

July 1-5, 1985

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# Texas Tech News

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

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CONTACT: Darla Hightower

1-7-1-85

LUBBOCK--Leading home economists from across the nation will meet at Texas Tech University July 7-12 for a national Workshop for Mid-Career Home Economics Administrators.

Image and program development in a fast-changing field is the emphasis for the conference featuring keynote speaker Nancy Harvey Steorts, former chairman of the United States Consumer Product Safety Commission. Steorts will speak at noon July 9.

"Home economics is a fast-changing field that is closely attuned to the changing needs of families and individuals," said Texas Tech Home Economics Dean Elizabeth G. Haley. "Home economics is closely tied to business and industry in preparing graduates for a variety of jobs."

The workshop will attempt to polish the skills important to administrators in all areas of home economics, Haley said.

Among other speakers will be Nancy Belck, dean, College of Home Economics, University of Tennessee-Knoxville; Jay Stauss, associate dean, College of Home Economics, University of Tennessee-Knoxville; Jennie Kitching, assistant director, Texas Agricultural Extension Service, Texas A&M University; Joan McFadden, executive director, American Home Economics Association; Virginia Moxley, chair, Division of Sociology, Family Sciences and Anthropology, Emporia State University; Judy Kuipers, academic vice president, California State University-Fresno; and Virginia Trotter, vice president of academic affairs, University of Georgia.

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Also speaking will be Peggy Meszaros, associate dean, Oklahoma State University; Shirley O'Brien, state leader, Cooperative Extension Service, University of Arizona; Phyllis Tortora, chair, Department of Home Economics, Queens College; Nancy Saltford, associate dean, College of Human Ecology, Cornell University; Martha Williams, dean, School of Social Work, The University of Texas-Austin; Van Oliphant, executive assistant to the president for university advancement and public service, Memphis State University; Jane Lillestol, dean, College for Human Development, Syracuse University and Gail Imig, program director, Home Economics Extension, University of Missouri-Columbia.

Steorts is president of Nancy Harvey Steorts & Associates, a business consulting firm in Dallas. The firm develops plans to help solve public policy issues which have an impact on business.

The meeting is the third national conference for administrators since 1971. Speakers from throughout the nation will address such topics as leadership -- styles and strategies; strategic planning -- goal setting for achievement; resource accountability; articulating program needs to central administration; marketing academic and extension programs; personnel development and evaluation; the academic grid; conflict management/communication and university politics; fund development; and legal issues.

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CONTACT: R. Gary Cates

3-7-2-85

LUBBOCK--Texas Tech University speech and hearing sciences graduate student Melissa Blocker has been named recipient of the 1985 National Student Research Award by the American Speech-Language & Hearing Association (ASHA).

Blocker was selected for the \$100 award based on her master's thesis study, "Syllable Structure Changes and Fricative Simplification Patterns in the Hearing-impaired Child." The ASHA each year selects students to receive the award for illustrating outstanding research methodology.

Blocker was awarded the master's degree by Texas Tech in 1984. She is employed by the Permian Basin Vocational Rehabilitation Center, Odessa.

Dr. Marcia Weber-Olsen was Blocker's thesis director and faculty co-sponsor.

The award will be presented at the general session of the South Central ASHA conference July 5-8 in San Antonio.



CONTACT: Sally Logue Post

7-7-2-85

LUBBOCK--Texas Tech University will be host for the Texas 4-H Congress July 7-11. The meeting will bring together 4-H sponsors, district officers and county delegates from across the state.

The five-day conference will feature an issues assembly, fashion show and tours of Texas Tech agricultural facilities. Over 450 delegates are expected to attend.

Keynote speaker for the meeting will be sculptor Jay Hester. Dr. Don Newbury, president of Western Texas College, will give the concluding speech July 11.

Delegates will have an opportunity to hear expert views on issues important to the agricultural industry. Topics will include labor concerns; chemical and environmental controversies; farm legislation; the family farm; international law and trade; and agricultural production and consumerism.

Winners of district fashion show competitions will model their creations during a fashion show at 8 p.m. July 10 in the University Center's Allen Theater. The fashion show is open to the public.

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CONTACT: Preston Lewis

8-7-2-85

LUBBOCK--The vice president for technology of one of the nation's largest utility companies will speak on nuclear energy when he delivers the Halliburton Distinguished Lecture July 11 in the Texas Tech University College of Engineering.

Robert E. Uhrig, vice president, advanced systems and technology, for Florida Power and Light (FP&L) will lecture on "St. Lucie 2: A Nuclear Plant Built on Schedule." The lecture will begin at 4 p.m. July 11 in the Lankford Demonstration Laboratory of the Electrical Engineering Building. The public lecture is free. Parking will be available in any lot for this lecture.

Uhrig's FP&L responsibilities encompass environmental licensing and planning and corporate-wide research and development. Uhrig oversees siting for the company's generating plants and transmission lines. FP&L has extensive research programs in combustion of coal-water mixtures, coal cleaning, pressurized fluidized bed combustion systems, photovoltaics, environmental research, energy storage and load management.

Previously, Uhrig's responsibilities included FP&L's nuclear quality assurance program, quality improvement program, nuclear licensing, nuclear analysis and general engineering. For 11 years he was chairman of the company's Corporate Nuclear Review Board.

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He has served as chairman of the National Academy of Sciences/National Research Council Committee on Nuclear Manpower requirements, of the Atomic Industrial Forum's Domestic Safeguards Committee and of the Three Mile Island Reactor Operator Retraining Program Review Committee. He is a former board member of the American Nuclear Society.

From 1968 until 1973 when he joined FP&L, Uhrig was dean of the University of Florida College of Engineering and director of the university's Engineering and Industrial Experiment Stations. For eight years he was chairman of the university's Department of Nuclear Engineering. He also has taught at Iowa State University and the U.S. Military Academy.

Uhrig holds a bachelor's degree in mechanical engineering from the University of Illinois and master's and doctoral degrees from Iowa State.

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



Tip Sheet  
Week of July 7-13, 1985  
9-7-5-85

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

# Radio & Television New Service

**THE FIRST PART'S OVER--**The last day of classes for the first semester of summer school at Texas Tech University is Wednesday, July 10 and final examinations are set for July 11 and 12. Second semester registration for new students will be Friday and Monday, July 12 and 15. For more information contact UN&P, 742-2136.

**MAJOR MEETING--**Eighty home economists from across the nation are participating in a Mid-Career Home Economics Administrators Workshop July 7-11. Author of several books on child abuse, Shirley O'Brien is among the participants. You are reminded of a news conference for O'Brien Tuesday, July 9 at 3 p.m. in the lounge outside room 169, Home Economics building. For more information contact Dr. Steve Jorgensen, 742-3031.

**OPEN HOUSE--**The public is invited to an open house at Lubbock Lake Site 9 a.m. to 3 p.m. Saturday, July 13. There will be demonstrations of bead-making and pottery-making as well as other crafts, and children will be entertained with Indian games. For more information contact April MacDowell, 742-2479.

**PIGS IN STRESS--**Hogs that produce a lean pork product are more susceptible to Porcine Stress Syndrome (PSS). That's suggested by Texas Tech Animal Science professor Leland Tribble. Dr. Tribble and other researchers will discuss this and other topics at the 33rd Annual Texas Tech Swine Short Course, July 11 in the Livestock Arena. Contact Dr. Tribble at 742-2826.

**INSTANT PORK CHOP--**Texas Tech University animal science researchers are hoping to produce a table ready pork product for consumer usage by the middle of next year. Professor C. Boyd Ramsey suggests the product, different from ham, will be able to compete with beef and chicken fast food products. Contact Dr. Ramsey at 742-2805.

**ENERGY EXPERT--**Delivering the Halliburton Distinguished Lecture at 4 p.m. Thursday, July 11 in the Texas Tech College of Engineering Lankford Lab is Robert E. Uhrig, a vice president for Florida Power and Light. Among many other nuclear energy involvements, Uhrig was chairman of a review committee for Three Mile Island. Contact Mary Bacon for more information, 742-3451.

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FARM DISCUSSIONS--Approximately 500 4H council members are expected to attend the 1985 Texas 4H Congress at Texas Tech University July 7-12. At assemblies on Wednesday, July 10, labor concerns, family farms and international laws are among the issues to be discussed. For more information contact Dr. Marvin Cepica (pronounced seh-pee-sa), 742-2808.

For assistance with developing these and other story ideas, contact Mark Davidson/  
Jane Prince Jones, 742-2136.

CONTACT: Sally Logue Post

10-7-5-85

LUBBOCK--Potassium shortages in livestock can decrease production efficiency, according to a Texas Tech University professor.

Thornton Distinguished Professor Rodney L. Preston of animal science said the need for potassium in livestock nutrition has been known since the late 1800s, but it has only recently been shown to play an important role in production livestock at critical times during feeding.

Preston will discuss the importance of potassium in animal nutrition during the International Symposium on Potassium in Agriculture July 7-10 in Atlanta, expected to attract scientists from around the world.

Included will be sessions on potassium reserves and mining, soils, fertilizers, plant requirements, human and animal nutrition and potassium nutrition for maximum economic crop production.

Preston said, because potassium content varies in different feeds, it is difficult to determine if adequate supplies exist without analyzing the feed. While hays, silage and pasture forages generally contain ample supplies of potassium, Preston said mature and weathered forages can be deficient.

Grains are also low in potassium and should be combined with potassium-rich protein supplements like soybean or cottonseed meal, especially when fed to poultry and swine, Preston said.

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Preston noted that cattle and sheep have much higher potassium requirements than do poultry and swine. For this reason, Preston said producers should be aware that feeding cattle and sheep on low roughage, high grain rations, increases the chance of potassium deficiency.

"Potassium deficient animals markedly reduce their feed intake, are stiff and have difficulty walking, become emaciated and have a humped back stance. Eventually, severe potassium deficiencies can result in death.

"Animals that are marginally deficient in potassium will have reduced growth rates or milk production levels, but may only exhibit a mild degree of potassium deficiency symptoms," Preston said.

He also pointed out that certain conditions such as higher environmental temperatures and the stress of shipping can increase the amount of potassium required by livestock.

When additional potassium is required, Preston said that it can be supplemented as potassium chloride or potassium-magnesium sulfate.

"Because potassium is important in animal nutrition livestock producers should be sure that animal rations contain adequate potassium," he said. "Marginal deficiencies will reduce production and feed efficiency and major deficiencies will cause acute symptoms, including death."

CONTACT: Deborah Palmer/P. Lewis

11-7-5-85

LUBBOCK--Continuing Education courses for all ages will be offered at Texas Tech University during July.

Teachers can fulfill their in-service or continuing education requirements by participating in "Summer Workshops for Teachers." More than a dozen comprehensive workshops are available in educational administration and supervision, higher education, secondary education, special education and early childhood/elementary education.

Each workshop offers one hour of graduate credit, 1.2 Continuing Education Units or in-service compensatory time when acceptable. Workshops run from two to five days. Cost is \$50 per workshop.

Gifted and talented youth entering grades nine through 12 can participate July 12 through Aug. 3 in "Shake Hands With Your Future," a two-week, residential program designed to enhance their academic experience.

"The Shake Hands" academic curriculum is supplemented by field trips, lectures, counseling sessions and recreational activities. The \$595 registration fee includes room, board and all activities.

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Youth ages 10 and older can improve their knowledge and enjoyment of baseball during "Red Raider Baseball Camp." Group and individual instruction will be provided in all offensive and defensive positions with special emphasis on hitting. Sessions will meet July 14-18 and July 28 through Aug. 1. The \$190 registration fee includes room and board. A \$130 rate is available for commuting participants.

For additional information or to register, contact Helen Otken, Division of Continuing Education, Box 4110, Texas Tech University, Lubbock, Texas 79409, (806) 742-1523.

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12-7-5-85

LUBBOCK--The 1985 "Football Rules Clinic" will be conducted July 26-27 at Texas Tech University.

Instructors will be John Adams, past chairman of the National Collegiate Athletic Association (NCAA) Football Rules Committee and supervisor of the Football Officials Western Athletic Conference, and David Nelson, secretary-editor of the NCAA Football Rules Committee.

Sponsored by the Division of Continuing Education and Department of Health, Physical Education and Recreation, the clinic will meet in Home Economics Building, Rooms 111 and 169.

On-site registration will be 6:30-7 p.m. July 26 and 7:30-8 a.m. July 27 in the El Centro area of Home Economics. Sessions will meet 7-9 p.m. July 26 and 8 a.m. to noon and 1:15-6 p.m. July 27.

The clinic will cover interpretations and application of 1985 rule changes and mechanics of good officiating.

Registration prior to July 22 is \$20, and \$25 afterwards. The workshop counts three points on the Southwest Officials Association Summary Sheet for 1985.

For more information and to register, contact Helen Otken, Division of Continuing Education, Box 4110, Texas Tech University, Lubbock, Texas 79409, (806) 742-1523.



CONTACT: Deborah Palmer/P. Lewis

13-7-5-85

LUBBOCK--A new motorcycle rider course for beginning and experienced riders is being offered in eight sessions in July through October at Texas Tech University.

Developed by the Motorcycle Safety Foundation, the course teaches participants how to ride safely in traffic. The 20-hour course consists of eight hours of classroom instruction and 12 hours of on-cycle instruction. Classes will meet in the Law School, Room 203.

Youth between the ages 15 and 17 must have completed the 32-hour classroom phase of driver education. Any adult with a valid driver's license also may enroll. Successful completion of the course will license the participant to ride on a motorcycle larger than 125cc and will allow the student to a motorcycle insurance discount of up to 10 percent.

Motorcycles, helmets, insurance (while attending class), gas and oil will be provided. Participants must provide long pants/jeans, long sleeve shirt, gloves and boots or high-topped, hard sole shoes and face shields.

Sponsored by the Texas Tech Division of Continuing Education, Department of Public Safety and Lubbock Driving School, the class will meet July 11-14, July 25-28, Aug. 8-11, Aug. 22-25, Sept. 12-15, Sept. 26-29, Oct. 10-13 or Oct. 24-27. Each class will meet 5-9 p.m. on Thursday and Friday, 9 a.m. to 5 p.m. on Saturday and 1-5 p.m. on Sunday. Cost is \$50.

For additional information and to register, contact Helen Otken at the Division of Continuing Education, Box 4110, Texas Tech University, Lubbock, Texas 79409 (806) 742-1523.



CONTACT: Darla Hightower

14-7-5-85

(MEDIA ADVISORY: You are invited to attend a news conference for child abuse expert Shirley O'Brien at 3 p.m. Tuesday (July 9) in Home Economics Building, Room 102.

O'Brien is home economics extension program director at the University of Arizona. She is among 80 leading home economists nationally who will be participating in a Mid-Career Home Economics Administrators Workshop July 7-11.

O'Brien has written several books on child abuse including "Child Abuse: A Crying Shame" and "Child Pornography." She has done extensive research in child abuse, family disruption, child development and human relations.

To arrange interviews with other speakers, call Dr. Gail House, 742-1941 or the College of Home Economics Dean's office, 742-3031.

Other workshop speakers and their principal areas of expertise include Nancy Harvey Steorts, former chairman, U. S. Consumer Product Safety Commission, consumerism; Van N. Oliphant, Memphis State University, conflict management and time management; Judith L. Kuipers, California State University-Fresno, parent education; Gail Lockwood Imig, University of Missouri-Columbia, family lifestyles; Joseph H. Stauss, University of Tennessee-Knoxville, Indians and urban development; Phyllis Tortora, Queens College, fashion; Joan R. McFadden, Utah State University, vocational education; and Peggy S. Meszaros, Oklahoma State University, computers.)