

05-9

| DATE       | Stories and Cutlines          | 75<br>Locals | 25<br>Reg. Daily | 15<br>Reg. Weekly | 15<br>50 M's | 16<br>Reg. Radio | 15<br>X-List | 15<br>Adj. Count | Hometowns | PSA's | Ag list | Explanations  |
|------------|-------------------------------|--------------|------------------|-------------------|--------------|------------------|--------------|------------------|-----------|-------|---------|---------------|
| 1-10-5-81  | radical intermediates (125)   | ✓            | ✓                |                   | ✓            |                  |              |                  |           |       |         | Duncan/Carrie |
| 2-10-5-81  | Regents (75)                  | ✓            |                  |                   |              |                  |              |                  |           |       |         | B. Zeck       |
| 3-10-5-81  | Artist/photo critic (125)     | ✓            | ✓                |                   |              |                  |              | ✓                |           |       |         | Cheryl        |
| 4-10-5-81  | Nutrition symposium (125)     | ✓            | ✓                |                   |              |                  |              | ✓                |           | 15    | ✓       | Cheryl        |
| 5-10-5-81  | Library Assn. (125)           | ✓            | ✓                |                   |              |                  |              | ✓                |           |       |         | Cheryl        |
| 6-10-5-81  | cutline "Masks"               |              |                  |                   |              |                  |              |                  |           |       |         | Cheryl        |
| 7-10-5-81  | Shang Dynasty art (100)       | ✓            |                  |                   |              |                  |              | ✓                |           |       |         | Cheryl        |
| 8-10-5-81  | Film (100)                    | ✓            |                  |                   |              |                  |              | ✓                |           |       |         | Cheryl        |
| 9-10-6-81  | Mobil foundation (75)         | ✓            |                  |                   |              |                  |              |                  |           |       |         | Becky         |
| 10-10-6-81 | cutline - Livestock Symp      |              |                  |                   |              |                  |              |                  |           |       |         | Preston       |
| 11-10-6-81 | cutline - Award recipient     |              |                  |                   |              |                  |              |                  |           |       |         | Preston       |
| 12-10-6-81 | cutline - Golden Spur         |              |                  |                   |              |                  |              |                  |           |       |         | Preston       |
| 13-10-7-81 | Organizational behavior (125) | ✓            | ✓                |                   | ✓            |                  |              |                  |           |       |         | Carrie        |
| 14-10-7-81 | Dad's Assn Luncheon (75)      | ✓            |                  |                   |              |                  |              |                  |           |       |         | Preston       |
| 15-10-7-81 | Wings (125)                   | ✓            | ✓                |                   |              |                  |              | ✓                |           |       |         | Cheryl        |
| 16-10-7-81 | Meat judging winners (100)    | ✓            |                  |                   |              |                  |              |                  | ✓         |       |         | Carrie        |
| 17-10-8-81 | Jaycox grant 50               |              |                  |                   |              |                  | ✓            |                  |           |       |         | Cheryl        |
| 18-10-8-81 | Steadman 100                  | ✓            |                  |                   |              |                  |              |                  |           | 30    | ✓       | Preston       |
| 19-10-9-81 | Dudek (50)                    |              |                  |                   |              | ✓                |              |                  |           |       |         | Preston       |



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# Texas Tech News

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

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CONTACT: Duncan McDowell/Carrie White

ATTN: Science Editors

LUBBOCK--Light-catalyzed reactions, responsible for processes as varied as color photography, photosynthesis in plants and even smog production, remain a natural code researches are trying to break.

Horn Professor Henry J. Shine of Texas Tech University's chemistry faculty and his graduate students have been doing basic research on radical intermediates, including those found in light-catalyzed organic reactions, that may help to unlock mysteries such as these someday.

Shine explained that smog is caused by a photochemical, or light-catalyzed, reaction occurring when sunlight and oxygen hit gasoline exhaust fumes. Similarly, color photographs are the result of what light does to complicated organic molecules. The growth of plants is triggered when sunlight activates chlorophyll during photosynthesis.

The specific ways that these and many other photochemical reactions take place are still not fully understood, he said. The function of basic research, Dr. Shine explained, is to gather new knowledge that may help other chemists find solutions to their problems.

"Our job is to solve the way in which certain organic reactions take place," he said. "These reactions will then be described in research journals and textbooks, which may help other chemists understand not only the reactions we have described, but also the reactions they are working with."

With predoctoral research fellow Dong-Hak Bae, Shine is currently studying photochemical reactions stimulated by ultraviolet light. They have solved the question of how ultraviolet light causes the reactions and they are studying the pathway the reactions take after absorbing light energy.



radical intermediates/add one

"When these molecules absorb ultraviolet light they break up and intermediates called radicals are produced," the chemistry professor said. "These radicals react with each other to produce a new product."

A radical is an atom or a molecule with an odd number of electrons, an unstable condition as electrons are normally found in pairs in chemical bonds. Intermediate refers to a chemical substance produced in a reaction as a temporary, but not the final, product.

"A lot of people think that when Compound A reacts with Compound B, the Compound C is the direct result," Shine said. "Actually, the reaction may be more complicated than that. Compounds A and B may react to give Intermediate X, which then yields Compound C."

Another area of research in which radical intermediates may be involved occurs in thermal reactions activated by heat rather than light, Shine said. This process is being studied by Shine, doctoral student Koon Ha Park, of Dae Jon, Korea, and post-doctoral fellows Jan Zygmunt and Eva Gruszecka, both of Wroclaw, Poland.

In their research with thermal reactions, the Texas Tech scientists use a radioactive isotope, carbon 14, to trace the pathway of chemical reactions. An isotope is a heavier form of an element. Carbon 14 and carbon 13, another isotope used in Shine's studies, are heavier forms of the element carbon 12, which has the normal atomic weight for the element.

Shine said that their work involves new reactions which he and his co-workers have discovered and old reactions already known but not understood, such as the benzidine reaction.

"The benzidine reaction was known for 90-100 years," Shine said, "but nobody understood how it occurred. We have learned how it works."

"Whatever we find out may help others understand more complex processes," he commented. "That is always true of fundamental knowledge."

radical intermediates/add two

Shine's research with radical intermediates has been continuously funded for 26 years by the Robert A. Welch Foundation of Houston, the longest funding by the Welch Foundation for a chemistry research project at Texas Tech.

"The Welch Foundation's purpose is to support the gathering of knowledge in chemistry for the benefit of mankind," Shine said. "Our work has been very productive in gathering new knowledge."

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1-10-5-81



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CONTACT: B. Zeeck

LUBBOCK--Energy conservation measures dominated actions of Texas Tech regents Saturday (Oct. 3).

The board approved extending the university's long-range conservation project planning for 10 buildings and authorized receipt of bids for modification of heating, cooling and air conditioning in two -- Mass Communications and Art-Architecture.

Work will be done with state appropriations of \$4.5 million for the biennium. Sufficient savings are expected to amortize the investment in six to eight years.

Energy savings throughout the campus last year permitted the university to return to the state a special additional appropriation of \$306,000 for utilities.

Regents conferred upon M. Dean Killion, professor of music, the status of Director Emeritus of Bands. Killion directed the Red Raider band for 21 years, helping the university build a nationwide reputation for performance of excellence.

In other action, the board heard Texas Tech President Lauro F. Cavazos report that Lubbock Municipal Coliseum improvements -- including a new floor for athletic events, lighting and dressing room renovation -- are proceeding on schedule and that conversations with the city on further repairs are progressing well.

There also was a report that showed university research funding reached \$12 million last year -- the second highest funding level in history, and health sciences center research funding was approximately \$3.5 million for the same period.

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Regents accepted the \$92,417 bid of Mike Klein, General Contractor Inc., for installation of a passenger elevator in Drane Hall and a \$66,583 bid from Taylor Publishing Co. for producing the yearbook, "La Ventana," in 1983.

An agreement to furnish Lubbock General Hospital with utilities was revised downward \$68,852, and a facilities-use-fee contract with the Lubbock Hospital District was reduced \$57,341 to reflect actual square footage currently being used by the hospital and to reflect equipment valuation figures. The annual contract with the Amarillo Hospital District, relating to operation of the Texas Tech University Regional Academic Health Center in Amarillo, was approved.

Regents accepted for review the draft of a response to the state auditor's management letter which advised stricter financial controls in several Texas Tech areas. Board Chairman J. Fred Bucy commented that overall the institutions are "in excellent shape, but there are things we must do."

Regents added to board policy for The Museum of Texas Tech University, formalizing the practice of accepting advice and consultation from the West Texas Museum Association and the Ranching Heritage Association in the selection of a museum director.

They also approved a policy and guidelines for centers and institutes established within the university.

They reestablished the position of vice president for the health sciences center, reflecting increased administrative duties connected with growth, particularly the recent state funding of schools of nursing and allied health and a Regional Academic Health Center in the Permian Basin.

The office of planning was restructured and the title of vice president was changed to director of planning.

Regents authorized the acceptance of an appointment of a faculty member, Horn Professor of Electrical Engineering Magne Kristiansen, to the U.S. Air Force Scientific Advisory Board.



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LUBBOCK--A public reception honoring New York artist Krystyna Baker and featuring both Baker and noted photography critic A.D. Coleman will be at 7 p.m. Monday, Oct. 19, at The Museum of Texas Tech University.

Following the reception, Coleman will lecture on "Photography Now: Critical Dilemmas for the 1980s."

The two guests also will participate in discussions on contemporary photography on Tuesday, Oct. 20, in the Texas Tech Art Department. The artists' visit to Lubbock is sponsored by the West Texas Museum Association (WTMA).

Baker, a native of Poland and a Texas Tech graduate, has a photography display "Masks" at The Museum through Nov. 8. The photographs of various faces in unusual poses are all of Lubbock residents.

Baker's book "Masks," including an introduction by Coleman, was recently published by the Texas Tech University Press. Some of her photographs have been purchased by the West Texas Museum Association for The Museum's permanent collection. She teaches art in the Fashion Institute of Technology in New York City.

Coleman, a freelance photography critic and lecturer, is an instructor in the Department of Undergraduate Film and Television at New York University. He regards Baker's photographic works as "almost archetypal and iconic" and says that she has "used light and silver in a highly sculptural fashion, emphasizing the plastic, dimensional character of each of her subjects."

Coleman's Monday night lecture will be a slide survey of contemporary ideas in photography and the problems and pleasures photography offers critics and an audience. Both the reception and lecture are open to the public. For information, contact the WTMA office at 742-2443.

-more-



Coleman/add one

On Oct. 20, Coleman will meet informally with photography classes. Topics for discussion will include criticism, Coleman's work as a critic, and other subjects related to contemporary photography. The sessions will be open to the public. For information, contact the Art Department at 742-3825.

Coleman was formerly a regular columnist for the "Village Voice" and the "New York Times" and is a contributing editor for "Photoshow" and "Camera 35."

His books include the award-winning critical survey, "The Grotesque in Photography," published in 1977, and "Light Readings: A Photography Critic's Writings, 1968-1978," published in 1979.

He is a frequent lecturer and has taught at the New School for Social Research in New York, the University of California Extension in San Francisco, the College of Art of the Maryland Institute in Baltimore, the Pratt Institute in Brooklyn and Montclair State College in New Jersey.

He has been a critic in residence at the International Center for Photography in New York and at the Center for Photographic Studies in Louisville, Ky.

3-10-5-81



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CONTACT: Cheryl Duke

LUBBOCK--The use of nutritional evaluation in identifying health problems will be the subject of a two-day symposium Oct. 16-17 in Room 169 of the Food Sciences Tower of the Texas Tech University College of Home Economics.

Experts from throughout the nation will speak on the nutritional assessment of children and youth, historical perspectives, dietary methodology, body composition and malnutrition in hospitalized patients.

The symposium is open to the public. Fees are \$50 for Friday and Saturday, \$35 for Friday only, \$25 for Saturday only and \$5 for students. American Dietetic Association continuing education credit and continuing medical education credit will be given. For registration or information, contact the Department of Food and Nutrition at 742-3041.

Keynote speaker for the event is Dr. Arnold Schaefer, director of the Swanson Center for Nutrition in Omaha, Neb., and former executive director of the National Institute on Health (NIH). He was chief of the nutrition program for the Health Service and Mental Health Administration and coordinated international and 10-state nutrition surveys. He will speak on the "Historical Perspective of Nutritional Assessment" at 8:45 a.m. Friday, Oct. 16.

Dr. Meredith Smith of the Department of Food and Nutrition at Kansas State University, will discuss "An Examination of Dietary Methodology." She has expertise in the collection and interpretation of dietary data and serves as a consultant for an integrated rural development program in the Dominican Republic.

"Nutritional Assessment of Children: Anthropometrics and Biochemical Indicators" will be discussed by Dr. Peggy Fry. Fry is pediatrics professor and chief of nutritional services for the Children and Youth Project for the Southwestern Medical School in Dallas. She has done anthropometric (human body measurement) research with children in the Cook Islands and in Hong Kong.



Dr. Robert Patton, professor of physical education and physiology at North Texas State University, will speak on "Body Composition Assessment and Evaluation." He has used body composition evaluation as a tool in exercise physiology since 1968.

Speaking on "Assessment issues of Youth," will be Dr. Betty Carruth, chairperson of the Department of Nutrition and Food Science at the University of Tennessee-Knoxville. She was director of nutrition and the multidisciplinary adolescent health training project for the Southwestern Medical School in Dallas.

Carruth has done research on the dietary habits of diabetic adolescents, body composition of ballet dancers and adolescent anorexia nervosa expressed through athletics. Her publications include articles on the cartoon approach to nutrition education, dietary counseling for the 'tweenager' years, vegetarianism for adolescents and young adults, the overfat adolescent and adolescent pregnancy and nutrition.

Dr. Eleanor Young, with the Division of Human Nutrition at the University of Texas Health Sciences Center at San Antonio, will speak Saturday on "Malnutrition in Hospitalized Patients: Some Approaches to Prevention and Treatment."

Young is researching alternate carbohydrate sources for parenteral (outside the intestine) feeding and the effect of liquid diets on the gastrointestinal tract.

The symposium will conclude with "Building Assessment Skills," presented by Carruth. She will use male and female subjects to demonstrate anthropometric measurements.

The symposium is sponsored by the Texas Tech Home Economics Department of Food and Nutrition, the Texas Tech University Health Sciences Center School of Medicine Office of Continuing Medical Education, Ross Laboratories and the Texas Cattle Feeders Association.



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CONTACT: Cheryl Duke

LUBBOCK--Some 200 librarians from public, school and college libraries across a 29-<sup>county</sup>~~state~~ area will convene at Texas Tech University Friday and Saturday (Oct. 9-10) for the annual District 9 Texas Library Association meeting.

A brief talk on surviving hotel fires is open to the public at 7:30 p.m. Friday. The talk by Sydelle Popinsky, manager of continuing education for the Texas State Library, will be in the Croslin Room Lobby of the Texas Tech Library. Popinsky also will discuss continuing education for librarians and library assistants in the district.

The conference begins with registration at 9 a.m. Saturday outside the Coronado Room of the University Center. A welcome by Lubbock Mayor Bill McAlister and the business meeting and election of officers will follow. Fees for the conference are \$10.50

The public libraries division will hear Elizabeth Crabb, director of the Northeast Texas Library system, discuss "Libraries, Change and Librarians to the Year 2000."

The school libraries division will hear about young adults' literature from Dr. Michael Angelotti of the Texas Tech education faculty.

The college and university libraries division will hear Robert Bray, interim director of planning for Texas Tech University, talk about the ethical and practical applications of computers and data bases.

Luncheon in the University Center Ballroom will feature Dr. David J. Murrah, university archivist and head of the Southwest Collection. His topic will be "Everything You Always Wanted to Know About the Llano Estacado, or Why the South Plains is Flat." Murrah will be introduced by Dr. Dorman Winfrey, director of the Texas State Library in Austin.

During the afternoon, participants may choose from four tours -- the Texas Tech Library, the Southwest Collection, the Law School Library or the Medical School Library.

5-10-5-81



caption-----

FACES I'VE KNOWN--This photograph of a Lubbock face is one of 25 photographs of faces in unusual poses on display at The Museum of Texas Tech University and in the book "Masks" recently published by Texas Tech University Press. The photographs are the works of Krystyna Baker, New York artist and teacher and Texas Tech graduate. A reception in Baker's honor will begin at 7 p.m. Monday, Oct. 19, at The Museum of Texas Tech University. Noted New York art critic A.D. Coleman will attend and will lecture on photogrpahy afterwards. Both events are open to the public. (TECH PHOTO)

6-10-5-81

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CONTACT: Cheryl Duke

LUBBOCK--The Shang Dynasty of China and its art will be the subject of a 10 a.m. lecture Tuesday (Oct. 13) at The Museum of Texas Tech University.

The lecture by Rabbi Alexander S. Kline, D.D., will be the first in the fall series of art seminars sponsored by the Women's Council of the West Texas Museum Association. A registration coffee for the 10-lecture series will be at 9:30 a.m. Fees for the series are \$5 for Texas Tech students, \$12.50 for Women's Council members and \$17 for non-members. Individual lectures are \$2.

Bronze casting under the Shang Dynasty (1523 B.C. to 1027 B.C.) reached a height of artistic achievement rarely equaled. Most ancient cultures which had developed bronze technology used it to create better tools and weapons. However, the ancient Chinese reserved bronze for the manufacture of majestic vessels for their state rituals and ancestor worship.

Rulers used bronze cauldrons, cups, drinking vessels and other containers to present offerings of food and wine to royal ancestors and deities. Under the Shang Dynasty, wine was important for these rituals, so wine containers far outnumber other types of bronze objects. Surface decorations on the Shang bronzes are of three basic design patterns -- the animal mask (taotie), a coiled dragon and a spiral motif. Birds, elephants, geese and imaginary animals can also be found on the bronzes.

Hundreds of bronze objects as well as objects of gold, jade and stones representing the Shang Dynasty have been discovered recently through archaeological digs in China. The preservation of such objects is due to their burial with their owners.

Prints of the early art objects will be shown to illustrate the lecture. The prints are from Kline's private art collection which includes recent additions from a trip to China.



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CONTACT: Cheryl Duke

LUBBOCK--"Light in the West: Photography and the American Frontier 1850-1890" will be shown Sunday (Oct. 11) and Thursday (Oct. 15) at The Museum of Texas Tech University.

The 58-minute, color film features the works and words of pioneer (c.q.) photography masters Carleton Watkins, Eadweard Muybridge, Timothy O'Sullivan, William Henry Jackson, Andrew Russell, William Soule and John Hillers.

The text for the film has been adapted from the authentic letters and journals of the photographers.

The free film will be shown at 2 p.m. and 3:30 p.m. Sunday and at 4 p.m. and 7:30 p.m. Thursday.

The film is sponsored by the West Texas Museum Association.

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8-10-5-81



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CONTACT: Becky Williams

LUBBOCK--A \$7,000 grant to assist in recruiting and retaining women and minorities in the field of engineering has been presented to Texas Tech University by the Mobil Foundation Inc.

Of the total, \$4,000 was designated for the Texas Tech College of Engineering to use as program support or scholarships in the minority recruiting program.

The departments of Petroleum Engineering, Mechanical Engineering and Chemical Engineering were designated to receive \$1,000 each to fund scholarships for women majoring in those fields.

Making the check presentation Sept. 23 on behalf of Mobil was C.A. Reinke Jr., senior regional recruiting coordinator, central region. Texas Tech President Lauro F. Cavazos and Engineering Dean John R. Bradford accepted.

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9-10-6-81



caption-----

DISCUSSING THE INDUSTRY--Top livestock association officials I.W. Terry, left, and John S. Cargile, right, visit with each other at the David M. Devitt and Mallet Ranch Building at the Ranching Heritage Center of The Museum of Texas Tech University during the Livestock and Money Symposium Sept. 18. The two participated on the President's panel at the symposium. Terry is president of the Texas Sheep and Goat Raisers Association and Cargile is president of the Texas and Southwestern Cattle Raisers Association. (TECH PHOTO)

10-10-6-81

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caption-----

TRIBUTE TO WATT--Participants at the 1981 National Golden Spur Award and Prairie Party Sept. 18 gave a standing ovation to this year's golden spur recipient Watt Reynolds Matthews of Albany, right.

Presentation of the annual award to a person who has made significant contributions to the ranching and livestock industries is the highlight part of the National Golden Spur weekend at the Ranching Heritage Center of The Museum of Texas Tech University. Applauding are, left to right, Barbara Anderson, John R. "Rich" Anderson, chairman of the Board of Overseers of the Ranching Heritage Center and Bob Eubanks, master of ceremonies for the event. (TECH PHOTO)



caption-----

IN THE LIGHT OF A GOLDEN SPUR--Watt Reynolds Matthews of Albany, center, pauses for the crowd after receiving the 1981 National Golden Spur Award, presented annually by the nation's leading livestock associations to someone who has made outstanding contributions to the ranching and livestock industries. The presentation was made Sept. 18 at the National Golden Spur Award and Prairie Party. Looking on are, left to right, Barbara Anderson, John R. "Rich" Anderson, chairman of the Board of Overseers of the Ranching Heritage Center of The Museum of Texas Tech University and television celebrity Bob Eubanks, master of ceremonies for the event. (TECH PHOTO)



CONTACT: Carrie White

ATTN: Business Editors

LUBBOCK--Corporate level often dictates an individual's involvement in professional and social activities, according to Dr. Cheryl Segrist, organizational behavior expert at Texas Tech University.

In a survey of bank managers in North Carolina, Segrist of the business administration faculty, was able to get an inside look at the levels at which social and professional contacts are pursued and maintained in an effort to promote company business. She also found a conflict with middle managers in their dealings with top executives, employees, job and membership activities.

"I noted more involvement of persons at the top levels but many of those people didn't have time for all the activities," Segrist said. More and more frequently the banks' top managers were becoming overburdened with the outside involvements and forced to leave some charity, church and social club activities to lower management personnel.

Although activities at a certain corporate level were almost a requirement, Segrist said persons could generally choose to join an organization in which they had some interest.

"If no one volunteers for a particular organization, someone may be asked to join the group," she said. But participation is usually keyed to the individual's likes and dislikes.

Establishing business contacts and future clients were reasons Segrist found for the "liasion activities" as they are sometimes termed.

"I found the managers were interested in improving the community to attract people and consequently business to the area," she said.

New developments in many fields also require businesses to keep in touch with one another in disseminating information.

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activities/add one

"These types of work-related activities are going to become more and more important as businesses become dependent on one another," she said.

Organizations the bank managers usually belonged to included professional, trade, recreational, civic, church and alumni. Most managers beginning their work-related activities started with civic and perhaps added country club memberships as they were promoted.

Some bank executives, she found, tended to concentrate more on the liasion activities than other executives whose primary concerns were internal operations.

"The managers who didn't have outside memberships didn't necessarily resent those who did," she said. "Resentment comes if you're doing what you don't like to do. Being social can be hard work, too."

Through the 13-page mail survey sent to 500 persons, of which 60 percent responded, Segrist said tension and stress at the top levels was no greater than at the lower managerial positions.

Of those surveyed, personnel at the middle-management posistions tended to show the most conflict between job and membership activities. Segrist said those persons were not only having to deal with employees, many of whom they had known when on that corporate level, but also the top executives.

"It is also the middle manager who is starting to do the outside activities," Segrist said.

In pursuing research on organizational behavior, Segrist's future plans include the observation of an individual through a career and development of guidelines for career planning.

She will also be investigating activity patterns involved within the various levels of companies and activity relationships to individual professions.



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CONTACT: Preston Lewis

LUBBOCK--U.S. Rep. Kent Hance of Lubbock will speak at the Texas Tech Dads Association's annual membership luncheon Saturday, Oct. 17, during Dads Day activities.

At the luncheon a Texas Tech faculty member will be recognized for teaching creativity, the dean of the College of Engineering will be honored for his community leadership and two former Red Raider athletes will be inducted into the Texas Tech Athletic Hall of Honor.

Hance, serving his second term in the House of Representatives, is one of the first two Texas Tech graduates elected to Congress. Hance represents the 19th Congressional District which includes Texas Tech. He is 1965 business graduate and a former Texas Tech student body vice president. Hance taught business law at Texas Tech in 1968-73.

The luncheon will begin at noon in the University Center Ballroom.

The annual Spencer A. Wells Award will be presented to Texas Tech German Professor Theodor W. Alexander for teaching excellence. Alexander is the 16th Texas Tech faculty member to receive the award since it was initiated in 1967. He began teaching at Texas Tech in 1947 and each year since has directed the German play. He also developed the university's Kinderschule program for elementary school students. The award includes a \$1,000 honorarium made possible by a grant from the Hemphill-Wells Foundation.

Engineering Dean John R. Bradford will receive the association's first Community Leadership Award, begun this year to recognize a Texas Tech faculty member, staff member or administrator for civic activities and public service. Since becoming engineering dean in 1955, Bradford has served the Lubbock community in numerous capacities.

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Former Texas Tech football players J.L. Gulley Jr. of Tyler and John Field Scovell of Dallas will bring to 50 the number of inductees installed in the hall of honor since it opened in 1961.

Gulley lettered at Texas Tech in 1947 and 1948, helping the Red Raiders to a two-year 13-8 record and a 1947 Sun Bowl berth during the two seasons. He graduated in 1949 with a degree in petroleum geology. Gulley is a drilling contractor, certified petroleum geologist and independent oil producer. He is president of the Texas Tech Ex-Students Association and the association's representative on the Texas Tech Athletic Council.

Scovell lettered in football in 1965-67 at Texas Tech. He started at quarterback his last two seasons and amassed more than 2,500 yards total offense. He graduated as a finance major and went on to receive his master's degree in business from Harvard University in 1970. He is president of the Woodbine Development Corp. in Dallas. He also serves on the Texas Tech Accounting Advisory Council and is president of the Cotton Bowl Athletic Association.

Other Dads Association activities include a family dinner and an opportunity to visit with university administrators Friday night, Oct. 16. On Saturday a coffee, business meeting, mothers luncheon and bus tour of the campus will also be available.

Tickets to all activities are available to the public. For more information, contact the Texas Tech Dads Association at P.O. Box 4293, Lubbock, Texas, 79409, or at (806) 742-3630.



# Texas Tech News

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

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CONTACT: Cheryl Duke

LUBBOCK--Dr. Dorman H. Winfrey, director of the Texas State Library in Austin, will be the special guest during a District 9 Texas Library Association meeting Oct. 9-10 at Texas Tech University.

Winfrey will attend activities at the Texas Tech University Center all day Saturday. Librarians from the 29-county area district may visit with Winfrey during session breaks that day.

Ray C. Janeway, director of Library Services at Texas Tech, explained that Winfrey, as head of the Texas State Library, holds a position of great significance to all other libraries in the state.

"The broad spectrum of services offered by the state library benefits public library patrons everywhere. This includes a multitude of assistance, from distribution of federal funds to inter-library loans," he said.

At the Saturday luncheon, Winfrey will introduce the speaker, Dr. David J. Murrah, university archivist and head of the Southwest Collection at Texas Tech.

Other activities will include sessions on librarians in the year 2000, literature for young adults and computers and data bases and a business meeting and election of officers.

Winfrey has been director of the Texas State Library since 1962. He earned his bachelor's, master's and doctoral degrees at the University of Texas.

He has been a social science research associate and archivist at the University of Texas and a State archivist for the Texas State Library.

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library/add one

Winfrey wrote "A History of Rusk County, Texas" in 1961 and "Julien Sidney Devereaux and his Monte Verdi Plantation" in 1964. Both won awards of merit from the American Association for State and Local History.

He has contributed to and edited numerous books on Texas History and published articles in archival, historical and library journals.

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15-10-7-81

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CONTACT: Carrie White

LUBBOCK--Three members of the Texas Tech University senior meat judging team placed in the top 10 of the first MBPXL High Plains Intercollegiate Meat Judging Contest in Plainview.

The team placed first in pork and lamb judging and in written reasons. Jim Law, son of Mr. and Mrs. Harold Law of Albany, captured first in the senior division for pork judging. Cindy Lundy, daughter of Mr. and Mrs. Bill Lundy of Wylie, finished first in written reasons.

The four-man Texas Tech team placed second overall in the Sept. 30 event, with four teams and 25 persons participating.

Mark Miller, son of Mr. and Mrs. F.B. Miller Jr. of Joshua, was fourth overall. Law was fifth and Monica Hightower, daughter of Mr. and Mrs. Thomas L. Nix of Wichita Falls, placed sixth.

Because the beef slaughter industry is concentrated on the High Plains, Team Coach Gordon W. Davis said the contest will, as it continues, give many students an opportunity to see modern slaughter plants and large Texas feed yards.

"This contest was a success and, in the future, it will provide an opportunity for students from many states to come to the High Plains to participate in a national contest," Davis said.

Dr. Davis is on the faculty of the Texas Tech Department of Agricultural Sciences which coordinated the contest funded by MBPXL, one of the largest of the meat packing companies on the High Plains.



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CONTACT: Cheryl Duke

LUBBOCK--A statewide, competitive study grant from the Jewell L. Taylor Family Trust of Fort Worth has been awarded to a Texas Tech University home economics instructor.

Jo Ann L. Shroyer an instructor in the Department of Family Management, Housing and Consumer Science, has received the grant which will fund tuition, books and room and board expenses for her doctoral study. She is pursuing a doctorate in housing at Oklahoma State University in Stillwater.

Selection for the grant was based on each applicant's "dedication of purpose, financial need, good character and high scholastic achievement."

Shroyer received her bachelor's and master's degrees in housing and interiors at Texas Tech. She was awarded a research assistantship by the Texas Tech Graduate School in 1980. She plans to use the Jewell L. Taylor grant during the 1982 spring semester and return to Texas Tech to teach in the fall.

Jewell L. Taylor was a home economist for more than 50 years and funded the family trust to provide study grants for future home economists.



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CONTACT: Preston Lewis

LUBBOCK--Dr. Robert G. Steadman has joined the staff of Texas Tech University's Textile Research Center to do research in the evaluation of yarns and fabrics produced by new processes and new machinery and has been named to the faculty in the university's Textile Engineering Department.

TRC Director James S. Parker said one of Steadman's first assignments will be studying new yarns produced from wool, mohair and a variety of man-made fibers on the Platt Saco Lowell Self-Twist Spinner.

Steadman's teaching responsibilities in the Textile Engineering Department will include lecturing on fiber processing, testing and quality control and supervising student laboratories in carding and spinning.

His professional experience has been in cotton and wool fiber testing and in textile manufacturing in the United States and abroad. A native of Sydney, Australia, Steadman received a bachelor's degree in textile physics and a doctoral degree in textile technology from the University of New South Wales.

He served as officer-in-charge of the cotton fiber testing laboratory for the New South Wales Department of Agriculture from 1964-66. He later was textile manager of the Australian Wool Testing Authority in Melbourne, Australia. In 1971 he traveled to Nigeria with an executive volunteer program to serve as an adviser to the Nigerian textile industry.

Steadman previously has taught at the University of Manitoba in Winnipeg, at Texas Tech from 1972-78 and at Colorado State University from 1978 until this year.

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The Textile Research Center is a full-fledged textile research facility involved in studies designed to improve the production and utilization of natural fibers produced in Texas and to assist the textile industry in improving the processes and uses of all fibers.

Texas Tech is one of only nine institutions in the United States that offers undergraduate degrees in textile technology and is the only one west of Alabama.

18-10-8-81

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# Texas Tech News

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CONTACT: Preston Lewis

ATTN: Business Editors

LUBBOCK--The philosophy of management and its bearing on organizational goals, such as productivity and efficient application of technological innovation, will be examined in a panel discussion organized by Texas Tech University Horn Professor Richard A. Dudek for an Institute of Management Sciences Meeting Oct. 12-14 in Houston.

"It is generally accepted that management is a skill all its own," Dudek, chairman of Texas Tech's Industrial Engineering Department, said. "If it is such a skill we should be able to teach good management in our schools, but nobody has a good handle on how to teach management philosophy."

Dudek said the panel session in Houston's Regency Hyatt House Hotel will examine trends in management philosophy education in the 1980s. According to Dudek the four primary theories of management philosophy are based on: 1. empiricism--relying on experience and history 2. operational theory--concentrating on organizational functions such as quality control, productivity 3. behavioristic philosophy--concentrating on employees in a people-centered environment and 4. decision theory--centering on proper decision-making techniques.

Joining Dudek on the panel session will be four experts to discuss those theories of management philosophy.

19-10-9-81

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CONTACT: Harvey Landers

LUBBOCK--Jazz flugelhornist Chuck Mangione will perform at 8:30 p.m. (Oct. 16) in the Lubbock Municipal Auditorium in a concert sponsored by Texas Tech University Center Programs.

Mangione's records have won both Grammy and Emmy awards. One of his album's, "Feels So Good," has reached double-platinum status.

One of his works, "Chase the Clouds Away," was used as background music for telecasts of the 1976 Olympic Games. Mangione was also commissioned to do music for the 1980 Winter Olympics by ABC Sports.

A native of Rochester, New York, Mangione studied music at the Eastman School of Music, both in high school and college. He has a Bachelor of Music degree from Eastman. Later he taught music and freelanced in New York City. Then he became a faculty member at Eastman where he directed the jazz ensemble.

Mangione won his first Grammy Award in 1976 for the album "Bellavia." He received an Emmy for the music he wrote for ABC Sports for the 1980 Winter Olympics at Lake Placid, New York.

Recently, Mangione has performed several benefit concerts for the Special Olympics and for the victims of Italy's 1980 earthquake.

For ticket information call 742-3610.

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CONTACT: Preston Lewis

LUBBOCK--The chairman of the Department of Civil Engineering at the South China Institute of Technology will visit with Texas Tech faculty and administrators Friday (Oct. 16).

Professor Chong-guang Ling of Canton, China, will meet with Lawrence Garvin, chairman of the Division of Architecture, and Ernst W. Kielsing, chairman of the Department of Civil Engineering.

Ling will present a film "Construction Technology in Mainland China" and speak to a joint meeting of the American Institute of Architects, Lubbock Chapter, and Associated General Contractors of America, West Texas Chapter, at 7:45 p.m. Friday in the Hilton Inn Ballroom. The presentation is open free to the public.

21-10-9-81

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October 9, 1981

EDITOR'S ADVISORY: An emergency meeting of the Campus and Building Committee of the Texas Tech Board of Regents is scheduled for Saturday, Oct. 10, 1981, at 3 p.m. in the Office of the President, Room 126 of the Administration Building. The agenda reads as follows: "Consideration of specifications for the Petroleum Engineering Building Addition." The reason for the emergency is that the specifications are now ready for approval, and this meeting will expedite proceeding with plans for the addition.

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22-10-9-81