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CONTACT: Beverly Taylor

1-1-20-87

LUBBOCK--The peak and decline of political power in 16th and 17th century Spain and the zenith of the arts which followed will set the stage for spring Tuesday art seminars sponsored by the Women's Council of the West Texas Museum Association.

Texas Tech University history Professor Lowell L. Blaisdell will open the spring series Tuesday (Jan. 27) with an overview of the history of the Spanish Renaissance.

Art seminars begin at 11 a.m. at The Museum, with registration and coffee at 10:30 a.m.

"Art through the Ages," the 26th year of art seminars sponsored by the Women's Council, will study the Renaissance in Spain and England this spring.

"Spain reached its peak as a great power during the 1500s when the main goal of the kings was to try to extend Spanish political and religious influence," said Dr. Blaisdell. "By 1600, Spain was over the hill politically. It is interesting that the arts peaked after political power had started to slide."

Blaisdell said the conditions which brought political decline included overextension of resources in attempting to spread Spanish influence and Catholicism, lack of flexibility and overemphasis of religion.

"During the time when the arts were reaching their peak and before Spain really began to decline politically, some of the artists and writers seemed to have a sixth sense about what was happening politically in their country," he said. "In the art, there is a sense of decadence and a fascination with death."



He will discuss Spanish literary achievements, such as introduction of the novel and drama, and religious and royal patronage painters, including El Greco and Velasquez.

Season tickets for the spring series are \$20 for non-Women's Council members, \$15 for members and \$5 for Texas Tech students. Individual lectures are \$3 each, payable at the door.

To register, contact WTMA, Box 4499, Lubbock, Texas 79409 or (806) 742-2443. Registration can also be paid at the first lecture.

The second spring seminar will be "Architecture and Interiors -- Spain -- Escorial" by Jody Brotherston of the Texas Tech Art Department Feb. 3.

Art Professor Nancy B. Reed will present "Architecture -- University Alca la de Henares," Feb. 10.

Art Professor Gene Mittler will discuss "Painting -- Spain -- El Greco," Feb. 17.

Spanish Renaissance painting will be the topic for art Professor Edna S. Glenn on Feb. 24.

The history of England during the Renaissance will be highlighted by history Professor Jacquelyn Collins on March 3.

English Professor Jeri Tanner will discuss Shakespeare on March 10.

"Architecture -- English Perpendicular" will be presented by architecture Professor Elizabeth Skidmore Sasser on March 24.

Lubbock artist Eleanor Kreneck will discuss "Painting, Sculpture and Manuscripts -- England," March 31.

The final spring lecture will be "Elizabethian English Music" by music Professor Paul F. Cutter on April 7.



CONTACT: Preston Lewis

2-1-20-87

LUBBOCK--Mystery novelist Tony Hillerman, best known for his novels with Navajo settings and characters, will deliver the keynote address Jan. 28 for Texas Tech University's 20th Annual Comparative Literature Symposium.

The Albuquerque novelist will be one of 17 speakers participating in a program on "Literature and Anthropology" Jan. 28-30 on the Texas Tech campus.

Hillerman will discuss "Making Mysteries With Navajo Material" during the keynote address at 7 p.m. Jan. 28 in Hemmle Recital Hall in the University Center. Hillerman is also scheduled to discuss his writing career during an informal reception at 7:30 p.m. Jan. 29 in the Paragon Hotel, 4115 Brownfield Highway.

The Hillerman presentation and other symposium sessions, which will be in the Special Collections Room on the third floor of University Library, are open to the public. Annually the symposium examines literature and compares it with literature from other nations, periods or genres or with other disciplines.

Texas Tech English Professor Wendell M. Aycock, who is co-organizer of the symposium with anthropology Professor Philip A. Dennis, said anthropology is well suited for comparison with literature because it is the study of people and their cultures. The 1987 symposium will look at how literature can reveal anthropological truths about people and their cultures, religions and customs.

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Program participants will include Miles Richardson, chairman of the Department of Geography and Anthropology at Louisiana State University, and A. Owen Aldridge, holder of the Will and Ariel Durant Chair in the Humanities at St. Peter's College in New Jersey. Richardson will speak at 10:30 a.m. Jan. 29 on "The Point of View in Anthropological Discourse" and Aldridge at 11 a.m. on "Literature and the Study of Man."

An exhibit of books related to the program will be displayed in the library during the symposium.

The symposium is made possible in part by a grant from the Lubbock City Council as recommended by the Lubbock Cultural Affairs Council. It is jointly sponsored by the Texas Tech Office of Academic Affairs and Research, Dean of Arts and Sciences and departments of Anthropology, Classical and Romance Languages, English, Music, and Germanic and Slavic Languages.

Hillerman is a former newspaper journalist and University of New Mexico (UNM) journalism professor. He holds a bachelor's degree in journalism from the University of Oklahoma and a master's degree in English from UNM. He later worked as UNM journalism department chairman and twice as assistant to the UNM president before resigning from the faculty in 1985.

He is editor or author of 14 books. His book "Dance Hall of the Dead" won the Edgar Allen Poe award given by the Mystery Writers of America for best mystery published in 1973. Copies of his books will be available in bookstores serving the campus.

For information on the symposium, contact Aycock at 742-2524 or Dennis at 742-2228.



# Texas Tech News

## AFTER HOURS CALL:

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TEXAS TECH UNIVERSITY / TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER  
NEWS AND PUBLICATIONS / P.O. BOX 4640 / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: Beverly Taylor

3-1-21-87

LUBBOCK--The feminine attitude in art and the strength of women artists are blended in "Works by Women," a collection of art by American women which opens Jan. 25 at The Museum of Texas Tech University.

The exhibit, which includes 17 pieces by artists such as Georgia O'Keefe, Mary Cassatt and Grandma Moses, will officially open with a reception from 2-4 p.m. Feb. 1. The reception, sponsored by The Museum and West Texas Museum Association, will include recognition of area professional women who are especially invited to the opening. The exhibit and reception are free to the public.

Prepared by the Gihon Foundation of Dallas to showcase women in the arts, "Works by Women" will be displayed through May 3.

Some of the works in the show are a rattan and papier-mache sculpture by Clyde Connell; a sculpture of chicken wire, cotton, plaster and gold leaf by Lynda Benglis; a still life canvas drawing by Janet Fish; and a pastel drawing of a mother and child by Mary Cassatt.

(cq)

Other artists featured are Nancy Chambers, Hermine Ford, Dorothy Hood, Mary McCleary, Gael Stack<sup>(cq)</sup> and Dee Wolff. The works range from realistic still lifes to abstract and impressionistic creations.

The Gihon Foundation was established in 1978 by Bette Graham, inventor of Liquid Paper correction fluid. Graham's love of art and her belief in the importance of aesthetics led her to assemble an extensive art collection for the offices of Liquid Paper Corp.

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"From the Heart," a film featuring nine of the 13 artists in the exhibit, will be shown during the reception and at various times throughout the show. The hour-long film was designed to acquaint viewers with the artists, their techniques, family backgrounds and artistic philosophies.

For more information about the exhibit or showings of the film, contact The Museum at (806) 742-2442.

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4-1-21-87

WORKS BY WOMEN--"Red Vase and Yellow Tulips," an oil on canvas painting by Janet Fish, is one of 17 pieces in "Works by Women" which opens Jan. 25 at The Museum of Texas Tech University. Prepared by the Gihon Foundation of Dallas, the exhibit was designed to show the strength of women in the arts.



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CONTACT: B. Zeeck

5-1-21-87

LUBBOCK--Dr. J. R. Goodin has been named dean of the Texas Tech University College of Arts and Sciences. The announcement was made Wednesday (Jan. 21) by Dr. Donald R. Haragan, vice president for academic affairs and research.

Goodin, a botanist, has served as interim dean since Aug. 5, 1985. He succeeds Dr. William B. Conroy who resigned to become executive vice president of New Mexico State University, Las Cruces.

"Dr. Goodin's dedication to Texas Tech and his ability to move the college forward during a difficult interim assignment were major factors in his selection," Haragan said.

"Dr. Goodin has demonstrated that he has the potential necessary to become an effective academic leader," Haragan said. "I anticipate that he will have the support of faculty and administrators important to the success of any dean."

Goodin first came to Texas Tech as a student in 1951. He earned his bachelor's degree in 1955 and then went on to earn the master's at Michigan State University and the doctoral degree in plant physiology at the University of California, Los Angeles (UCLA). He also spent a year in post-doctoral work in botanical histochemistry at the University of California-Berkeley.

After serving in the Air Force as an administrative and personnel officer in Japan and teaching at Michigan State, UCLA and the University of California-Riverside, he returned to Texas Tech as a member of the biological sciences faculty in 1970. In addition to teaching and research, he has been deputy director of Tech's International Center for Arid and Semi-Arid Land Studies (ICASALS) and chairperson of the Department of Biological Sciences.

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Goodin is the author or co-author of about 100 scholarly articles and four books related to botany, particularly the plants of arid and semi-arid lands. With co-researchers he has a patent pending for in vitro production of cotton fibers.

He has has been an invited participant in scholarly meetings throughout the United States and in India, England, Kuwait, Egypt, Israel, Pakistan, Argentina, Mexico, Japan and Australia. He also has received research travel grants for work in Japan, Mexico, Australia, Egypt and Saudi Arabia.

His university service has included work with more than 30 campus committees, task forces or other organizations.

Nationally and internationally, he has had committee and leadership roles with the Society of Range Management, the American Association for the Advancement of Science (AAAS), the Botanical Society of America, and the Organization for Tropical Studies.

Goodin's research has had the support of the National Academy of Sciences, the Rockefeller Foundation, the Smithsonian Institution, the U.S. departments of Agriculture, Energy and Interior, the Agency for International Development, the National Science Foundation, the AAAS and the state of Texas.



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CONTACT: Preston Lewis

6-1-22-87

LUBBOCK--The director of the Center for Nonlinear Dynamics at the University of Texas at Austin will deliver the first address Jan. 29 in the Halliburton Distinguished Lecture Series this semester in the Texas Tech University College of Engineering.

Harry L. Swinney, Trull Centennial Professor of physics at the University of Texas, will speak on "The Transition to Chaos" at 4:30 p.m. Jan. 29 in the Lankford Lab of the Electrical Engineering Annex. The program is free to the public.

Swinney is recognized internationally for his work on nonlinear phenomena in fluid flows. His research has helped change the understanding of how apparently random behavior of systems comprised of many particles can be understood in terms of the deterministic laws of Newton.

The author of more than 60 technical papers, Swinney has held fellowships from the John Simon Guggenheim Foundation, National Science Foundation and National Space Club. He is editor of "Physics D-Nonlinear Dynamics" and a member of the Executive Committee of the American Physics Society.

Other speakers in the spring lecture series will be Russell C. Drew, president-elect of the Institute of Electrical and Electronics Engineers and president of Viking Instruments Corp., Feb. 17; Lawrence C. Kravitz, vice president and director of technology for the Bendix Aerospace Sector of Allied Signal Inc., March 24; and Allen J. Wright, manager of automation applications for Intelledex Inc., April 21.

The Halliburton Distinguished Lecture Series is sponsored annually by the Halliburton Foundation in conjunction with the Texas Tech College of Engineering.



LUBBOCK--A seminar to update clinical anesthesiologists on current concepts in several areas is set for Feb. 27 to March 1 in the Lubbock Memorial Civic Center.

The annual conference, "Refresher Course in Anesthesiology," will help anesthesiologists better understand the concepts of managing pediatric patients and those with cardiovascular and respiratory disease.

The conference is sponsored by District I of the Texas Society of Anesthesiologists and the Texas Tech University Health Sciences Center (TTUHSC) Department of Anesthesiology and the Office of Continuing Medical Education.

Guests speakers will be Dr. Ronald A. Harrison, associate medical director, Respiratory Therapy Department, Northwestern University, Chicago, Ill.; Dr. Carol Ann Hirshman, anesthesiology professor, Johns Hopkins Hospital, Baltimore; Dr. John T. Martin, Department of Anesthesiology chairperson, Medical College of Ohio, Toledo; Dr. W. Lawrence Roy, anesthesiology professor, University of Toronto and the Hospital for Sick Children, Toronto; Dr. Joseph L. Seltzer, Department of Anesthesiology chairperson, Jefferson Medical College, Philadelphia; and Dr. Mark P. Yeager, anesthesiology professor, Dartmouth-Hitchcock Medical Center, Hanover, N.H.

Registration is \$145 for physicians and \$90 for residents and nonphysicians. Registration must be completed by Feb. 21. For more information, contact the Office of Continuing Medical Education at (806) 743-2929 or anesthesiology Professor Dr. Eason Cockings at (806) 743-2920.



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CONTACT: Beverly Taylor

8-1-22-87

LUBBOCK--Simple adjustments which prolong independence can mean a world of difference to the elderly.

Ted K. James, an occupational therapy professor in the Texas Tech University Health Sciences Center School of Allied Health, has seen it happen hundreds of times.

An example is Fred, an 80-year-old confined to a wheelchair. Fred was doing pretty well on his own except for difficulties in getting on and off the toilet.

"He had gone to all kinds of effort to take care of the problem," James said. "For awhile he tied a rope to the wall and pulled himself up, but he had to quit because he was pulling his arm out of socket."

After visiting briefly with Fred, James suggested installing a plastic extender on the toilet seat so Fred could slide from his wheelchair to the toilet and back without getting up.

"He immediately had a whole different outlook on life," James said. "Even the things he had just been complaining about were being seen in a different light."

Like most elderly people who spend most of their time alone at home, Fred was motivated to be independent, but he couldn't solve the problem on his own, James said. Increased life expectancy, divorce and a mobile society are resulting in more elderly people who are isolated in their homes, he said.

"It's necessary to reach these people who are alone," James said. "They are hard to find because they are already somewhat immobilized and isolated. They aren't the ones going to senior citizens' meetings and other activities."

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"Most people have no desire to be dependent on others. They make lots of efforts not to be, but often they lack knowledge and the objectivity of an outside view.

"The solutions are often relatively simple," James said, "but, the person and the family often do not come up with them. When the children come over for a visit they usually don't focus on specific problems of the parent's daily activities, but on money or just visiting."

James said occupational therapists help people of all ages to overcome physical and mental problems which reduce their independence. Common areas include occupational and social functioning, hygiene and eating.

"When people are alone, they are really at risk," James said. "We hear stories about elderly people having emergencies in their homes and not being found for several days. No one was concerned enough to check on them."

But occupational therapy and other forms of health care are not the total solution for the isolated elderly, he said.

"The health system is just not that encompassing. Contact can't be made with every individual," James said. "Each of us needs to think in terms of responsibility. In a way we really are our brother's keeper and we should make an effort to be in contact with these people, to be their emergency number."



CONTACT: K. Hopper

9-1-22-87

LUBBOCK--Texas Tech University Theatre will open its first production of the spring season, "Macbett," at 8:15 p.m. Thursday (Jan. 29) in the University Lab Theatre.

The play will continue through Feb. 2 with nightly performances. A matinee will be offered at 2 p.m. Sunday (Feb. 1).

Written by internationally renowned Eugene Ionesco and translated from the French by Charles Marowitz, "Macbett" is partly a parody of Shakespeare's "Macbeth." The play has been called a macabre comedy about monarchy.

The production, directed by J.E. Masters, features Tom Eppler as Candor, Sean Jones as Glamis, Jefferson Johnson as Banco, Jeffrey Paul Johnson as Macbett, Arch Hooks and Sean Halloran as soldiers, Victoria Potter as the woman, Lea Barron as Lady Duncan and Clay Brakeley as Duncan. Scenery and lighting are designed by Douglas Gilpin with costume design by Elaine Atkinson. Brian Griffin serves as assistant director/stage manager and Dana Gloege is technical director.

Tickets for the public are \$6 and may be purchased in person at the Lab Theatre Box Office between 1 and 5 p.m. Monday through Friday or reserved by telephone at 742-3601.



Story ideas for the week of  
January 26-30, 1987  
10-1-22-87

**Texas Tech University**  
University News & Publications  
BOX 4640/LUBBOCK, TEXAS 79409/(806) 742-2136

# Radio & Television New Service

**THE CLEMENTS YEARS**--What changes can be expected in state operations during Bill Clement's administration? Economically, Texas not the same state Clements once governed. For a look at what's possible in the next four years in Austin, contact Dr. Neale Pearson of the political science faculty at 742-2991.

**THE DANGERS OF YOUTH**--A one-hour special examining crucial problems facing American youth will air at 7 p.m., Wednesday, Jan. 28 on KTXT-TV. You may find good follow up ideas in the Public Broadcasting Service (PBS) special, "Generation at Risk", which will look at how some communities are handling and preventing drug and alcohol abuse, dropouts, teen pregnancy and teen suicide. During the broadcast, Lubbock area hotline numbers will be open for questions or problems related to these issues. For more information about the show, call Karen Payne, Director of Development for Educational Television, at 742-2209.

**A JAPANESE CONNECTION**--A new project at Texas Tech University will be aimed at improving U.S. relations with Japan. The Texas Tech Center for Excellence in Education and the Japanese Studies Program have been awarded a three-year grant to conduct the program, "The Southwestern Program for Teaching About Japan" (SPTAJ). Program director Duane Christian says the project involves Texas, Oklahoma and Louisiana and will be linked to five other similar regional projects in the U.S. For details, contact Dr. Christian at 742-2356.

**A WOMAN'S TOUCH**--"Works by Women," a collection of art by American women, opens Jan. 25 at the Museum of Texas Tech University. The exhibit features such artists as Georgia O'Keeffe, Mary Cassatt and Grandma Moses. It officially opens with a reception program from 2-4 p.m. Feb. 1. For more on the exhibit and the reception program, call the Museum at 742-2442.

For assistance with these and other story ideas, contact Dorothy Power/Don Vanlandingham, News & Publications, 742-2136.



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CONTACT: Beverly Taylor

11-1-23-87

(MEDIA ADVISORY: You are invited to attend this event.)

LUBBOCK--Texas Tech University College of Education Dean Richard E. Ishler will speak on "Educational Reforms" at 6 p.m. Thursday (Jan. 29) in the Biology Lecture Hall, Room 100.

Designed as a convocation for College of Education (COE) students and faculty, the speech will include an analysis of national and state educational reforms and Ishler's ideas about the future of education and the college. The dean said he plans to make such an address an annual event.

The public may attend free.

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CONTACT: Sally Logue Post

12-1-23-87

LUBBOCK--A Texas Tech University landscape architecture major is one of six students to receive a \$500 scholarship from the Southwest Park and Recreation Training Institute.

Kathy Lust, Route 4, Dimmitt, will receive the scholarship during the group's 32nd annual Training Institute Feb. 1-4 at Lake Texoma Lodge, Kingston, Okla.

The training institute, which was originated by the Texas Tech Department of Park Administration and Landscape Architecture, draws about 275 persons annually from Texas, Oklahoma, Colorado, New Mexico, Louisiana, Kansas and Missouri.



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13-1-23-87

(EDITOR'S ADVISORY--Attached please find a list of feature possibilities available at Texas Tech University and the Texas Tech University Health Sciences Center. The News and Publications Office is available to help develop stories or set up interviews with sources.

Lubbock media may find the list helpful in planning coverage for Tech Appreciation Day, Feb. 26.

For assistance with the list, please contact Preston Lewis, (806) 742-2136.)

Story Possibilities  
on  
RESEARCH AND PROGRAMS  
at  
TEXAS TECH UNIVERSITY  
and  
TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

STRATEGIC DEFENSE--When the Defense Department began to look toward a Strategic Defense Initiative, one of the first places it turned was the Electrical Engineering Department at Texas Tech University. For more than a decade, the department has been studying high power switching and plasma physics to develop a technology essential in clean nuclear power generation through fusion or in a weapons defense system.

BLIP ON THE CHIP--Although the development of the microchip has helped improve the efficiency of industries worldwide, the production of microchips remains one of the most inefficient processes in industry. The problem is that the chips -- wafers of silicon coated with varying materials in layers of differing electrical conductivity -- cannot be tested for flaws until the entire chip is done. Researchers in the Texas Tech Chemical Engineering Department are looking at ways to spot flaws during the manufacturing so the industry can improve its current average efficiency of one good chip out of every three produced.

NEW MATH--Mathematics may be an esoteric subject to some, but it has many practical and often surprising applications. Texas Tech mathematicians are studying everything from depletion of endangered species and water usage rates to cracks in aircraft components and imaging techniques for medical diagnostics.

HELPING PATIENT AND PHYSICIAN--Mycoplasma pneumoniae or "walking" pneumonia is a bacterial infection which can keep its victims feeling run down for weeks. The only way a doctor can tell if Mycoplasma is the culprit is to grow a culture -- a two- or three-week process. Medical technologists in the School of Allied Health are working on a test which will indicate within a day or two whether Mycoplasma are responsible for the patient's lingering symptoms.

SEE THE LIGHT--The next leap in computing technology may well come in optical computing which uses light to do the work electricity has done. Theoretically, optical computers have a potential to do a quadrillion operations per second compared to 500 million operations a second by electronic computers. Texas Tech electrical engineering researchers are studying ways to make optical computing a reality.

MORE WHEAT--Plant and soil scientist Henry Nguyen is working to develop drought tolerant wheat and sorghum varieties that can withstand the semi-arid climates we live in. Nguyen was one of 200 scientists nationwide to be named a 1986 Presidential Young Investigator by the National Science Foundation.



LEADERSHIP--The best leaders are those who can best combine their skills with an organization's leadership requirements and adapt to the situation, says Texas Tech University Horn Professor Jerry Hunt.

RURAL LINKS--The Kellogg Foundation and AT&T have made possible a computer network that links rural and urban underserved health care providers with the Health Sciences Center. Nursing Associate Dean Helen Cox can discuss the medical and personnel advantages the network has for underserved areas.

SOCIAL UNREST AND GENETICS--The disintegration of small, isolated communities may be widening the gap between the privileged and underprivileged. As a result of trying to understand how societal and genetic influences interact, Texas Tech biologists have hypothesized that increasing social unrest is due to the conflicting pressures of genetics and a changing society.

A FAMILY PROBLEM--As Alzheimer's disease runs its course in its victims, it can also produce secondary victims by devastating the patients' caregivers. Texas Tech psychologists and neurologists are studying non-professional caregivers in hopes of developing a timetable to tell caregivers how the disease may progress in the patient and what emotions and hardships caregivers can expect to experience as the patient declines.

CORE OF THE MATTER--The Texas Tech University Petroleum Engineering Department has developed a new core analysis laboratory that is state of the art in analyzing oil well core samples. The lab is a third generation facility that has caught the interest of several oil companies and one foreign country, Ecuador, which is seeking a duplicate laboratory.

NATURE BYPASS--Texas Tech biologists are in to farming -- but not in the field. They were the first scientists to grow cotton fibers in the laboratory directly from single cotton cells without growing other parts of the plant. Extensive research takes place in the department's plant tissue culture lab in attempts to understand and imitate the growth process.

THE SCIENCE OF WEATHER--A quick glance outside makes everyone a "weather watcher." But, how do atmospheric scientists see weather? What causes snow and rain, dust and wind? Texas Tech atmospheric scientists can explain weather conditions and how current weather information received through weather maps and satellite pictures is assessed and analyzed. Or, they can talk about research in rain production and storm forecasting.

DRUG REHABILITATION--Experts in the marriage and family therapy labs in the College of Home Economics are studying substance abuse among adolescents and are treating the problem through family therapy.

BLOWING IN THE WIND--That's what a lot of debris does after the high winds associated with tornados or hurricanes. Since the devastating tornado struck Lubbock in 1970, Texas Tech has moved to the forefront of disaster studies through its Institute for Disaster Research. Improved building methods, ways of limiting wind-borne debris, studies of glass strength are just some of the activities researchers in the Civil Engineering Department have been working on to help ameliorate the damages from disasters.



COTTON MONEY--Agricultural economist Don Ethridge has completed work detailing falling cotton yield trends on the High Plains. He is also an expert on worldwide cotton production prices.

BUFFALO WHAT?--Buffalo gourds, that's what! So what? Well, researchers in the Texas Tech Agricultural Engineering Department think the buffalo gourd could become an alternative crop for West Texas farmers. Buffalo gourds can produce a surprising amount of vegetable oil from its seeds. Its starchy root can be used in the production of ethanol, for instance. Researchers have estimated a net return of \$137 an acre for the crop and think there is tremendous potential for the crop.

MARKETING ETHICS--Texas Tech University Horn Professor Shelby D. Hunt of marketing says marketing research is the basis for many critical business decisions and those who do the research have concerns about the integrity of their profession.

PAIN CENTER--Some pain just won't respond to traditional treatments. For those patients, the Health Sciences Center's Pain Center is just what the doctor ordered. Anesthesiology Chairperson Gabor Racz has more details.

CAR OF THE FUTURE--More and more, aerodynamics is becoming a prime determinant in the shape of the automobiles we drive. Aerodynamically sound cars have a sleek look that improves handling and gas mileage. Texas Tech researchers in the Mechanical Engineering Department are working with a major American car manufacturer on the car design of tomorrow.

ONION TRANSFERS--Plant scientist Ellen Peffley is working to develop a more disease-, drought- and pest-resistant onion by combining in the test tube the best of our American onion with the best of a Japanese variety.

YOU'RE A PIG--While statements comparing people to pigs may be meant to be derogatory, they are also accurate. Animal scientist John McGlone can give insight in to how pigs are similar to people not only physiologically, but also behaviorally.

PHYSICIAN RETENTION--The Texas Tech School of Medicine is helping to supply physicians to desperately underserved rural areas of West Texas. Medical school Dean J. Ted Hartman says that resident physicians tend to practice within 100 miles of where they do their advanced training.

KIDNEY MACHINES--Internal medicine Professor Sandra Sabatini has discovered that the flexible plastic commonly used in medical tubing can have adverse effects on some kidney dialysis patients making the procedure impossible.

SLEEP CENTER--A new sleep center has been established to deal with a number sleep disorders. Department of Medical and Surgical Neurology Chairperson Gustov Roman has details.

BURN PREVENTION--Nursing professor Suzanne Cooke is a burn treatment expert that can offer tips on how to help prevent burns in the home. She also can offer tips on how to treat those burns.



NEW CITIES--What if you could just start from scratch to build a modern city? Instead of watching a city evolve around an older core, what if a city could be developed from the beginning from a master plan looking years into the future? It's happening in the People's Republic of China and professors in the Texas Tech College of Architecture have been instrumental in that work.

REPRODUCTION KNOWLEDGE--Health Sciences Center and Texas Tech biologists, anatomists and animal scientists are combining forces to explore the mysteries of the reproduction cycle in humans and food animals.

COMPUTER FUTURE--A new state of the art computer lab in the College of Home Economics includes the capability for computer-assisted design classes and restaurant/hotel management teaching.

SMALL BUSINESSES--The Small Business Development Center at Texas Tech University assists entrepreneurs in a 95-county West Texas area with management assistance, counseling, training, information transfer and special programs.

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CONTACT: B. Zeeck

14-1-23-87

LUBBOCK--L. Joseph Sanders has been named director of the Office of News and Publications (N&P) at Texas Tech University and the Texas Tech University Health Sciences Center, effective Feb. 23. The announcement was made Friday (Jan. 23) by Texas Tech President Lauro F. Cavazos.

Sanders is director of University Relations, Auburn University at Montgomery. He is expected to assume his new duties about Feb. 23. At Texas Tech, he will succeed Beatrice T. Zeeck, who is retiring Jan. 31. Assistant N&P Director Jerry D. Kelly will be interim director until Sanders takes office.

Sanders has held his present position since 1983. For 10 years prior to that he was director of communications for the Child Development Institute, University of North Carolina at Chapel Hill and served also as a faculty member and director of communications of the Bush Institute for Child and Family Policy at the North Carolina university.

He was assistant to the county manager in Wake County, North Carolina, from 1971 to 1973. Earlier he was a local government reporter for the Raleigh, N.C., News and Observer. For one year he was interim editor of the weekly Butner-Creedmoor News.

Sanders holds the bachelor's degree in journalism, awarded with honors by the University of North Carolina-Chapel Hill, and the master's degree in journalism and communications from the University of Florida-Gainesville.

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He also is a graduate of the UNC School of Business Administration Management Development Program. He was awarded the "Outstanding Graduate Award" presented by the faculty of the North Carolina Institute of Government and the "Citation for Achievement" awarded by the faculty of the UNC School of Journalism to its outstanding senior.

He has held various posts with the Montgomery Area United Way, was a founding member and director of the World Affairs Council of Montgomery; treasurer, Montgomery Chapter, Public Relations Council of Alabama; member, Executive Committee, Board of Directors, Central Alabama Rehabilitation Center; president, North Carolina Triangle Chapter, International Association of Business Communicators; and membership chairman, UNC School of Journalism Alumni and Friends.

Articles by Sanders and co-authors have appeared in such publications as "Currents," published by the Council for the Advancement and Support of Education, "The Educator," "Journal of Organizational Communication," "Parents' Magazine," and "Educational Researcher." The International Children's Centre, Paris, published in its "Courrier" an occasional paper written by Sanders and co-author J. J. Gallagher on stimulation in early childhood. He also has written for the Parents' Magazine audio/filmstrip series.

# Texas Tech News

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15-1-23-87

EDITORS' AND NEWS DIRECTORS' ADVISORY: Before I retire Jan. 31, I wish to thank each of you and your staffs for helping to make my job during the last nineteen and a half years a most pleasant experience. Your understanding of both the role and limitations of the Office of News and Publications has been helpful. I appreciate also the effort your organizations have put forth to report accurately the events and progress of Texas Tech University and the Texas Tech University Health Sciences Center. I'm confident you will enjoy an excellent working relationship with my successor, Joe Sanders, and will continue to find the N&P staff prompt in responding to your requests.



Bee Zeeck