and was awarded an honorary doctorate by Southwestern Conservatory.

His son, Charles "Pete" Wiley, has been director of the Lamar State College of Technology band in Beaumont for 17 years. "Pete" has received graduate degrees from the University of Texas in Austin and the University of Colorado.

-30-

6-6-23-69

By Dee Powell

*Lag*

This release distributed 6-23-69  
to Lubbock news media

LUBBOCK -- Gene Telpner, Canada's globe-trotting columnist and news analyst who has interviewed queens, dictators and diplomats, will discuss his adventures as a roving reporter in a public lecture Thursday (June 26) at Texas Tech.

"The World Is My Beat" will be the topic of his 8 p. m. address in Tech Union Ballroom. There will be no admission charge.

A daily columnist and feature writer for the Winnipeg Free Press, Telpner is best known for his on-the-spot coverage of international events and interviews with world figures.

A typical recent assignment took him to England for his second series of articles on "Swinging London," and to the Orient for a series based on interviews in Nationalist China, followed by a trip to view the unrest in Hong Kong, a look at the Expo '70 site in Osaka and a visit to Tokyo before returning to Toronto.

In Toronto he did a series of television shows with Mrs. Louis Washkansky, widow of the first heart transplant -- continuing a conversation begun earlier on a visit to South Africa.

-More-

Add one -- Gene Telpner

His "firsts" in journalism include the first interview in 10 years with Dr. Francois "Papa Doc" Duvalier, dictator of Haiti. He covered the Christine Keeler controversy in England and the Great Train Robbery there. He was in Israel 10 days prior to the Six Day War and accurately predicted the war and the outcome.

He has interviewed David Ben-Gurion, Princess Grace of Monaco, Chang Kai-Shek, Queen Elizabeth and many personalities in the entertainment world -- Sir Laurence Olivier, Sydney Poitier, Rod Steiger, Frank Sinatra and others. He has dined with Harry Oppenheimer, reputedly the world's richest man, and with peasants on Quemoy, offshore island near Formosa.

Telpner holds two of Canada's top writing awards, the National Newspaper Award and the Western Writer's Award, winning the former for a story on corneal transplants that resulted in the beginning of Canada's first successful eyebank.

In 1961, he was the only Canadian newsman invited to the 50th anniversary of the Chinese Republic where he received the Golden Horse award for his report on Taiwan which was translated into four languages.

A native of the U.S., Telpner was born in Omaha and reared in Council Bluff, Iowa. He served as a captain in the U.S. Air Force during World War II and spent 13 months in the Stalag Luft One prisoner of war camp in Germany. He was a reporter and feature writer on the Omaha World Herald prior to moving to Canada in 1950.

7-6-23-69

By Emil Carmichael

*Log*

This release distributed 6-23-69  
to Lubbock news media

LUBBOCK -- General Manager Ezzat Al-Ali of the Saudi Arabian Agricultural Bank toured Lubbock and the Texas Tech campus Monday (June 23) then began conferences on aspects of West Texas agriculture which relate to his homeland.

The visitor is an Eisenhower Exchange Fellow chosen for outstanding leadership in his homeland and his profession. At Texas Tech he is the guest of the International Center for Arid and Semi-Arid Land Studies.

He visited The Museum at Texas Tech, lunched with International Center officials and faculty of the School of Agricultural Sciences, and met with Executive Vice President Glenn E. Barnett.

During the day he conferred with Dr. Samuel E. Curl, physiologist in the Department of Animal Science and assistant dean of the School of Agricultural Sciences.

Tours were planned of the agricultural experimental arms at Texas Tech and the university's research farms at Pantex.

Al-Ali's major interests are in the field of agricultural credit, marketing, modern farm management and sheep and goat breeding and herd management.



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

**Cutline.....**

**SAUDI ARABIAN VISITOR -> Ezzat Al-Ali, right, who is general manager of the Saudi Arabian Agricultural Bank, visited Monday (June 23) with Texas Tech Prof. Samuel E. Curl, a physiologist in the Department of Animal Science. Al-Ali's three day visit as the guest of Texas Tech's International Center for Arid and Semi-Arid Land Studies is sponsored by the Eisenhower Exchange Fellowships, Inc.**

**(Tech Photo)**

**-30-**

**8-6-23-69**

This release distributed 6-24-69  
to Lubbock news media

LUBBOCK -- "The Night of the Iguana," Tennessee Williams' outspoken drama of love and redemption, opens at 8:15 p. m. Friday (June 27) at Texas Tech, the first of three plays to be offered by the University's Repertory Players on an alternating schedule through July 7.

Others are Dylan Thomas' story of a Welch village, "Under Milk Wood," which opens Saturday (June 28) and the musical hit, "Stop the World -- I Want Get Off," scheduled for a first performance on Sunday (June 28).

Each play will be presented four times in the theater-in-three-quarter-round constructed entirely on the stage of the University Theater. Subsequent performances of "Iguana" are at 8:15 p. m. June 30 and July 3 and at 3 p. m. July 6. "Under Milk Wood" will be repeated at 8:15 p. m. July 1, July 4 and July 6 and "Stop the World" at 8:15 p. m. July 2, July 5 and July 7.

Tickets to individual performances are \$2 for the adult public and \$1 for students. Season tickets are \$5. Reservations may be made by calling the University Theater boxoffice, 742-2153.

In "Iguana," Haskell Wright of Big Spring plays the role of the alcoholic minister, the Reverend Lawrence Shannon, and Mary Beth Bratcher is Hannah Jelkes, the New England spinster he meets in a resort hotel in Acapulco.

"Under Milk Wood" features Luther Williams of Crosbyton in the pivotal role of the blind Captain Cat and Rod Blaydes of Fort Stockton as the narrator who links the stories of the villagers together. A cast of 15 actors play some 60 parts. Slides and films are projected to set the mood of the various scenes.

Staged in a circus setting, "Stop the World" centers around the amazing adventures of Littlechap, a sort of modern-day Everyman who is married to Evie, the boss's daughter. Doublecast in the role of Littlechap are Jimmy Odom of Alvarado and Charles Bergner of Borger. Judith Marcell of Lubbock plays the four-in-one role of Evie and the other three "loves" in Littlechap's life.

Add one -- ~~summer~~ **summer repertory**

Speech Prof. Ron Schulz is directing "Iguana". Guest directors Seymour Penzner of New York is in charge of "Stop the World" and Howard Malpas of Oakland, Calif., is in charge of "Under Milk Wood."

-30-

9-6-24-69

By Emil Carmichael

**EDITOR'S NOTE:**

If you wish additional film, dress rehearsals will be on the following dates:

<b>IGUANA:</b>	2 p.m., June 25
	8:15 p.m. June 26
<b>MILK WOOD</b>	2 p.m. June 27
	3 p.m. June 28
<b>STOP THE WORLD</b>	10 a.m. June 28
	2 p.m. June 29

*Log*

This release distributed 6-24-69  
to Lubbock news media

LUBBOCK -- Texas Tech agronomy researchers report "promising" results in their hunt for methods and procedures to use triazine herbicides on grain sorghum one season and plant cotton on the same land the next year.

At present, manufacturers of the herbicides recommend a wait of 18 months from application of the triazines before planting cotton.

"We are taking a close look at the triazine herbicides to determine their usefulness for weed control on the High Plains of Texas," Agronomist Clark Harvey of the Tech School of Agricultural Sciences said.

"One triazine -- propazine -- is a widely known and widely used herbicide now being used as a preemergence chemical for weed control in milo," Dr. Harvey said.

"It is hoped that by studying rates, methods and dates of application, means can be found for using this herbicide on grain sorghum and then following with a cotton crop on the land the next year."

The research, supported by Geigy Agricultural Chemicals, producers of Milogard (propazine,) is in its sixth year at Texas Tech, Dr. Harvey said.

In the "rate" area of research, different amounts are being used on test plots of milo to determine if an amount sufficient to control weeds can be used without the residue, or carry-over, being harmful to cotton the next year as producers practice crop-rotation procedures.

Add one -- Triazine Chemicals

In the "method" of application, the experiments include broadcast of the herbicide over farm land as compared with 12- to 14-inch "band" applications immediately over the planted row.

The band application permits the cotton to be planted and cultivated the following season between the bands of the herbicide without damage.

Geigy now has changed the label information on the triazine to read that when band method of application is used, cotton may be planted the following season.

The experiments with date of application have to do with the placement of the herbicide into the soil in March or April well ahead of planting time for grain sorghums so that by the arrival of cotton-planting time the next year, the effects hopefully will have worn off to the extent cotton will not suffer.

"Such timing," Dr. Harvey said, "will give a 14- to 16-month spread between application of triazine and planting of cotton."

In the "method" experiments, the researchers are testing procedures of incorporation of the propazine into the soil.

Heavy incorporation involves double discing -- or two cultivations. Light incorporation calls for use of a rotary hoe during application.

Dr. Harvey is project leader for the Geigy-supported project. Graduate students are working with him.

Geigy Chemical Corporation research representatives from Dallas and Lubbock conferred with Dr. Harvey and inspected the test plots at Tech early this week (June 23).



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

**Cutlines -----**

**CHECKING ON EXPERIMENT -- Texas Tech agronomist Clark Harvey, center, delivers a first-hand report on research supported by Geigy Agricultural Chemicals to two company representatives, Jim Becton of Dallas, left, and William E. Turner of Lubbock. Becton is field research manager for Geigy and Turner a research representative. Dr. Harvey heads a research effort to find practices which hopefully will permit the planting of cotton on land as early as a year after triazine herbicides were applied for weed control in grain sorghum.**

**(Tech Photo)**



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

File

TO ATTEND SCHOOL -- Monterey High School's cheerleaders will be among representatives of 89 schools attending the sixth annual Cheerleaders School opening Sunday at Texas Tech. They are, from left, Peggy Lawson, Susan Smith, Bridget Burkholder, Debbie Taylor and Ellen McLarty. The school will continue through July 3. (Tech Photo)

This release distributed 6-24-69  
to Lubbock news media

**LUBBOCK --** Discussions leading to the adaptation of some West Texas agricultural solutions to the problems of Saudi Arabia took place on the Texas Tech campus Tuesday (June 24) between General Manager Ezzat Al-Ali of the Saudi Arabian Agricultural Bank and university faculty.

As an Eisenhower Exchange Fellow, Al-Ali is a guest of Texas Tech's International Center for Arid and Semi-Arid Land Studies.

He discussed the training of agricultural engineers in Saudi Arabia and in the United States with Profs. Ira Williams and Marvin J. Dvoracek, both on the faculty of the Department of Agricultural Engineering. Also discussed were product processing and water resources development.

With range management specialists, Al-Ali discussed revegetation and range improvement practices and acquired a list of proven grass species which could be adaptable in Saudi Arabia where rainfall measures 12 to 13 inches a year.

Conferring with the visitor were Chairman Joseph L. Schuster of the Department of Range and Wildlife Management and Prof. Russell D. Pettit, a brushland ecologist.

Conferences also were scheduled with: in the Department of Dairy and Food Industry, Chairman Juddie J. Willingham and Prof. Robert L. Selman, who specializes in chemistry, microbiology and the testing of food products; in horticulture, Prof. Robert Reed, whose research interest is in vegetable and fruit production; and in the Department of Animal Science, Chairman Dale W. Zinn and Prof. Frank A. Hudson, a sheep and goat specialist.

On Wednesday, additional meetings are planned with Agricultural Economics Profs. Mark L. Fowler and James E. Osborn, Entomology Prof. Ellis W. Huddleston and Agronomy Profs. Arthur W. Young and Clark Harvey.

In addition to the visitor from Saudi Arabia, the International Center has in the past year received special guests from Egypt, Israel, Venezuela, Mexico, Chad, Algeria, Botswana and Bolivia.

11-6-24-69

-30-

By B. Zeeck

*Log*

This release distributed 6-24-69  
to Lubbock news media

LUBBOCK -- Mrs. Wildring Edwards of Texas Tech's School of Home Economics has been neamed chairman of the Family Relations and Child Development section of the American Home Economics Association for 1969-70.

Mrs. Edwards, an associate professor in the Department of Home and Family Life at Tech, is immediate past president of the Texas HEA Council on Family Relations.

Dean Willa Vaughan Tinsley and Miss Opal Wood, instructor in the Food and Nutrition Department, are representing Tech at the national AHEA conference which continues through Friday (June 27) in Boston.

-30-

12-6-24-69

By Emil Carmichael

*Log*

This release distributed 6-24-69  
to Lubbock news media

LUBBOCK -- A German scholar who came to Texas Tech to teach his native language is staying to learn more about English.

Ulrich Boehnke was studying for his doctorate at the University of Tuebingen when he learned of an opening as a teaching assistant in Texas Tech's Department of German and Slavonic Languages. He took the job and taught during the 1968-69 academic year.

He expected to return to Germany but had "a second thought" and elected to stay at Texas Tech as a student, working toward the master's degree in English.

Boehnke's interest is satire "which was not appreciated in Germany until very recently."

"Except for the last five years, it was completely neglected for 100 years," he said.

"In the German tradition, satire is very rare as compared with the English tradition," he explained.

Christoph Martin Wieland, who lived from 1733 to 1813 and who has been called the "foster father" of Goethe, is of special interest to Boehnke as Germany's first great satirist.

"Yet about 80 per cent of all research done on Wieland has tried to show he was not a satirist as this was something 'bad'."

-More-

Add one -- German scholar

In other languages, satire is more popular.

"In English, for instance, from Chaucer on, satire has been popular," Boehnke pointed out.

He is studying Swift in class, but in current American literature he has found satire interesting to him in contemporary American folk music, on television and in contemporary writing.

"American culture is so different and independent of European culture" that it has had a growing interest for the university student.

"So much that at first was repellant, I saw later had a positive value," he said.

One thing he finds difficult to accept is that "all the classical music I hear on television is in the commercials."

One of the advantages he has found is in education where "opportunities are greater" and where the "academic system of control gives the student a better recognized position."

He said a major difference educationally is that in his homeland students must choose a major earlier and have no systems of credits or transcripts to identify his scholastic standing. In Germany a greater dependence is placed on test scores for degree standings.

Of Mexico, which he visited during vacation, Boehnke said he "felt enthusiasm for everything but the food" which was "a little hot."

This release distributed 6/25/69  
to Lubbock news media

(EDITOR'S NOTE: Dr. Yang is pronounced "YOUNG")

LUBBOCK -- Announcement has been made of the appointment of Dr. S. P. Yang of Louisiana State University to the chairmanship of the Department of Food and Nutrition in Texas Tech's School of Home Economics.

Dr. Yang will assume his duties here at the beginning of the 1969-70 academic year, said Home Economics Dean Willa Vaughan Tinsley. He succeeds Dr. Mina Lamb who was named Margaret W. Weeks Professor in Home Economics in January.

"Dr. Yang is internationally known for his research in food nutrition as well as his contributions in the teaching field," Dean Tinsley said. "We are extremely pleased to have an educator of his calibre join our staff."

A naturalized American citizen, Dr. Yang earned his bachelor's degree at National Central University in his native China and his master's and Ph.D. degrees at Iowa State University. His wife is a Tech graduate, the former Miss Meiling Tsai of Taiwan who received her master's degree in chemistry at the Lubbock university in 1958.

Prior to joining the LSU faculty as professor of food and nutrition in 1963, Dr. Yang taught at Virginia Polytechnic Institute, National Taiwan University, Purdue University, and was, for a year, a chemist with Mead Johnson Research Center, Evansville, Ind.

-More-

Dr. Yang.....add one

His scientific contributions concern research on factors influencing the amino acid requirements of humans, utilization of delayed amino acid supplements, nutritional value of various meats and the nutritional improvement of plant proteins. He currently is project leader for an investigation of the effect of freezer-storage intervals and methods of preparation on the qualities of prefabricated and conventional cuts of beef.

Dr. Yang is the author of some 40 articles and papers in his special field, many of which have been published in the Journal of Nutrition, the Journal of the American Dietetic Association, the Journal of Food Science and Proceedings of the International Congress of Nutrition.

He has presented numerous papers at international meetings, including sessions of the International Congress of Nutrition in Edinburg, Hamburg and Prague, the International Congress of Biochemistry in Tokyo and the International Congress of Food Science and Technology in Warsaw.

In the U.S., he has addressed meetings of the American Institute of Nutrition, the American Society of Animal Science, the Association of Southern Agricultural Workers and various technical work groups.

Dr. Yang is a member of Sigma Xi, scientific research honorary; Gamma Sigma Delta, agriculture honorary, and several professional societies, including the American Dietetic Association, the American Home Economics Association, the American Institute of Nutrition, Institute of Food Technologists and the New York Academy of Sciences.

-30-

14-6-25-69

By Emil Carmichael

*Log*

This release distributed 6-25-69  
to Lubbock news media

LUBBOCK -- Lectures, demonstrations and a market hog judging contest will highlight the 17th annual Swine Short Course to be held July 10-11 at Texas Tech.

More than 200 persons are expected to attend the events in the Livestock Pavilion and in the Student Union Building.

The short course is sponsored by the Texas Pork Producers and by Texas Tech.

Also meeting the same days will be the Texas Pork-Ettes, wives of pork producers in the state. Events for the women's auxiliary are to be held in the Flame Room of Pioneer Natural Gas Co. and in the Blue Room of the Student Union.

Registration for the short course will be at 8 a. m. July 10 in the Livestock Pavilion, with the hog judging following. Deadline for entries for the hog show is July 5, with each producer being limited to one hog, farrowed after Jan. 1, 1969, and weighing 200-230 pounds.

A Sonoray demonstration by C. B. Ramsey of the Tech School of Agricultural Sciences and a demonstration on artificial insemination by Ernest Harris of Ralls, pork producer, will also be features of the opening session. Prof. L. M. Hargrave of Tech will preside.

-More-

Add one -- Swine Short Course

Serving on the hog show judging contest committee are Paul Gross, agricultural extension agent from Big Spring; James Stuart, Lubbock, head hog buyer for Farm Pac Kitchens, and T.D. Tanksley, associate professor at Texas A&M University.

Speakers and their topics for the July 10 afternoon session, in the Student Union Building, include L.F. Tribble of Tech, "Progress and Plans for Swine Research at Texas Tech"; W. F. Williams of Tech, "Swine Marketing, Present and Future Outlook"; J.K. Butler Jr., executive secretary of North Carolina Pork Producers, "Swine Organization and Pork Promotion in North Carolina," and Don Brothers of Paducah, president of Texas Pork Producers, "Report on State and National Pork Producers Activities."

Dr. Sam Curl will preside at the afternoon session, and Dean Gerald W. Thomas of the School of Agricultural Sciences will give the welcome. Question periods will follow the talks.

Participating in a panel discussion on swine production at a dinner in the Johnson House Restaurant will be Lee Roy Colgan of Lamesa, agricultural extension agent; D.B. Hudman of College Station, animal husbandman with Texas Agricultural Extension Service, and a group of pork producers including Brothers, Jack Barton of Littlefield, Euel Liner of Lubbock, Elmer McGlaughlin of Pampa, Donald Osborn of Llano, secretary-treasurer of Texas Pork Producers, and James Shearer of Dimmitt.

**Add two -- Swine Short Course**

The hog cholera situation and how it affects the producer will be discussed at the July 11 morning session by Dr. R. M. Zirkle of San Angelo, USDA veterinarian, and Buddy Winter of Lubbock, pork producer. Another feature of the meeting will be a talk on management factors affecting litter size by Richard Hollandbeck of LaFayette, Ind., agricultural extension swine specialist for Purdue University.

C. B. Ramsey will discuss carcass evaluation and carcass results at the July 11 afternoon meeting. Hargrave will report results of the judging contest, to close the school's events.

Tribble and Dr. Dale W. Zinn will preside at the July 11 meetings.

Activities for the Pork-Ettes will open at 9 a. m. July 10 in the Flame Room of Pioneer Natural Gas Co. After a tour of the First National Bank, there will be a demonstration by a gas company home economist.

A business session following lunch will feature election of state officers, planning of future programs and discussion of a Pork Queen contest.

Mrs. John Fair of Gunter, state president of Texas Pork-Ettes, will conduct the business meeting. Also expected to attend are Mrs. Roy Poage of Slaton, president of the West Texas Pork-Ettes, and Miss JoLinda Smith of Ralls, 1969 West Texas Pork Queen.

Invited to the state meeting is Miss Lin Holekamp of Kerrville, Texas Pork Queen.

Log

This release distributed 6-25-69  
to Lubbock news media

LUBBOCK -- A bank which charges no interest and lends "in kind" instead of in money was described at Texas Tech today by General Manager Ezzat Al-Ali of the Saudi Arabian Agricultural Bank.

"The government is trying to help the farmer," Al-Ali explained, "and so the government pays the interest on loans made.

"We lend money only for labor costs. Other loans are made of seed, pumps, engines, tractors, chickens, sheep, beef cattle" or other items which will help the farmer produce capital.

The bank, which employs about 300 people, keeps most of its employees "in the field" supervising and helping farmers.

In case of natural disasters -- for instance, floods -- the national government pays off the farmer's losses, and his credit remains good.

If insect damage or other setback interferes with production, credit can be extended from one year to the next, Al-Ali explained.

The visitor is touring the United States as an Eisenhower Exchange Fellow and, at Texas Tech, is the guest of the International Center for Arid and Semi-Arid Land Studies. He has visited in 10 states and will visit six others before returning to his homeland.

-More-

Add one -- Al-Ali of Saudi Arabia

Other universities included on his itinerary were the University of Florida and the University of Arizona, where he at one time studied entomology and plant pathology. He was graduated in agriculture from the University of Cairo in 1949.

The Agricultural Bank in Saudi Arabia was begun in 1964. Cooperating with its programs is the country's Agriculture Ministry which keeps extension units in the field to help farmers with production problems and practices.

"In the United States," he said, "I am looking for ideas which can be adapted to Saudi Arabia's situation."

He said the climate in his homeland is similar to that in West Texas. Both surface water and underground water are used for irrigation. Some water resources extend as far beneath the surface as 3,000 feet, "and this water has to be cooled before it can be used for irrigation."

Lamb and goat meat and milk are popular. Dairy cattle are crossbred with foreign strains, but beef cattle are native Zebu, with characteristics of Brahman cattle.

Although experiments are being carried out with cotton, food crops are more important now to Saudi Arabia, Al-Ali said. The grain crops, fruits and vegetables are more common on individual farms.

Al-Ali's tour of the United States, which will last just over five months, has taken him to Pennsylvania, Ohio, Tennessee, Virginia, North Carolina, South Carolina, Georgia, Mississippi, Florida and Texas. He will leave Lubbock at the end of this week to visit with agricultural experts in New Mexico, Colorado, Arizona, California, Oregon and Washington.

At Texas Tech he conferred with the agriculture faculty.

16-6-25-69

By B. Zeeck

This release distributed 6-25-69  
to Lubbock news media

LUBBOCK -- More than 400 junior high and high school students will whoop and holler for five days beginning Sunday, (June 29) as they attend the sixth annual Cheerleaders School at Texas Tech.

When the school ends at noon Thursday (July 3), the young people from 88 schools in Texas, New Mexico and Oklahoma will have learned new stunts and skits, cheerleading techniques, how to plan pep rallies, ways to boost school spirit and about crowd psychology.

The staff is supplied by the National Cheerleaders Association, trained by Lawrence R. Herkimer.

"These instructors bring with them years of experience in teaching the latest in cheerleading methods, new yells, tumbling and other routines," said Edsel Buchanan, who with Will Holsberry directs the school. Buchanan is director and Holsberry, assistant director, of Men's Intramural Sports at Tech.

Also among the instructors will be Mrs. Shirley Kountz of the Panhandle Public School System, who will teach specialized techniques for the development and advertisement of pep rallies, assembly programs and other booster projects.

Registration is from 2 to 4 p.m. Sunday in the Intramural Gym, and class sessions begin at 6:30 p.m. Sunday. Throughout the week, the cheerleaders will be busy from 8:00 a.m. to 10:00 p.m., with occasional breaks to enjoy swimming or tennis.

The school will close at 11:30 a.m. July 3 (Thursday), with presentation of awards as the final event.

The school participants and their sponsors will be housed in residence halls on the Tech campus.

-30-

17-6-25-69

By Dee Powell

This release distributed 6-25-69  
to Lubbock news media

LUBBOCK -- Executive Vice President Glenn E. Barnett of Texas Tech Wednesday (June 25) told the more than 60 school business officials attending a workshop he sees a new era in education.

"This is an era when we decide that we are very much responsible for productivity in education," he said at the opening session of the two-day annual workshop at Tech.

"We are going to put dollars in what we think we can do and then find out if we did it."

Jim Hooser of Austin, administrative assistant to the executive secretary of the Texas State Teachers Association, discussed "Legislation Effective 1969-70."

Roy Wood of Arlington, president of the Texas Association of School Business Officials, presided. Tech's new Dean of the School of Education, Gordon Lee, welcomed the school business officials to the workshop.

The afternoon program was devoted to panel discussions on "budgeting and accounting" and federal programs. Panelists for the first subject included Charles Hallmark, of the Region IV Education Service Center in Houston; Olie Grauke, assistant superintendent of Spring Branch public schools; Dr. Irene St. Clair of the Texas Education Agency; Bill Taylor and Bud Halbert, consultants, Peat Marwick, Mitchell and Company; Perry Cox, Finance Implementation Team, Texas Education Agency; and Linus Wright, assistant superintendent for business affairs, Lubbock Independent School District.

Panelists for the federal program discussion were R. E. Slayton and Paul Mettke of Program Funds Management, Texas Education Agency; Ralph Karlsruhe, comptroller, El Paso schools; Don Furgeson, director of finance, Midland schools; David A. Hiner, comptroller, Abilene schools; Floyd Honey, director of special projects, Lubbock schools; and Lee Elder, business administrator, San Angelo public school.

Add one -- New era in education

Wright and Dr. Berlie J. Fallon, chairman of the Department of Education at Texas Tech, are conference coordinators.

The workshop is sponsored annually by the West Texas and Texas associations of school business officials, Texas Tech, Lubbock Independent School District, Region XVII of the Education Service Center; the Texas Tech chapter of Phi Delta Kappa and school equipment exhibitors.

General sessions Thursday (June 26) morning will feature an address by P. E. E. Hutchinson, director of finance, Texas Education Association; and a panel on "Uniform Commercial Credit Code."

Leonard Prewitt, associate director, Teacher Retirement System of Texas, will speak on "New Developments in Teacher Retirement" at a concluding noon luncheon Thursday.

-30-

18-6-25-69

By Dan Tarpley



Texas Technological College  
Division of Information Services  
Lubbock, Texas 79409  
Code 806 742-4136  
John Petty, Acting Director, SW2-5595  
Dan Tarpley, Mgr. News Bureau, SW2-5596

**Cutline -----**

**SCHOOL BUSINESS OFFICIALS --** Some of the state's top school business officials talk over their mutual problems and interests at the annual School Business Services Workshop at Texas Tech. They are, from left, Charle Walker, assistant superintendent for business, Odessa Independent School District; Roy Wood, assistant superintendent, finance, Arlington public schools and president of the Texas Association of School Business officials; Jim Hooser of Austin, administrative assistant to the executive secretary of the Texas State Teachers Association; Dr. Berlie Fallon, chairman of the Department of Education at Texas Tech and one of the coordinators of the workshop; and R. L. Brown, business manager for Greenville public schools. (Tech Photo)

*Log*

This release distributed 6-25-69  
to Lubbock news media

LUBBOCK -- Announcement was made Thursday (June 26) of the addition of Dr. Russell Pettit, a brushland ecologist, to the faculty of Texas Tech's Department of Range and Wildlife Management.

Pettit received his master's degree from Texas Tech in 1963 and his doctor's degree from Oregon State University in 1968. The past year he served on the faculty of A&I University.

Research for his master's degree was based on the use of radioisotopes as an ecological tool to study root growth.

For his doctoral degree, his major research emphasis was on a mixed conifer forest stand in northwest Oregon. In this study, he followed the direction of plant succession after introducing tree and grass seedings on a clearcut burn. Particular emphasis was placed on the effects of domestic livestock and game species on vegetative development.

Pettit is a member of the American Society of Range Management, Agronomy and Soil Science as well as several honor societies.

His major responsibilities at Texas Tech will include brushland ecology research, teaching and directing graduate research in brush and weed ecology.

-30-

19-6-25-69

By B. Zeeck

This release distributed 6-26-69  
to Lubbock news media

LUBBOCK -- Answers to how and why a group of Polish immigrants moved from industry into agriculture in Texas were found Wednesday in the Southwest Collection at Texas Tech.

The seeker was the Rev. Jacek Przygoda, a native of Poland and professor of economics at Loyola University in Los Angeles, who is completing research for a book about Texas pioneers from Poland.

Much of the story of a group of Poles who came from the Pennsylvania coal fields to work the new Thurber, Texas, mines in the 1880's is told in documents in the Southwest Collection.

The financial workings of the Johnson Coal Mining Company, founder of the industry which brought Thurber to life, are detailed in more than 7,000 leaves of correspondence and other papers on file at the Tech repository.

Closing of the mines, after discovery of oil in the area, led to dispersal of the group of Poles, with most of them becoming farmers while a few went to Fort Worth to work in the stock yards.

About 160 Polish men were employed in the coal mines, Przygoda believes, and he will study Catholic Church records in Strawn, near now abandoned Thurber, to clarify this point.

The papers pertaining to the Johnson Coal Mining Company were found by Southwest Collection Field Representative Nancy Spoede of Abilene, scattered about an abandoned farm on property once owned by William W. Johnson.

The Poles about whom Przygoda seeks information were among miners striking in 1888 when the Johnson Company failed to meet its payroll. The work stoppage was popularly held to be the cause of Johnson's selling nearly-defunct mines to Texas and Pacific Coal Mining Company.

-More-

Add one -- Polish Immigrants in Texas

The papers pertaining to the company's operation, however, indicate that moves to sell the company were underway before the work stoppage occurred -- and that actually, failure to meet the payroll may have been a deliberate effort to dupe the miners.

The purchasers wanted to lower the wage scale from \$1.90 to \$1.45 per ton for coal, and forcing a strike enabled them to pay off the miners, calling a halt to operations. When work was offered again by the company, the lower rate prevailed.

While some labor difficulties resulted from the new scale, the Texas and Pacific Coal Company made the operation successful and expanded the Johnson mine to include 12 miles of shaft in the vicinity.

After leading in the discovery of oil, the company eventually phased out the production of coal. Now all that remains of Thurber is a few abandoned buildings adjacent to Highway 80 east of Ranger.

The Poles were second only to the Italians in importance in the coal mining area, according to the Loyola professor. He gave up chairmanship of the department of economics and took a sabbatical leave in 1967 to begin research on the Poles in Texas. The project has led him twice more back to Texas, and he plans to return to Lubbock in July to continue study of the papers in the Southwest Collection.

20-6-26-69

By Dee Powell

*Log*

This release distributed 6-26-69  
to Lubbock news media

LUBBOCK -- A Bronze Star and Purple Heart awarded posthumously to Pfc. Paul W. Motley of Idalou will be presented to his mother and his widow in ceremonies in the Texas Tech Union at 2 p. m. Tuesday (July 1).

Tech Professor of Military Science Col. Maxwell C. Murphy Jr. will present the medals to Mrs. Rita L. Motley of (2202 Polomar St.) Baytown, the soldier's widow, and Mrs. Edna Moore of Route 1, Idalou, his mother.

Motley was killed in action in Vietnam Feb. 23 this year. He was assigned to Company B, 6th Battalion, 31st Infantry, Ninth Division.

The ceremony will be conducted in the Anniversary Room of the Tech Union.

-30-

21-6-26-69

By Dan Tarpley

*Log*

This release distributed 6-26-69  
to Lubbock news media

LUBBOCK -- Texas Tech's Department of Music will present Daphne Pemberton, mezzo-soprano, and Joseph Dennis, baritone, in a student recital at 8:15 p. m. Tuesday (July 1) in Room 1 of the Music Building.

The program will include compositions by Brahms, Debussy, Faure, Barber, Obradors and Ralph Vaughn Williams and several arrangements by Benjamin Britten.

Piano accompaniments will be by Joan Dawson and Charles Lawrie.

-30-

22-6-26-69

By Emil Carmichael

*Log*

This release distributed 6-26-69  
to Lubbock news media

LUBBOCK -- G. C. Gardner, Jr., of Washington, D. C. has been appointed Comptroller for Texas Tech University, the Texas Tech University School of Medicine at Lubbock and the Texas Tech University Museum, President Grover E. Murray announced today.

Gardner currently is Comptroller for the Defense Communications Agency in Washington. He will assume his duties at Texas Tech August 15.

"We are most fortunate in securing Mr. Gardner for the growing complex of operations at Texas Tech," Dr. Murray said. "His background and experience qualify him as one of the top men in his field."

A native of Kountze, Texas, Gardner attended the University of Houston and Texas A&M and received his master's degree in accounting at Indiana University.

Following service in World War II in the Army Air Corps, he worked with the firm of Roberts and Neushafer, certified public accountants in Beaumont and Houston. He was recalled to service at the outbreak of the Korean War and remained on active duty until 1958.

Upon his release from the Air Force, Gardner was with the Auditor General's office and the Surveys and Investigations staff of the House Appropriations Committee in Washington.

-More-

Add one -- New Comptroller at Tech

In 1960, he was appointed to the Office of the Assistant Secretary of Defense (Comptroller) and served as Director of the Inspection and Audit Division and special assistant to the Deputy Assistant Secretary (budget).

In 1963 he became Comptroller for the Defense Communications Agency. He was recalled to the office of the Secretary of Defense in 1964 as Deputy Comptroller for Internal Audit. During this tour in the Defense Department, he also served as Deputy Assistant Administrator for the General Services Administration.

In 1968, he was reassigned as Comptroller of the Defense Communications Agency.

Gardner and his wife, the former Reba Turner of Anahuac, Texas, have one daughter, Janet.

22-6-26-69

By John Petty

Date	STORIES & CUTLINES	Locals	State	Reg.	HT's	EXPLANATION
1-6-30-69	Third Inter. Symposium	✓		✓		Jeasels list
2-6-30-69	Larry Pillow	✓				Plainview
3-6-30-69	Cheer leader School	✓				Parhandle
4-7-1-69	Linder garden & education	✓				(Outline) Wichita Falls, Bloomington Abilene, Amarillo Tex.
5-7-1-69	ROTC Summer Training					
6-7-1-69	Grant to Computer Services	✓				(outline)
7-7-2-69	Mr. Alton Wade	✓	✓	✓		various magazines
8-7-2-69	Swine Short course	✓	✓	✓		
9-7-3-69	Consumer Education Workshop	✓	✓	✓		
10-7-3-69	Registration	✓		✓		
11-7-3-69	Marianne Murray Wins	✓			✓	Houston, Alvin

This release distributed 6-30-69  
to Lubbock news media

LUBBOCK -- An electric theory of tornadoes ... swine production ... food and water ... feuds and wars ... a search for a lost water god .....

All these and more will be topics for discussion by Texas Tech faculty at the Third International Symposium offered next Sept. 25-26 by the university's International Center for Arid and Semi-Arid Land Studies.

Internationally recognized authorities in several fields will join the faculty as participants on the symposium program, arranged to demonstrate the scope of interest in problems related to aridity.

All of Texas Tech's undergraduate schools will be represented. Major disciplines receiving attention include education, art, civil engineering, geosciences, economics, government, history, sociology, animal science, romance and classical languages, chemistry, electrical engineering, food and nutrition, biology, architecture, English, range and wildlife management, anthropology, agricultural education and agricultural economics.

Electrical Engineering Prof. Darrell Vines will discuss "Communication and Lightning in Arid Regions," and his colleague Marion O. Hagler, "Electric Theory of Tornadoes, Mechanism and Control."

In home economics, Acting Chairman Clara McPherson of the Department of Food and Nutrition will deliver a paper, "High Protein Foods from Grain Sorghums."

An artist and an educator, Profs. Clarence Kincaid and Bernie Fallon, will work together to present "Prairie Windmill," a poem augmented by art.

The origin and development of the Chihuahua Desert will be discussed by Biology Prof. Chester Rowell. Dr. Francis Rose, another biologist, will discuss adaptations by amphibians to arid environments.

-More-

Add one -- Third International Symposium

English Prof. Grace Wellborn will present plant lore of Palestine and the Southwest, and English Prof. Warren Walker will talk about "The Green Man in Asia Minor: the Quest for a Lost Water God."

A "baling wire" approach to agricultural education in the development of agriculture in watershort lands will be considered by Agricultural Education Prof. Louis Eggenberger.

International Center Director Thadis W. Box, professor of range and wildlife management, will discuss factors influencing productivity in arid rangelands.

French Prof. Harold Simpson will discuss "The Mystical and Contemplative Effects of the Sahara on the French Soldier."

Production and management of cattle, swine and sheep will receive special attention, as will several aspects of water problems in arid lands.

Other speakers include Director Dan M. Wells of Texas Tech's Water Resources Center; Geosciences Profs. John P. Brand, William Miller, John Dowling, C. C. Reeves and Alonzo Jacka, director of the International Center's Institute for Evaporite Studies;

Economics Prof. Carlton J. Whitehead, Govt. Profs. Ruth Wright and Frank Baird; historians David B. Gracy and James Skaggs, who are archivists in the Southwest Collection, and Prof. Emeritus William C. Holden;

Director Sylvan Dunn of the Southwest Collection; Animal Science Profs. L. F. Tribble, Frank A. Hudson and Samuel E. Curl, assistant dean of the School of Agricultural Sciences;

Chemistry Prof. Pill-Soon Song; Architecture Prof. Elizabeth Sasser; Anthropology Prof. Kenneth Honea, and Agricultural Economics Profs. James Osborn, T. R. Owens and Mark Fowler and Chairman Willard Williams of the Department of Agricultural Economics.

This release distributed 6-30-69  
to Lubbock news media

LUBBOCK -- Texas Tech Prof. Fanny Pillow of the Department of Elementary Education will leave Lubbock July 7 for a seven-week journey to Ethiopia where she will serve in the Teach Corps, aiding school personnel in the capital city of Addis Ababa.

The program is a volunteer one sponsored by the National Education Association (NEA), through the U.S. Agency for International Development.

Teach Corps personnel work as consultants, advisers, resource people and teachers.

"The program is two-fold," Miss Pillow said. "It is designed to raise standards of education throughout the world and to help U.S. teachers gain insights and appreciation of other cultures which will be reflected in their teaching situations at home."

Going to Ethiopia for the summer experience will be 25 educators including classroom teachers, school principals and university professors.

"Some are specialists in certain subject areas," Prof. Pillow explained. She has been working with student teachers and has a special interest in the teaching of social studies.

Last summer she served as a consultant for social studies in the elementary grades at a workshop in Jamaica.

-More-

Add one -- Prof. Fanny Pillow in Ethiopia

She will serve in Ethiopia in various capacities and will teach two courses, one in child development and another in educational psychology.

The U.S. team will serve in five cities, sharing their expertise with Ethiopian staffs and teacher participants.

"Meaningful solutions are sought," Miss Pillow said, "to some of the problems prevalent in the Ethiopian elementary schools." To reach these solutions, she said, the visitors will present practical innovations in teaching, demonstrate methods and techniques and help create practical teaching aids and materials.

Prof. Pillow is a native of Plainview. She was graduated from Plainview High School and attended Wayland Baptist College. She received her bachelor's degree from West Texas State University and her master's at Tech. She is the sister of Vernon Pillow who lives east of Plainview.

-30-

2-6-30-69

By B. Zeeck

This release distributed 6-30-69  
to Lubbock news media

LUBBOCK -- More than 420 junior and senior high school cheerleaders from 91 schools in 77 towns in three states reported for instruction Monday (June 30) at the sixth annual Cheerleaders School at Texas Tech.

Most of the youngsters and their sponsors arrived Sunday to remain through the final session at noon Thursday (July 3).

Monday morning was spent in demonstrations and practicing new routines. A picture-taking session occupied the cheerleaders from 1 to 3 p. m. They attended a lecture session in the Tech Union Ballroom in the late afternoon, then participated in another 2 1/2-hour instructional session Monday night in the intramural gymnasium.

The curriculum for the short course includes instruction in new stunts and skits, cheerleading techniques, how to plan pep rallies, ways to boost school spirit and pointers about crowd psychology.

Tech intramurals director Edsel Buchanan, director of the Cheerleaders School, said a full program of activities, including recreational events, is planned for the visiting teams from schools in Texas, New Mexico and Oklahoma.

The school's staff is supplied by the National Cheerleaders Association. In addition, Mrs. Shirley Kountz of the Panhandle Public School System is teaching specialized techniques for development and advertisement of pep rallies, assembly programs and other booster projects.

Will Holsberry, assistant to Buchanan, is assistant director of the four-day school.