

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: Preston Lewis

1-3-16-87

LUBBOCK--The vice president and director of technology for the Bendix Aerospace Sector of Allied Signal Inc. will deliver the third address March 24 in the Halliburton Distinguished Lecture Series this semester in the Texas Tech University College of Engineering.

Lawrence C. Kravitz will speak on "A Technologist's View of the Aerospace Industry" at 4:30 p.m. March 24 in the Lankford Lab of the Electrical Engineering Annex. The program is free to the public.

Kravitz is a former director of research for the U.S. Air Force, overseeing research in both the United States and Europe. He was also Director of Electronics and Materials Research with management responsibility for Air Force research in lasers, microwave devices, electro-optics, gallium arsenide, superconductors, metals and ceramics.

Kravitz also served as a special assistant on synthetic fuels to the Secretary of the Air Force and as a U.S. technology delegate to NATO.

The final spring Halliburton speaker will be Allen J. Wright, manager of automation applications for Intelledex Inc., on April 21.

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

LUBBOCK--English Gothic architecture will be the topic of a lecture at 11 a.m. Tuesday (March 24) at The Museum of Texas Tech University.

Texas Tech architecture Professor Elizabeth Skidmore Sasser will discuss features of English architecture from the 13th through 16th centuries at the weekly art seminar sponsored by the Women's Council of the West Texas Museum Association (WTMA).

Registration and coffee begin at 10:30 a.m. Admission is \$3.

Dr. Sasser said English Gothic architecture includes three phases -- English lancet style, decorated style and perpendicular style. The lecture will be primarily about perpendicular.

"This late phase arose out of the search for light," she said. "It culminated in increasingly large window areas which were divided into rectilinear panels using very strict geometrical designs."

She will show slides she took two years ago on a trip to England to study Gothic cathedrals.

The lecture is part of "Art through the Ages," the 26th year of art seminars held by the Women's Council. This spring the seminar is a study of the Renaissance in Spain and England.

For more information, contact WTMA at (806) 742-2443.

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CONTACT: Beverly Taylor

3-3-16-87

LUBBOCK--Arthritis, hypertension and osteoporosis will be the focus of free public lectures March 25-26 at the Texas Tech University Health Sciences Center (TTUHSC).

The lectures will be from 1-5 p.m. The March 25 seminar will be in TTUHSC, Room 5A100, and the March 26 session will be in TTUHSC, Room 4A100.

The sessions are part of a professional development institute March 24-27 for trainees and faculty associates involved in the Texas Consortium of Geriatric Education Center (TCGEC) grant. Only the afternoon sessions March 25-26 are open to the public.

Focus of the March 25 seminar will be arthritis and hypertension. Osteoporosis will be studied March 26. Topics of discussion both days will be epidemiology, prevalence, clinical course, treatment and current research.

Lecturers will include professors from Baylor College of Medicine, which directs the \$1.5 million grant, and other consortium members. The purpose of the consortium is to train health care professionals to better understand health problems of the elderly.

Other member institutions are the Texas Tech Health Sciences Center, North Texas State University, Texas Southern University, University of Houston, University of Texas Health Sciences Center, University of Texas Medical Branch, Pan American University and Trinity University.

For more information, contact Karen Smith at (806) 743-3229.

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CONTACT: K. Hopper

4-3-16-87

LUBBOCK--The All-University Conference on the Advancement of Women in Academia March 27 at Texas Tech University will feature the president of Texas Woman's University, Dr. Shirley Sears Chater, who will discuss "Creating Options and Opportunities."

Chater's speech during a noon luncheon in the University Center (UC) Coronado Room will precede afternoon skills development workshops scheduled from 1:30-5 p.m. in the UC Mesa and Blue Rooms. Texas Tech faculty members will present sessions covering academic research, grant proposal writing, academic publishing and teaching skills.

Sponsored by the Women's Studies Program, the conference is the third at Texas Tech and is open to all faculty members, graduate students and administrators at Texas Tech and area colleges and universities.

Dr. Chater, former vice chancellor for academic affairs at the University of California (UC), San Francisco, was senior ranking woman in the University of California system before moving in 1986 to Texas Woman's University (TWU). Her background is in administration of higher education, management and nursing.

Texas Woman's University is the nation's largest university for women and is the largest provider of nursing and allied health professionals in Texas.

Dr. Chater served in 1986 as the senior associate for the Association of the Governing Boards of Universities and Colleges, Presidential Search Consultation Service in Washington, D.C.

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From 1973 to 1986 Chater held joint appointments as professor both in the Department of Social and Behavioral Sciences, School of Nursing, at UC-San Francisco, and in the School of Education at UC-Berkeley. She also was an associate with the American Council on Education, Division of Academic Affairs and Institutional Relations.

Author of publications on academic administration, research methodology and health sciences, Dr. Chater serves on advisory committees of the Kellogg Foundation and the Robert Wood Johnson Foundation. She has been named to the Institute of Medicine of the National Academy of Sciences and has served on the governing boards of several health centers nationwide, including Massachusetts General Hospital and the Duke University Health Sciences Center.

TWU, an 85-year-old institution, includes a main campus in Denton and health science centers in Dallas and Houston. About 8,200 students, whose average age is 32, are enrolled in the TWU system which offers bachelor's, master's and doctoral degrees. Of the 500 faculty at TWU, 66 percent are women, and 75 percent of the administrators are women.

Registration deadline for the luncheon, which costs \$8, is March 23. The workshops are free. For information, contact the Division of Continuing Education at 742-3797.

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5-3-17-87

LUBBOCK--Nine experts will discuss medical physics in a symposium March 26 at Texas Tech University.

The first Donald J. Arnold Symposium on Medical Physics, sponsored by the Texas Tech Department of Physics, will be from 9 a.m. to 5 p.m. in Science Building, Room 57. The symposium was named by physics Professor R.W. Mires in memory of Donald J. Arnold, who received a degree from the Physics Department in 1970 and worked two more years in the department as a postdoctoral fellow. He died of cancer in 1986 while working as a medical physicist at M.D. Anderson Hospital in Houston.

The symposium is open free to Texas Tech students, area physicians and health care professionals and the public. Medical physics, a branch of medicine which uses physics, includes radiology, sonar detection, radiation therapy, nuclear medicine and most diagnostic instruments.

Opening remarks by Texas Tech officials will begin at 9 a.m.

The first session, from 9:30-10:30 a.m., will include lectures by Dr. Alan Huddleston, Texas Tech University Health Sciences Center (TTUHSC) radiology and biomedical engineering professor, and Dr. Alfred R. Smith of the Department of Radiation Therapy at the Hospital of the University of Pennsylvania in Philadelphia. Huddleston's topic will be "The Role of Medical Physics in Diagnostic Radiology." Smith will present "Research Frontiers in Medical Physics."

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From 11 a.m. to noon, Dr. Benjamin R. Archer of Baylor College of Medicine, Houston, will discuss x-ray techniques in "Diagnostic Bremsstrahlung Spectral Reconstruction using a Laplace Transform Pair Model" and Dr. Leroy J. Humphries, a radiation physics consultant for CNMC Co./P.R.M., Inc., in Amarillo, will talk about diagnostic instruments in "Dosimetric Instrumentation: Electrometers, Ion Chambers and Connecting Cables."

Speeches from 1:30-3 p.m. will include Dr. S.M. Shah, St. Mary's Medical Center, Evansville, Ind., "High Dose Remote Afterloader: A New Approach in Radioactive Implant Therapy;" and Dr. Calvin P. Myers, St. Luke's Hospital, Kansas City, Kan., "Medical Image Processing Applied to Nuclear Magnetic Resonance."

Also speaking in the afternoon session will be Sunanda Mitra, Texas Tech electrical engineering professor, "Fast Image Registration Algorithms for Automated Analysis of Medical Images;" W.H. Fry, TTUHSC instructor and Methodist Hospital physicist, "One English Physicist's View of the Place of Physics in a Hospital Setting" and Dr. Frank Holly, TTUHSC ophthalmology professor, who will summarize the day's presentations.

An informal discussion is scheduled from 3-5 p.m.

For more information about the symposium, contact symposium chairman M.A.K. Lodhi of the Physics Department at (806) 742-3767.

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6-3-17-87

(MEDIA ADVISORY--Release No. 16-3-13-87 mailed to you last Friday contained a misspelled name which should be corrected should you decide to use the release on antibiotics. The correct spelling is Dr. Rial D. Rolfe, who is a Texas Tech University Health Sciences Center professor of microbiology. Thank you for attending to this correction.)