

Oct. 22-26, 1979

DATE	Stories and Outlines	Local	Reg.	Reg.	50 N'	Reg.	X-11	Ad.	Home	Explanations
1-10-22-79	Freshman Year Study	/	/							Copy - Hardwick, Academic Affairs & our files.
2-10-22-79	Nitrato	/	/							Selected Ag. List
3-10-22-79	Doctoral Degrees	/	/							Copy - Dr. J. Knox Jones Jr.
4-10-22-79	Richard Payne	/	/							File - Architecture " - Dr. Elizabeth Sasser
5-10-23-79	Textile Education	/	/							Copy - James S. Parker Textile List - File - Textile Eng.
6-10-23-79	ITU awarded Research Grants	/	/	/						Copies - Dr. J. Knox Jones, Jr., Research Services & our files
7-10-23-79	Erin Racz	/	/					/		Copy - Peggy Williams, HI, PE & Rec Selected Ag. List
8-10-24-79	Biological Control	/	/							Western Magazines
9-10-23-79	J. A. M. Whistler	/	/					/		File - Museum & Art Seminar Copy - W. Vigness & J. Hunter
10-10-23-79	Kristi Davison	/	/							Hillcrest Hurricane
11-10-23-79	" " Outline	/	/							" "
12-10-24-79	Museum - Handicapped	/	/	/						File - Museum Copy - Judy Hunter & Museum
13-10-24-79	"Art To Own"	/	/		/					File - Museum & WTMA Copy - J. Hunter & W. Vigness
14-10-24-79	Dr. Mary Oldbrink	/	/					/		
15-10-24-79	Peru	/	/							File - Dr. Don F. Burzloff, Fred Bryant, Robert Aldrich, Frank Hudson & Sheep List
16-10-24-79	Dr. Valerie Chamberlain	/	/							Copies - Don, Norma & Home Ec. Ed our files - same. AJ - Hugs
17-10-24-79	Dr. John L. Bailey	/	/							Copy - Dr. Robert & H. Elvick, File - Student Aff.
18-10-25-79	United Way	/	/							UD
19-10-25-79	Outline - Grants for Engineering Ed.	/	/							J.R. Bradford
20-10-25-79	" " " "	/	/							AT, UD, & MIDLAND Art & Architecture Copy & file - Elizabeth Sasser
21-10-25-79	Dr. Edward T. Hall	/	/							UD ON 14
22-10-25-79	Campus Telephone Directories	/	/							

Oct. 22-26, 1979

Oct. 22-26, 1979										
DATE	Stories and Cutlines	Local	Reg.	Reg.	50 M	Reg.	x-11	Adj.	Home	Explanations
23-10-25-79	Mike J. O'Leary - E. Kodak Fellowship									Copies - Breven R. Beck, Chem Engr. & file A.J., UD, Longview & Crowley, LA.
24-10-25-79	Cutline " " ↑ "									PHOTOS to: AJ, UD, Crowley, LA & Longview, TX.
25-10-25-79	Photographer, Clara - Sarah Weddington -	not	not	not						Photo list Copy - John McKinney & file.
26-10-25-79	Prime Time for Women	/	/	/						File Cont. Ed.
27-10-26-79	Campus Campaigners	/	/	/						3 to DAN & our files AJ, UD, West Tex. Times
28-10-30-79	DAIRY	/	/	/						Major N/P in N.H.
29-10-30-79	(Goes out Tues, 30.)	/	/	/						N/Pix & selected Ag. list
30-10-30-79	Extra	/	/	/						Extra

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Dan Tarpley

LUBBOCK--Texas Tech University's Office of Academic Affairs will take a penetrating look at the entire "freshman experience" during this academic year.

Academic Vice President Charles S. Hardwick has named a chairman of a blue ribbon committee to conduct the year-long study and recommend general policy guidelines for the freshman year at the university.

Horn Prof. Warren S. Walker of the English Department has agreed to chair the committee.

"In the course of its work the committee will review existing university and college requirements, curricula, grading practices, advisement and other academic goals and procedures which bear directly upon the freshman experience," Hardwick said. "It is anticipated that both statistical and subjective data will be sought, and that a broad cross section of the campus community will be involved in the study. The committee may, in the course of its work, seek assistance from various units of the university.

"We want a careful picture of what happens to a student during the freshman year, what courses are taken, who teaches them, attendance records and other pertinent data which can help us improve our quality of teaching and our retention rate -- in short how we can better serve freshman students during their time of transition from a home and family environment for studying to an independent, self-disciplined learning situation."

-more-

freshman year study/add one

The committee will work closely with the Academic Council. Three members of the council, Deans Carl H. Stem of Business Administration, Samuel E. Curl of Agricultural Sciences and Donald S. Longworth of Home Economics, have been named to a liaison committee between the Freshman Year Study Committee and the Academic Council.

Hardwick expects the study committee to complete its work and provide a report by May 1, 1930.

-30-

1-10-22-79



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Prabhu Ponkshe

ATTN: Agriculture Editors

LUBBOCK--The vegetable producing areas in Knox and Haskell Counties in north central Texas may have a potential chemistry problem with the underground water source, although no one is certain yet.

The problem is well worth investigating, however, as the two counties produce several million dollars of potatoes and other vegetables with aquifer water which, in many instances, is only 20-30 feet below the ground level.

A Texas Tech University soil scientist, Dr. Frank M. Hons, is concerned about the nitrate concentration in the underground water which is consumed by surrounding localities. The nitrate concentration in certain areas exceeds the limit set by the Texas State Department of Health.

"The vast majority of the nitrate in the ground water has come from natural sources. However, the possibility exists that additional nitrate could be coming from fertilizers used in the production of certain vegetable crops in the area," Hons said.

Excessive amounts of nitrate in water can cause slow suffocation, especially among infants and immature livestock.

Hons is trying to answer three questions: Is there a definite potential of increasing the nitrate concentration of underground water through nitrogen fertilizers? If fertilizers are contributing to the nitrate content, can the influx be stopped? If the influx can be controlled, what will be the effect on yields and production economics?

-more-

Answers to those questions should come two years from now, when Hons will conclude his research.

In the meanwhile, the Texas State Department of Health will monitor the nitrate contents of the water consumed in the area. Acceptable health limits are ten parts per million of nitrate-nitrogen.

"If the nitrogen fertilization of specific crops could potentially influence the nitrate concentration of the ground water, hopefully our research will determine effective control measures to prevent future increases in the nitrate content," Hons said.

These measures could include the use of nitrification inhibitors with more effective fertilization practices, he added.

Hons is working with Paul Vendrell, a research assistant, and Dr. Billy Kingston, director of the Texas Agricultural Experiment Station (TAES) at Munday.

Funds from the State Legislature will support Hons' investigations during the next two years.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Dan Tarpley

LUBBOCK--Texas Tech University reached a prestigious plateau in higher education with the awarding of more than 100 doctoral degrees during the academic year ending this last summer.

Texas Tech awarded 102 doctoral degrees in 1978-79, including 78 Ph.D.s, 17 Ed.D.s and seven DBAs. Twice before, the university has awarded more than that, 122 in 1974-75 and 114 in 1973-74.

"The graduation of more than 100 doctoral candidates is a significant point for any institution," said Dr. J. Knox Jones Jr., vice president for Research and Graduate Studies. "Many people consider the awarding of 100 doctoral degrees or more as the marker in recognition of a major graduate program. Our program has taken giant strides in the past decade. We now are at the point where our graduates are employed by major universities and industries. At the same time we are meeting regional needs, because more than half our graduates stay in Texas."

Jones said more than 95 percent of the doctors who have been graduated in the last five years have obtained employment upon graduation in their appropriate areas.

"Our placement figures prove we have a very strong program," Jones said. "Graduates who were not employed at the time we contacted them were not employed because of personal problems or preferences. One student sought work only in California, another became a housewife and yet another had to remain at home because of illness in the family."

-more-

doctoral degrees/add one

Jones attributed the university's recent fortunes to the concentration of better facilities, a stronger faculty, better training and the addition of doctoral programs in home economics and the fine arts.

-30-

3-10-22-79

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: B. Zeeck

LUBBOCK--Richard Payne, whose architectural photography has appeared in every major architectural journal in the United States, will show slides of his work and demonstrate the use of a view camera and model photography in a public lecture at 4:30 p.m. Wednesday (Oct. 24) in the Business Administration Building auditorium at Texas Tech.

Payne will be the guest of the Texas Tech University Division of Architecture Wednesday and Thursday, visiting with students and faculty and offering criticism of student work. He is a graduate of the division and practices architecture in Houston. His visit is one of a division-sponsored series bringing former students back to the campus to work with students.

In the January-February 1979 issue of "Texas Architect," Payne was one of seven photographers selected nationwide to be featured. In the article accompanying his photographs Payne wrote of his photographic approach.

"The process of photographing buildings is essentially a search for those special moments and camera positions or angles in which the design concepts are seen most clearly and simply," he said. The photographer's job is to present the concept "or recall it in a dramatic and beautiful way."

Selected for reproduction in the magazine were Payne's photographs of the S.I. Morris Texaco Building, One Main Place by Skidmore, Owings & Merrill, and the Fort Worth Water Gardens by Johnson-Burgee.

The work of Philip Johnson and John Burgee has occupied a major photographic effort in Payne's recent work. Random House is expected to publish this fall a book of Payne's photographs of the work of Johnson since the formation of his partnership with Burgee. Payne's photographs of the work of this firm will be on exhibition at the Blaffer Gallery at the University of Houston beginning Nov. 9.

Payne has acknowledged in his writing that, generally, great pictures are of great buildings. The photographer, he has said, sees architectural concepts as sculpture in a continually changing situation. A building is not a static mass, but is alive, changing its identity and moods as light changes. There is a daylight existence and a nocturnal ambience that transform the building and introduce new roles.



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: B. Zeeck

LUBBOCK--Textile educators from throughout the United States will, for the first time, hold their national meeting in Lubbock.

The Oct. 28-30 conference is being coordinated by the Texas Tech University Department of Textile Engineering.

Representatives of the National Council for Textile Education (NCTE) and the Educational Committee of the American Textile Manufacturers Institute (ATMI) will hold both individual and joint meetings on the Texas Tech campus.

In addition to discussions on the status of research and education among NCTE institutions, delegates will tour the ACG Textiles plant in Littlefield and will see examples of cotton harvesting, field storage of cotton, ginning, petroleum production and cattle feeding.

James S. Parker, chairman of the Texas Tech Department of Textile Engineering, explained that all of the out-of-town delegates are from eastern states. Texas Tech is the only institution west of the Mississippi River involved in textile education.

"The delegates asked specifically to arrange for them to see some of the activity on the South Plains," he said. "ACG Textiles is unique in that it is the only plant in the nation producing denim fabric from 100 percent open-end cotton yarn."

Parker said that Texas Tech's Textile Research Center, which he directs, also will be host for a delegates' reception.

-more-

Represented at the meeting will be Auburn, Clemson, Southeastern Massachusetts and North Carolina State universities, Georgia and Massachusetts institutes of technology, the Institute of Textile Technology at Charlottesville, Va., University of Lowell (Mass.), Philadelphia College of Textiles and Science, Southern Technical Institute in Marietta, Ga., and the Textile Research Institute, Princeton, N.J.

These, with Texas Tech University, are the only schools in the United States which offer textile education," Parker said.

In addition the ATMI delegates will include: Morris Bryan, ATMI president and president of Jefferson Mills Inc.; George D. Ray Jr., chairman of the ATMI Education Committee and president of Southern Mills Inc.; Donald Comer III, committee vice chairman and president of Avondale Mills; George H. Cornelson, president, Clinton Mills Inc.; E.C. Gwaltney Jr., president, Russell Corp.; and Jerome D. Hayes, ATMI Education Committee secretary.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Dan Tarpley

LUBBOCK--Texas Tech University has been awarded a total of \$10,674,725 in research grants and contracts during the 1979 fiscal year, second highest annual figure in the institution's history, according to tabulations by Dr. J. Knox Jones Jr., vice president for Research and Graduate Studies.

The figure was surpassed only by fiscal year 1978, during which the university received a big one-time infusion on the Crosbyton Solar Power Project.

The number of competitive research projects funded in 1979 from outside sources, a total of 247, represents an institutional high for a single year, Jones said.

"Faculty and staff members submitted a total of 332 proposals for grants and contracts requesting \$26,292,737 in funding," the research vice president stated. "Whereas some of these funds are reflected in the 1979 total, many still remain to be acted on by agencies to which they were submitted.

"It was an outstanding year for Texas Tech with respect to extramural funding for research, to the credit of the scholarly community on the campus."

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Chino Chapa

LUBBOCK--Enid Racz of Lubbock, with a dance background beginning in her native Budapest, will conduct a Hungarian folk workshop Tuesday (Oct. 30) in the dance studio of the Texas Tech University Women's Gym.

Admission is 50 cents.

The workshop will have four classes for beginners and one on "Folklore of Hungary." The seminar is sponsored by the Texas Tech Department of Health, Physical Education and Recreation, Dance Division.

Beginning dance classes will be at 9:30 and 10:30 a.m. and 1:30 and 8 p.m. The folklore class will be at 2:30 p.m.

Involved in ballet, character and folk dancing, the Hungarian native has conducted several workshops in New York and Texas. She choreographed a festival dance in 1970 for the Hungarian community in Syracuse, N.Y. She is teaching in two private dance schools in Lubbock.

She moved to Lubbock with her husband, Dr. Gabor B. Racz of the Texas Tech Medical School, in 1978.

-30-

7-10-23-79

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Prabhu Ponkshe

ATTN: Agriculture Editors

LUBBOCK--Texas Tech University entomologists say that the cactus borer could potentially be used for biological control of prickly pear varieties all year round.

The striped and blue species of the cactus borer feed on the inside of the prickly pads. The larvae of the striped borer feed on the pads from May to October, while the larvae of the blue variety feed from October through August.

The two insect species are native to the western United States and so are the cactus varieties, which means that some degree of biological control could be achieved without importing any new insect species.

Dr. James K. Wangberg, Texas Tech entomologist, and a graduate student were the first to identify the complete cycle of the 12-month life span of the striped cactus borer. They followed 1,000 eggs in the field.

Using the new information data already available on the blue cactus borer, Wangberg hopes to identify environmental factors that could encourage the two insect species to feed on the prickly pear, scientifically known as the Opuntia.

The striped cactus borer derives its name from the patterns of the larvae, while the other variety has a bright blue color in the larval stage, Wangberg said.

-more-

biological control/add one

"The two varieties can also be identified by opening a cactus pad. The blue variety will cluster, while the striped cactus borer is a solitary insect," he added.

Although Wangberg has found new information on the borers, additional research will be needed before the data can be put to use.

"Biological control is an alternate to chemical treatment, but without detailed information there is always the possibility that, after controlling the weed, the insect may become established as a pest."

In fact, that is one of the reasons Wangberg wants to use native insects which already have natural enemies in the area.

The Texas Tech research, funded by the State Legislature under the Noxious Brush and Weed Control program, is not aimed at destroying cactus populations.

"Instead, we are trying to develop methods of localizing or controlling population densities."

Livestock feed on cactus pads during periods of extreme drouth -- one reason why Wangberg does not want to eliminate the plant.

He is also working on biological control of the perennial broomweed using the leaf tier, an insect which spins silk around broomweed stems and leaves and devours the plant. Wangberg is studying the life-cycle of this insect.

Future research will help determine what factors prevent or discourage the insects from causing damage to the plants. Results will indicate if the habitat needs to be temporarily modified or if predators and parasites need to be temporarily prevented from attacking the insects for achieving desired control levels of the cactus.



biological control/add two

Biological control, Wangberg said, is a long-term effort and it is doubtful that it can achieve the immediate results of chemical treatment.

"Yet it is important as an alternative way of controlling undesired plants and insects."

-30-

8-10-24-79

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: B. Zeeck

LUBBOCK--The work of J.A.M. Whistler (1834-1903) is so well known in America that a commemorative postage stamp was issued bearing a reproduction of the painting known as "Whistler's Mother." While the popularity of that painting is unquestioned, the artist is better known among critics for the range of his work.

The art of James Abbott McNeill Whistler will be the subject of an art seminar at The Museum of Texas Tech University at 10 a.m. Tuesday. The seminar is one of a series on American art of the 19th century sponsored this fall by the Women's Council of the West Texas Museum Association. Rabbi Alexander Kline is the lecturer. Seminars are open to the public for a small fee.

Whistler was the son of an American army engineer who spent most of his life abroad. The painter began his serious studies in Paris at the atelier of Gustave Courbet. He later joined the Impressionists and, like many of them, he became enthusiastic about Japanese prints. Whistler later adopted from these prints a butterfly symbol as his signature, seen on many of his works.

Typical of Whistler's ability to present a face and pose filled with character, within carefully calculated composition, is his "Arrangement of Flesh Color and Black: Portrait of Theodore Duret." Critics describe it as an elegant tonal study in which the simplified and somewhat flat patterns suggest the influence of Edouard Manet and Edward Degas.

-more-

Whistler's fame developed not in France, however, but in England where he lived after the 1860s. He became a leading figure in the English art world.

He was noted particularly for his concept of a painting as an organization of various textures and dark and light patterns. He looked on his works as symphonies, not as depictions of people and places so much as esthetic experiences. His "Nocturne in Black and Gold: The Falling Rocket," produced about 1877, illustrates the essentially abstract character of much of his work. Whistler's contributions as a champion of art for art's sake are considered particularly important in relation to the subsequent development of abstract modes of painting.

An extremely rare etching by Whistler, "The Fish Shop, Busy Chelsea," will be shown at The Museum in the "Art To Own" exhibition opening Nov. 4.

our file

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Pete McNabb

LUBBOCK--When Kristi Davison finished her try-out routine she had a "pretty good feeling about making it."

What the 1979 Hillcrest graduate was trying to make was the Texas Tech Pom Pon squad -- the group of girls who raise spirit and provide halftime entertainment at basketball games for the university of 23,000.

Of the 85 nervous girls trying out, only 10 would be "making it."

Kristi was one of those 10.

The freshman marketing major attributes part of her success to being on the Panaders during her senior year at Hillcrest.

"Having drill team experience in high school was a good background, but the routines (at Hillcrest) were different than the ones we're doing here," Kristi said.

Kristi and the other pom pon girls will give their first halftime performance when the Tech basketball team takes on the Poland National Team on Nov. 15 in Lubbock.

Cutline-----

POM PON GIRL--Raising spirit and providing halftime entertainment at basketball games dominate the responsibility of Texas Tech Pom Pon girl Kristi Davison. The freshman marketing major was graduated from Hillcrest in May 1979 and was a Panader her senior year. Davison is the daughter of Don G. Davison of 7442 Woodthrush. (TECH PHOTO)

-30-

11-10-23-79

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: B. Zeeck

LUBBOCK--The Museum of Texas Tech University will be host for a two-day workshop Nov. 8-9 to assist those engaged in various arts programs to meet the needs of physically disabled persons who want to participate.

The workshop, sponsored in part by the West Texas Museum Association, will focus on the special needs of the disabled with regard to the Rehabilitation Act of 1973 and specifically Section 504 of that federal law prohibiting discrimination against qualified handicapped persons in federally assisted programs.

The federal regulations require both program and architectural accessibility for physically disabled persons.

Larry Molloy, director of Special Constituencies for the National Endowment for the Arts, will open the workshop with an explanation of Section 504 and its relationship to the arts.

Cathy Neman, director of Programming for the National Association of Retarded Citizens, will deal with special needs in regard to specific disabilities.

Others on the program include Russell Bowden, director, Projects with Industry, Goodwill Industries Inc.; Dr. Virginia M. Sowell, assistant professor in the area of special education within the Texas Tech College of Education; and Joe Burks, director, Bi-County Regional Deaf Program, Lubbock Independent School District.

Thursday sessions will last from 9 a.m. to 4 p.m. and 6 to 8:30 p.m. Friday sessions will last from 9 a.m. to noon. Two meals are included in the \$22.50 registration fee.



Judy Hunter, named coordinator of Section 504 programming at The Museum of Texas Tech University, said the workshop should prove helpful for people working in the fields of dancing, music or any other of the arts.

"The deaf can be helped in enjoying opera," she said, "and those who are blind enjoy dance. The intent of the law is to make all arts programs accessible to any of the disabled who might want to participate."

A part of the law, according to Hunter, requires that museums and other institutions dealing in the arts develop and work with consumer councils which are to include disabled persons.

"A great deal has been done to solve architectural accessibility problems for public buildings," she said, "but making programs accessible to all who want to participate is a relatively new concept for many program directors. This workshop should provide know-how as well as greater understanding of the problems involved."

Registration checks should be sent to Hunter, The Museum, Texas Tech University, P.O. Box 4499, Lubbock, Texas 79409.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: B. Zeeck

LUBBOCK--"Art To Own," including works by several of the world's masters, will be on display Nov. 4 through Dec. 2 at The Museum of Texas Tech University, with a gala preview sponsored by the West Texas Museum Association scheduled for 5:30 to 7:30 p.m. Nov. 3.

While the exhibit -- 50 paintings and 50 prints chosen from New York galleries -- will be open free to the public, art fanciers may also be WTMA guests for the preview by making reservations and paying the \$5 registration fee. The free public opening for the exhibit will be from 2 to 4:30 p.m. Sunday, Nov. 4.

Rosalie Berkowitz, independent art consultant who chose selections for WTMA's highly successful 1962 "Art To Own" show, was asked to choose the 1979 selections. She will be present for the gala.

The exhibit is a major event sponsored by WTMA in celebration of its 50th anniversary. All paintings and prints in the show are available for purchase. Prices range from \$45 to more than \$14,000. An information pamphlet about the pieces on display and the artists will be available to visitors.

Artists whose works are in the exhibit include Thomas Hart Benton, (cq) Alexander Calder, John Steuart Curry, Helen Frankenthalen, Joseph Hirsch, Winslow Homer, Hans Moeller, Robert Motherwell, Pablo Picasso, Pierre Auguste Renoir, John Sloan, Andy Warhol, J.A.M. Whistler and Grant Wood.

Mrs. Robert Arnold, show co-chairman, said the exhibit is designed to serve the community.

-more-

art to own/add one

"Businesses and institutions pay art consultants to find reliable art appropriate for this area," she said. "Beginning art collectors may feel insecure about making their first purchases. Because of Mrs. Berkowitz's expertise anyone purchasing art at the show can be assured of the quality and appropriateness of the selection."

Mrs. John Lott, co-chairman with Mrs. Arnold, was chairman of the 1962 exhibition. She said that was one of the first times national and international art was made available for purchase in Lubbock because there were no established galleries in the city at that time. About 2,500 people viewed that show and about one-third of the art was purchased and remained in West Texas.

Berkowitz, for many years a resident of San Antonio, lives now in New York City where, at 17, she began her art studies. She spent four years studying art with Charles Hawthorne at the National Academy of Design and one year as a student of George Leeks of the "Ashcan School."

In the 1960s she was listed in "Who's Who of American Women" and her drawings have been reproduced in "Drawings by American Artists" by Norman Kent and in "Critic's Notebook" by Amy Freeman Lee. (cq)

When her husband Sidney retired from business in 1947, the Berkowitz family moved from Texas to New York. There the couple met many artists. They were themselves collectors in a modest way and they became familiar with the galleries and art markets of the city. Friends frequently consulted them in regard to purchases of paintings or sculpture.

After the death of her husband, Berkowitz turned an avocation into a profession. For the past 20 years she has acted as a consultant to private collectors, universities, museums and businesses.

art to own/add two

Artists whose work she has chosen for the Art To Own exhibit include: Joseph Albers, Ovadia Alkara, Harold Altman, Jane Aman, Mario Avati, Alice Baber, Will Barnet, Gifford Beal, Jeffery Beardsall, Patricia Benson, Ilya Bolotowsky, Stanley Boxer, Colleen Browning, Daniel Brustlein;

David Burluick, Gianni Cacciarini, Frederico Castellon, William Merritt Chase, Joze Ciuha, Charles Coiner, Warrington Colescott, Jose Luis Cuevas, Ben Cunningham, Bruce Currie, Alan Davie, Arthur B. Davies, Jim Dine, Simon Dinnerstein, William Dole;

Enrico Donati, Bertrand Dorny, Joe Downing, Victor Elmaleh, Lyonel Feininger, John Ferren, Herbert Fink, Richard Florsheim, Joseph Glasco, Janet Goldmark, John Grillo, John Hartell, Jacques Hnizdovsky, Paul Jenkins, Wolf Kahn, Wassily Kandinsky, Rockwell Kent, Gyorgy Kepes, Tschang-Yeul Kim, Charles Klabunde;

Eric Koch, Franz Kupka, Joe Lasker, Jack Levine, Stephen Lorber, Ethel Magafen, Karl Morris, Robert Natkin, Alice Neel, Stephen Pace, William Palmer, Gregory Paquette, Joseph Pennell, Gregorio Prestopino, Omar Rayo, Anne Ryan, Emilio Sanchez;

John Seery, Ben Shahn, Judith Shahn, Everett Shinn, Sica, Moses Soyer, Harriet Stanton, Bernard Steffen, Carol Summers, Rufino Tamayo, William Thon, Robert Vickrey, Lynd Ward, Neil Welliver and Annette Weintraub.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Carole Machol

LUBBOCK--Dr. Max Delbruck, Nobel Laureate for Viral Genetics, will speak at the Monday (Oct. 29) meeting of the American Society for Microbiology.

Delbruck, from the California Institute of Technology, will speak on "Current Research With the Fungal Class Phycomyces."

The 5:30 p.m. meeting will take place in Room 101 of the Biology Building on the Texas Tech campus. The public is invited to a 4 p.m. reception for Delbruck.

Texas Tech University administrators, officers and faculty members of the science departments are invited to attend another reception honoring Delbruck on Sunday (Oct. 28) at 8:30 p.m. in the home of Dr. Lyle Kuhnley, 2101 52nd Street, Lubbock.

-30-

14-10-24-79

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Prabhu Ponkshe

ATTN: Agriculture Editors

LUBBOCK--Texas Tech University has received a \$200,000 contract from the U.S. Agency for International Development (AID) to assist the government of Peru in improving production of small ruminants, mainly sheep and alpaca.

Range and nutrition experts from the Texas Tech Departments of Range and Wildlife Management and Animal Science will be involved in the one-year program. It will be renewed with additional funding next year.

The project will also provide research opportunities for graduate students at Texas Tech.

Ultimate goal of the project, according to the principal investigator Dr. Donald F. Burzlaff, is to make the small ruminant a more productive component of agriculture through improved range land and animal management.

Burzlaff is chairman of the Department of Range and Wildlife Management at Texas Tech.

Sheep and alpaca are used for food and fiber production in Peru. Recent increases in human population have created unusual demands on production, resulting in deterioration of range land through overgrazing.

Range scientist Dr. Fred C. Bryant, and two animal scientists, Drs. Robert C. Albin and Frank A. Hudson, will work on the Peruvian project.



"At the end of the two-year period," Burzlaff said, "we will have completed range surveys, determined productivity of range lands, identified grazing systems, and examined the diets of sheep and alpaca."

Albin commented that some work on nutrition deficiencies and internal parasites will also be completed by the end of the two-year period.

AID funds for the Peruvian project were recommended by the Board for International Food and Agriculture Development (BIFAD). The Board was established within AID under the International Development and Food Assistance Act of 1975.

Several Peruvian research organizations will cooperate with Texas Tech. The project will help Peruvian scientists to establish and modernize their own laboratories for a continued research program.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Carole Machol

LUBBOCK--Dr. Valerie Chamberlain, associate professor in the Department of Home Economics Education at Texas Tech University, is the recipient of the Texas Home Economics Faculty Award for 1978-79.

The Vocational Homemaking Teachers Association of Texas bestowed the honor on Chamberlain in recognition of her contribution to vocational home economics and for her support of the program.

Chamberlain was selected by the organization's board of directors.

The award is given annually to a faculty member in a Texas institution of higher education and is not limited to any one field of home economics.

Chamberlain has been teaching home economics education at Texas Tech since 1971. Prior to that, she taught at Florida State University, where she also received a doctorate in home economics.

Since she has been at Texas Tech, Chamberlain has held membership in several campus organizations including the Athletic Council, Faculty Senate and Student Publications Committee. She also chaired the Academic Affairs Committee. She was a 1978 recipient of an AMOCO distinguished teaching award.

As a consultant, Chamberlain has assisted in developing educational and curriculum materials in a number of states including Texas, California, Pennsylvania, Hawaii and Florida. She is also consultant for in-service workshops and conferences and recently spoke at the Ontario Education Association meeting in Canada.

-more-

chamberlain/add one

The Texas Tech professor has published numerous articles and books on home economics education. Her works include books for junior high, high school and college home economics classes, teaching ideas and materials for home economics teachers and "Tips and Topics," a home economics newsletter.

-30-

16-10-24-79

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Jane Brandenberger

LUBBOCK--Dr. John L. Baier, assistant vice president for Student Affairs, will assume a dual post as both assistant vice president and dean of students at Texas Tech University, effective Nov. 1.

The announcement was made by Dr. Robert H. Ewalt, vice president for Student Affairs. He said that Baier will replace Dr. Moses A. Turner in the deanship post. Turner has resigned to accept the vice presidency for Student Affairs at Michigan State University.

As part of the reorganization, several departments of Student Affairs will report directly to Baier. These include Upward Bound and Special Services, which are two federally funded projects designed to assist disadvantaged students, the Student Life areas, the Student Legal Counsel and a research unit.

The term "Office of Student Life" will be replaced on the Texas Tech campus by the designation "Office of Dean of Students," Ewalt said.

Included in Student Affairs, in addition to departments mentioned above, are the Tech Bookstore, Housing and Food Service, University Center, Student Publications, Women's Athletics, Recreational Sports, Admissions and Records, Career Planning and Placement, Counseling Center, International Student Programs and Student Financial Aids.

Baier joined the Texas Tech administrative staff two years ago when he came to Lubbock from the University of Nebraska.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Jane H. Brandenberger

## UNIVERSITY DAILY ONLY

LUBBOCK--With one week remaining in the Texas Tech United Way drive Chairman Lawrence L. Graves reported today that the campaign has achieved 73% of the \$50,000 goal.

"While we are encouraged," Vice Chairman Clyde E. Kelsey Jr. said, "the last 25-30 percent are inevitably the hardest. If you haven't given, please do so today."

Units that have raised 100 percent or more include: Education, 107 percent; Home Economics, 119; Graduate School, 174; Museum, 362; office of Vice President for Academic Affairs, 386; Administrative Information Systems, 103; Budget Office, 105; office of Vice President for Finance and Administration, 367.

Admissions and Records, 100; Career Planning and Placement, 101; office of Vice President for Student Affairs, 337; Recreational Sports, 255; Student Financial Aid, 110; Student Life, 100; Women's Athletics, 225; Development and University Relations, 127; University News and Publications, 197.

President's office, 160; Men's Athletics, 158; Public Affairs, 110; Ex-Students Association, 133; Statistics and Reports, 346; Systems and Procedures, 600; Telephone Services, 120; office of Vice President for Planning, 100; Research Services, 180; Tech Press, 101; office of Vice President for Research and Graduate Studies, 895.

Health Sciences Center: Group A, 112, and Group G, 173.

Retired faculty and staff have reached 124 percent of their goal of \$1,000.

Total amount given to date by Texas Tech is \$37,121.55.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: B. Zeeck

LUBBOCK--Dr. Edward T. Hall, noted anthropologist and writer, will present a public lecture on "The Perception of Space, A Human Experience" at 8 p.m. Monday (Oct. 29) in the Texas Tech University Biology Building auditorium.

Hall will be the guest of the Division of Architecture at Texas Tech Monday and will visit with students and faculty. The division is sponsoring the lecture.

Hall's latest book, "Beyond Culture," deals with the impact of such cultural extensions as language, tools and institutions on man. The author's interests and experience lie in the systems man has developed to satisfy human needs, including the effect that these systems have on man himself.

Architecture and city planning, as they relate to the people who occupy buildings and live in towns and cities, represent one such system.

Studying man's use of space in an intercultural context has led to original insights by Hall. These are explored in Hall's monograph, "The Fourth Dimension in Architecture," written with his partner, Mildred Reed Hall. It is a result of a five-year study on the relationship between Eero Saarinen's Administrative Center for Deere and Co. and the people who occupy that building.

The best known of Hall's books are "The Silent Language" and "The Hidden Dimension." Everything "man is and does is associated with the experience of space," he has said. The individual's sense of space is a synthesis of many sensory inputs, each patterned and

-more-

molded by his particular culture.

The study of man's use of space as a human activity is, in Hall's view, the investigation of "people's use of their sensory apparatus in different emotional states during different activities, in different relationships and in different settings and contexts."

Alienation and distorted communications, he has said, can be avoided only through examination of these differences.

Hall's teaching affiliations have included Northwestern University, the Illinois Institute of Technology, the Harvard University Business School, Columbia University, Bennington College and the University of Denver. He lives in Santa Fe.

A consultant for businesses, government and foundations, as well as of architects, Hall is director of the Ansul Co., a fellow of the American Anthropological Association, the Society for Applied Anthropology and the Advisory Council of the National Anthropological Film Center.



# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: B. Zeeck

LUBBOCK--Michael J. "Mike" O'Leary of Crowley, La., has been awarded a \$6,000 Eastman Kodak Fellowship for his graduate studies in chemical engineering at Texas Tech University.

O'Leary, who holds the bachelor's degree in chemical engineering, also earned at Texas Tech, is the son of Mr. and Mrs. William J. O'Leary, 935 W. Northern Ave., Crowley. He expects to receive the master's degree next May.

Presenting the check for the fellowship was Ray Ratheal, chemical engineer with Texas Eastman in Longview, Texas.

Dr. Steven R. Beck of the chemical engineering faculty attended the presentation. He said that such fellowships assist the university in encouraging outstanding students to further their education.

Through a variety of educational grant programs Kodak's 1979 contributions to higher education total \$4 million, benefitting 312 colleges and universities.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Jane H. Brandenberger

Campus telephone directories for 1979-80 go on sale for 50¢ per copy at both the Tech Bookstore and in the University Center on Monday (Oct. 29).

Account managers for departments and other centers may bring an account name and number to purchase directories in large numbers at the Bookstore. Departmental transfers will then be made for payment.

The Women's Service Organization will conduct single copy sales in the University Center's Entrance Lobby Oct. 29-Nov. 2 and West Lobby Nov. 5-9.

-30-

(Editor's Advisory: We would appreciate your publishing of this information on both Friday, Oct. 26, and Monday, Oct. 29, if space permits.)

22-10-25-79

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Carole Machol

LUBBOCK--A short course for amateur photographers of the South Plains area will be offered Nov. 12-Dec. 17 by the Texas Tech University Department of Mass Communications and the Division of Continuing Education.

Classes will be conducted from 6:30-9:30 p.m. Monday nights in the Mass Communications Building during that period.

Since the start of the Beginning Photography short course series in 1977 at Texas Tech, 29 groups totaling more than 750 amateur photographers have been taught simple skills of how to operate the 35mm camera, before major interest is placed on how to shoot good pictures.

Common mistakes to avoid in composing, backgrounds, lighting, focusing and timing will be covered throughout the course. Kinds of camera equipment and films will be discussed in detail.

The course will be taught by a member of the Mass Communications faculty, John McKinney. He served as cover photographer and photographic editor on "Southern Living" and "Progressive Farmer" magazines for 20 years.

According to McKinney, this is a "pre-holiday photo warm-up since Christmas is a major time for picture-taking.

"Family members travel long distances to be home this time of year. Growing children are a special subject for the camera. But everybody gets in on the act. Cameras are clicking everywhere."

Tuition for Beginning Photography is \$30. A brochure describing the course and form for enrolling may be picked up in Room 102 of the Mass Communications Building, or call 742-3385.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Jane H. Brandenberger

LUBBOCK--President Carter's special assistant, Sarah Weddington, comes to Lubbock on Saturday, Nov. 17, to discuss "Ethics of Legislation Pertaining to Women."

Weddington will keynote "Prime Time for Women," a day of workshops for West Texas women sponsored by the Texas Tech University Division of Continuing Education. She will speak at 9 a.m. in the University Center.

Chairwoman of the President's Interdepartmental Task Force on Women, she is a member of Mr. Carter's staff and shares general responsibility for White House concerns.

Weddington is an attorney and former state legislator from Texas. Prior to being named to the President's staff, she served for a year as General Counsel of the U.S. Department of Agriculture.

For three years she was a member of the American Bar Association's Special Project to Reevaluate Ethical Standards, and she helped to write the Code of Professional Responsibility, which is now attorneys' standard throughout the nation.

In 1975 "Texas Monthly" named her one of the state's "Ten Best Legislators." The article stated that while she continued to be interested in feminist issues, "she is definitely not just a one-issue legislator...she has a knack for making her male colleagues feel at ease in discussing serious subjects, which has helped her win the genuine respect of old-style House members."

A native of Abilene, Weddington was graduated from McMurry College and The University of Texas School of Law. Her parents now live in Lubbock.

-more-

prime time for women/add one

Weddington's talk will be followed by three sessions of concurrent workshops: "The Professional Prime Time Woman," 10:15-11:45 a.m.; "The Personal Prime Time Woman," 1:30-3 p.m.; and "The Practical Prime Time Woman," 3-4:30 p.m.

Martha P. Coter, Austin publisher, author and librarian, will speak on "Diosa y Hembra...Goddess & Female" at the luncheon session, 12 noon-1:30 p.m.

Workshop sessions include such subjects as "Earning Respect," "The 'Good Ole Boys' Network," "Special Prime Time Star: The Minority Woman," "Human Sexuality: Needs & Expectations," "Companionship for Single Women...Be They Unmarried, Divorced or Married Singles," and "Where the Dollars Go...and Should Go."

For further information call the Texas Tech Division of Continuing Education, (806) 742-2354, or write that division at P.O. Box 4110, Lubbock 79409.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Lisa Zieck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Pete McNabb

LUBBOCK--"Taxes can be cut effectively without having to cut defense spending. . . there are just too many dead programs that need to be eliminated."

"You can't have increased defense spending and a balanced budget at the same time unless you do away with all social programs."

Sounds like something one might hear at a Washington caucus on the budget?

Actually, the lines of rhetoric were being thrown around in a recent interview of leaders of the George Bush, Edward Kennedy, and Ronald Reagan presidential campaigns.

But those present at the interview were not average campaign leaders.

Even though all have had experience in previous campaigns, have researched their candidates' positions on issues well and hold key positions in their local campaigns, these are not the average presidential campaign leaders.

Most of them weren't old enough to vote at the last presidential election. But neither are the five campaigners to be labeled rank beginners.

Four of the five are leaders of Texas Tech University's campaigns for Bush and Reagan. The fifth is the secretary-treasurer of the South Plains Draft-Kennedy campaign.

Representing the Bush campaign, the only announced candidate represented, were Charles D. (Chuck) Cummins and Ronald Miller.

-more-

Cummins, 19-year-old co-chairman of the campaign, made his political debut at the age of three when he licked stamps under the careful scrutiny of his campaign-oriented mother, who was electioneering for a local politician in Arizona. But Cummins' experience goes far beyond that toddler escapade.

In his early years in elementary school he continued to work with his mother by putting up posters for other political hopefuls in the family's new home of Connecticut. When he came to Texas Tech to go to school, his campaigning life moved with him as he supported John Tower in his senatorial campaign.

Although Miller, Cummins' counterpart in the Bush campaign, has not been involved in politics for as long as Cummins, he has had an active role in two previous campaigns. At the age of 18, Miller worked as a speech writer and researcher for the unsuccessful Dusty Rhodes congressional primary in the spring of 1978. In the fall of that same year Miller worked as a volunteer for another Bush campaign -- the George Bush Jr. congressional drive. Even though the two campaigners were unsuccessful, Miller said he was not discouraged.

"Working so closely with Dusty, almost to the point where I was actually putting words in his mouth, is definitely something that could benefit me in the future," Miller explained.

Leading the other side of the GOP at the interview were the two leaders of the Reagan campaign, Melanie Barrier and Russell G. Little.

Barrier, junior pre-nursing major and the only Lubbockite present, has worked on the Roy Bass mayoral campaign and the Jim Granberry gubernatorial race.

Little began his political life as an organizer of a Young Democrats chapter in high school in Amarillo. Later, he became a precinct chairman, a representative to the Democratic state convention, a member of the platform committee and finally as an assistant sergeant-at-arms in the Texas Senate. But over the past summer he "decided that things needed to be changed" and he switched to the Republican party -- and to the Reagan campaign.

The only Democrat represented at the interview was Mike Grey, secretary-treasurer of the South Plains Draft-Kennedy campaign. At 27, the third-year law student admitted he is the oldest and least experienced politically. The only other campaign in which he worked was that of John Hill-for-governor, which he described as being "part of my job as a summer law clerk in Bryan, Texas."

The Bush forces were the most eager to reveal immediate plans -- a possible visit by their candidate in mid-November. Bush, well known around the West Texas area but not around the rest of the country, has a reputation of being low-profile, they said.

"We're keying on his coming to talk, opening up, driving through town, shaking hands, knocking on doors and saying 'hi' to people," Cummins pointed out.

The Kennedy representative would say only his campaign is in the "planning stages." A meeting to organize the South Plains effort was held recently, although only 30 supporters were in attendance.

The Reagan forces at the interview emphasized they were working solely with the Tech campus, but they said support from the Lubbock campaign for Reagan was available if needed. They also held a recent organizational meeting and have made tentative plans for a California congressman to speak on campus later this semester.



When asked if campaigning would affect their studies, the young politicians generally felt it would not, despite the 20-25 hours a week they would be putting into their political efforts. Even Little, who has a 4.0 grade point average and will be graduated in May, does not think his grades will fall.

Party loyalty and political ideology were other topics of discussion. Views expressed, although somewhat varied, sounded like typical rhetoric -- along party lines.

While Grey said he would support Carter if Kennedy lost, Little was emphatic in his beliefs and the "cause" for which he is working. That cause, he said, is "to get this country back in shape through objective conservativeness."

Cummins, on the other hand, said he would go as far as to support any independent candidate if he was better than the Republican nominee.

Despite the stereotype that blacks always vote for Democrats, Miller, the only black at the interview, said he supports candidates only after careful research. Although he backed Democrat Dusty Rhodes in the 17th Congressional District primary, his switch to Republican Bush Jr. was not incomprehensible.

"Blacks, in general, feel that the Democrat party is their party. But I don't think so. I guess I've never been exposed to special spending," said Miller, who was reared in a military family and attended West Point Military Academy his freshman year.

Even though the campaigners were quick to point out their present roles in politics and those of their candidates, they were hesitant to make any predictions about their own political futures.

"At least I know some people higher up that will remember me if I ever decide to get somewhere on a lower level," admitted Cummins.

While Miller didn't readily admit his major political goal, he didn't launch any remarks of denial when Little joked that Miller probably wanted to become the first black president, "if Barbara Jordan doesn't beat him to it."

But for the present, the politicians are pre-occupied with being full-time students and part-time politicians -- not a common combination on this campus, where only 800 of the 7,300 students living on campus voted in the 1978 election.

Of students voting for governor, Republican Bill Clements won 71.5% of the votes -- almost three times that of Democrat John Hill. The results were an ironic turn-around from the other West Texans who voted basically Democrat.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: B. Zeeck

ATTENTION: Sports Editors

LUBBOCK--Because heat stroke has been identified as the second largest cause of death in American football -- second to cardiac arrest -- questions have arisen regarding heat retention characteristics of synthetic turf.

One Texas Tech University researcher, Dr. Jerry D. Ramsey, reports that the turf may be hotter, but players aren't affected by the difference.

One reason is that the humidity near the surface of the synthetic turf is less than the humidity over grass.

"In the physiology of heat exchange higher air temperatures produce more heat stress," he explained, "but the lower levels of humidity are associated with less heat stress.

"The net result is a microclimate above both natural and synthetic turf surfaces which is almost the same in terms of possible heat strain."

Ramsey, an industrial engineer, agreed that the synthetic turf is hotter than grass.

"Many extremely high temperatures have been reported in the literature on synthetic turf," he said, "but these usually represent surface temperatures." One finding, he explained, was a synthetic turf surface temperature of 140 degrees F. while the air temperature was only 86 degrees.

-more-

"The surface temperature has less meaning in terms of potential heat strain for a player, however, because shoes normally provide an insulative barrier between the player and the surface."

A player might be sitting or lying in direct contact with the synthetic surface, but he doesn't stay there long, Ramsey said.

For his study he obtained for 81 days climate data 16 inches above synthetic turf on the Texas Tech football stadium floor. During the same period the identical data was gathered for the microclimate 16 inches above a grass practice field 100 yards distant. Measurements were made at the same time each day. Measurements included relative humidity, vapor pressure, dew point temperature and natural wet bulb temperature.

"Our results showed a good trade-off in heat and humidity," Ramsey said, "and the real finding is that the players break even in heat strain on either surface."

"There is no question but that synthetic turf is much hotter than grass, but the extremely high temperature found on synthetic turf is dissipated a few inches above the ground and offset by the lack of humidity."

"Our results would indicate that the athlete is in no more danger from heat stress on a synthetic field than on grass."

Ramsey is a professor of industrial engineering and biomedical engineering/computer medicine. He is associate vice president for academic affairs at Texas Tech.

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: B. Zeeck

EDITOR'S ADVISORY

You are invited to cover a news conference at 10:15 a.m. Monday, Oct. 29, in Room 150 of the Textile Research Center at Texas Tech University. Present for your interviews will be Morris Bryan, president of the American Textile Manufacturers Institute (ATMI) and president of Jefferson Mills Inc.; Donald Comer III, president of Avondale Mills; and Dr. Wallace D. Trevillian, dean, College of Industrial Management and Textile Science, Clemson University. Trevillian is president of the National Council for Textile Education which will be, for the first time, meeting in Lubbock. Avondale Mills has used up to 500,000 bales a year of West Texas cotton. Bryan is qualified to speak on a variety of topics related to the textile industry (production trends, cotton dust, etc.), but of special interest to your viewers might be his views concerning the impact of the importation of Chinese textiles on the American textile market. (A bill currently before Congress could increase these imports substantially.)

-30-

Note: Parking should be available in front of the Textile Research Center. There is an elevator for use in taking heavy equipment to Room 150.

29-10-26-79

# Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136  
Residence telephones: Jane Brandenberger, Director, 829-2108 / Bea Zeeck, Associate Director, 296-7125 / Dan Tarpley, Manager, News Bureau, 792-5596

CONTACT: Prabhu Ponkshe

ATTN: Livestock Editors

LUBBOCK--Denise Williams, Texas Tech University animal science major, won first place in the halter section and second place in overall judging at the All American Quarter Horse Congress Monday (Oct. 15) at Columbus, Ohio.

Twenty-six universities fielded 130 contestants at the annual judging event. The Texas Tech team placed fifth in combined rankings of halter and performance.

Williams is the daughter of Mr. & Mrs. Seth Williams Jr., Route 3, Hamilton.

Oklahoma State University won first place, followed in order by Ohio State University, Texas A&M University, Blackhawk College, Ill., and Texas Tech.

This is the third year Texas Tech participated in the quarter horse contest. The first team placed ninth and last year's team won the championship.

Sue Williams, daughter of Mrs. Maryllen Johnson, 2502 Susan, Abilene, placed 8th in halter.

Other Texas Tech contestants were Pamela Henderson, Round Rock, Kendell Karr, Lubbock, and Gina Burns, Colleyville.

The All American Quarter Horse Congress is one of the world's largest horse shows. This year more than 7,500 horses participated in the various events at the congress. The judging contest at the congress was started in 1967.

horse judging/add one

The Texas Tech horse judging teams are coached by Dr. James C. Heird and David Whitaker of the Department of Animal Science in the College of Agricultural Sciences.

-30-

43-10-19-79

Cutlines-----

GRANTS FOR ENGINEERING EDUCATION--J.W. Johnson, third from left, area engineer for ARCO Oil and Gas Company, Permian District, Midland, presents checks totalling \$8,000 to be used for education in Texas Tech University's College of Engineering. Recipients were four departments and the college as a whole. Representing the recipients were, left to right: Dr. James H. Lawrence, chairman, Mechanical Engineering, \$1,000; Dr. Steven R. Beck, Chemical Engineering, \$2,000; Dr. John R. Bradford, dean of the college, \$1,000; Dr. James T. Smith, chairman, Petroleum Engineering, \$3,000; and Dr. Fred P. Wagner, Engineering Technology, \$1,000.



Cutlines-----

GRANTS FOR ENGINEERING EDUCATION--J.W. Johnson, left, area engineer for ARCO Oil and Gas Company, Permian District, Midland, presents Dr. John R. Bradford, dean of the Texas Tech University College of Engineering, checks totalling \$8,000 to be used for engineering education. The ARCO grants were presented to: Petroleum Engineering, \$3,000; Chemical Engineering, \$2,000; Mechanical Engineering and Engineering Technology, \$1,000 each; and \$1,000 for student needs throughout the college.

-30-

20-10-25-79

Cutlines-----

KODAK FELLOWSHIP--Michael J. "Mike" O'Leary, center, receives from Ray Ratheal a \$6,000 Kodak Fellowship grant for his graduate studies in chemical engineering at Texas Tech University. With them is Tech Chemical Engineering Prof. Steven R. Beck, right. O'Leary, the son of Mr. and Mrs. William J. O'Leary of Crowley, La., is working toward the master's degree. Ratheal represented Texas Eastman in Longview, Texas, in presenting the award.

-30-

24-10-25-79