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TexasTech News

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

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ATTENTION: Art Editors

LUBBOCK--In an article on "Artist Hopid" in the June issue of "Southwest Art," Dr. Elizabeth S. Sasser, Texas Tech University architectural history professor, explores the work of contemporary Hopi artists.

The Artist Hopid was formed in 1973 on the Hopi Reservation on the Three Mesas in Arizona to use arts and crafts to awaken a sense of pride and identity among the Hopi, research and document the Hopi and teach Hopi traditions to Hopi children.

Sasser said art has always been an integral part of Hopi life and the new movement illustrates its continuing importance. The Artist Hopid studied Awatovi murals painted by their ancestors of 1,200 years ago to continue the Hopi ceremonial interpretation of the past in a new way and new format.

The selection of subjects from common sources of age-old motifs helps the Artist Hopid maintain continuity between their past and the modern pueblo world, Sasser said.

"Although each painter/craftsperson among the Artist Hopid has his own personal style, each is influenced by the selection of subjects from common sources," Sasser said.

"The patterns used on baskets and pottery are a dominant element in paintings by the Hopid group," she said. "The selection of these age-old motifs suggests the vitality of the Hopi spirit, which maintains a continuity between the past and the modern world.

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More than 10 color illustrations emphasize Sasser's comments.

"The Artist Hopid members are illustrating through their own example," Sasser said, "that art is, and always has been, a way of life for the Hopi. They draw inspiration from their traditions and ceremonies. They are conservative because the Hopi is conservative. They want to preserve their history for the future and to immerse themselves in their spiritual heritage."

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LUBBOCK--Late spring and summer rains which devastated croplands in West Texas have transformed uncultivated areas into bright, blooming patches of wildflowers.

One of the best places to see them is the 14-acre Ranching Heritage Center of The Museum of Texas Tech University where groundskeepers carefully leave unmowed patches to Mother Nature and her ways.

There are cultivated red yucca but also bright spots of wild, lavender Tansy asters -- otherwise known as Tahoka Daisies or *Machaeranthera tanacetifolia*.

Botanist David K. Northington points out that it is difficult to describe wild plants by their common names "because everybody has a different name for the same plant."

What is Mexican hat in East Texas, for instance, is a prairie cone flower in West Texas. Its Latin name is *Ratibida columnaris* and it is known by that name even in Europe where gardeners cultivate it.

The Verbena that grows wild in Texas is one flower recognizable to almost any gardener, however. It is smaller than the cultivated verbena and comes only in one shade -- pink-toned lavender.

"West Texas wildflowers are commonly less spectacular than the flowers of other areas of the state," according to Dr. Northington, a member of the Texas Tech University biological sciences faculty and director of the Texas Tech University Center at Junction.

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WILD FLOWERS/ADD ONE

No bluebonnets grow wild on the western plains, for instance, and the showiest blooms may be the white, waxy flowers on the tall bear grass (*Yucca*) stalks.

For some of the other wildflowers, you have to look closely.

Northington called attention to the ground cherry *Physalis* *vicosa* -- with its bell-shaped pale yellow bloom almost hidden under its leaves -- and the delicate *Stephanomeria* with its sticklike foliage speckled with lavender-blue flowers.

Common in most areas of Texas is Trompillo, called by many the silver leaf nightshade and cultivated by gardeners where it won't grow wild. It, too, has a bell-like lavender flower with a deep, butter-yellow center. Seed pods are hard little decorative spheres, making the plant attractive in each of its seasonal stages.

There are the yellow daisies of several varieties, the tiny lazy daisies, the yellow and the pink evening primroses, and the *Shrankia*, or sensitive briar, with its spherical pink flowers.

Of special interest at the Ranching Heritage Center are plants and trees brought to the site because they relate to one or more of the historic structures restored there.

There are red oaks and live oaks, mistletoe, pecan trees, small leaf elms and, by the picket and sotol house, the sotol plant -- with the stalk used by Indians and pioneers to build -- and several clumps of sacahuiste grass, which furnished the material to thatch the picket and sotol house roof.

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LUBBOCK--Dr. John R. Darling, Texas Tech University vice president for academic affairs, has announced the appointment of search committees for three deans. In addition, a search is underway for an assistant vice president for computing services within the office of Finance and Administration.

Searches are underway for deans of the colleges of Arts and Sciences, Education and Engineering.

Dean Lawrence L. Graves of Arts and Sciences and Dean Robert A. Anderson of Education have announced they will step down Aug. 31, 1983. Dr. John R. Bradford, dean of the College of Engineering for more than 26 years, was named vice president for development in March.

An on-campus search for the assistant vice president for computing services was initiated June 18 with nominations due by July 2. Dr. Jerry D. Ramsey, chairman of that search committee, said that if a successful candidate is not found on campus, the search will be opened nationwide.

He said the newly created position results from recently approved changes in the operating policy and organization for computing services at Texas Tech University.

Reporting to the new officer would be the directors of the Computing Center, Administrative Information Systems and the Academic User Support Group. In addition the assistant vice president would work closely with the Computer Users Steering Committee.

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SEARCHES/ADD ONE

Ramsey said search committee members are: Dr. Jerry D. Berlin, professor, biological sciences; Dr. Donald L. Gustafson, associate professor, electrical engineering and computer science; Dr. A. William Gustafson, associate professor, family management, housing and consumer science; Dr. Stephen C. Hora, associate professor, business administration; and Jay W. Lindsey, director of investments.

Named to head the search committee for a dean of Arts and Sciences was Dean Samuel E. Curl of the College of Agricultural Sciences. On the search committee with him are Dr. Thomas A. Langford, associate dean, Graduate School; Dr. Otto M. Nelson, associate professor, history; Dr. Earlene T. Paynter, associate professor, speech pathology and audiology; Dr. Henry J. Shine, Horn Professor, chemistry; Dr. Richard A. Weaver, professor and director, theatre arts; and Doyle Calfy, president, Arts and Sciences Student Council.

Dr. J. Knox Jones Jr., vice president for research and graduate studies and dean of the Graduate School, chairs the search committee for a dean of the College of Engineering. Serving with him are: A. Dudley Thompson, professor and assistant chairman, architecture; Dr. Marion O. Hagler, Horn Professor, electrical engineering; Dr. Herbert J. Carper Jr., associate professor, mechanical engineering; Dr. Richard A. Dudek, Horn Professor and chairman, industrial engineering; Chuck M. Graves, president, Engineering Student Council; and Chester A. Green, Parkhill, Smith and Cooper Consulting Engineers.

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SEARCHES/ADD ONE

Dean Elizabeth G. Haley of the College of Home Economics, chairs the search committee for education dean. Also on the committee are: Dr. Julian L. Biggers Jr., professor, educational psychology; Dr. John R. Nevius, associate professor, early childhood and elementary education; Dr. Virginia M. Sowell, associate professor, special education; Dr. L.G. Butler, associate professor, curriculum and instruction, specializations; Ed Irons, superintendent, Lubbock Independent School District; and Melody Phillips, president, Education Student Council.

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CONTACT: Rebecca Rhoten

LUBBOCK--More than 1,300 students will attend the 49th Annual Band Camp July 11-23 at Texas Tech University.

Junior and senior high school students from the United States and Canada will perform and take classes such as conducting, drum majoring, flag and rifle handling, jazz band, marching, twirling and bassoon and oboe reed making.

More than 150 faculty and staff members from Texas Tech and professionals from Virginia, Maryland, Wisconsin and Washington D.C. will teach the students.

James Sudduth, director of bands at Texas Tech, will be camp director and director of the top concert band. Sudduth has previously directed the "Wildcat" Marching Band at Northwestern University in Evanston, Ill., and taught at Mackenzie Junior High and Coronado High School in Lubbock.

Sudduth received his bachelor's and master's degrees in music education from Texas Tech. He has more than 300 marching arrangements to his credit.

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CONTACT: Jerrold Broussard

LUBBOCK--Texas Tech University will present the third annual Summer Carillon Concert Series on five Sunday nights during July and August.

All concerts are free and will be presented on the Texas Tech campus near the west tower of the Administration Building. The public should bring lawn chairs or blankets for each performance.

The concerts and their featured players include: July 18, George Matthew; Aug. 1, Dr. Judson Maynard; Aug. 8, Lee Andrews; Aug. 15, Dr. C. Roy Wilson; and Aug. 22, Norman Goad.

The instrument is a Van Bergen-Paccard Carillon, which includes 36 bells, the largest weighing more than 800 pounds. The lower register of the bells was cast in Heiligerlee, Holland, and the upper register was cast in Annecy-Lee-Viex, France.

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ATTENTION: Family News Editors

LUBBOCK--Americans are learning more and more about the family from infancy to old age.

Workshops and seminars on human development across the life-span are increasing for those in service professions and for the public interested in enhancing life at all stages.

In one recent seminar at Texas Tech University, topics ranged from learning for infants from six-weeks-old through 18-months-old to creative potential and marriage in old age.

Other subjects included custody arrangements in the child's best interest and coping skills for working mothers.

Mabel Jarret of Hobbs, N.M., a teacher, said, "Infants are no longer regarded as little blobs that don't learn anything. We now know they begin learning very close to birth."

Nancy Ridenour, a registered nurse and nursing professor, investigated the potential of the elderly. To illustrate what they can achieve, she played musical pieces performed or directed by senior citizens Andres Segovia, Arthur Fiedler and Pablo Cassals. Artworks created during the ebb of life by such masters as Pablo Picasso, Paul Cezanne, Pierre Renoir, Claude Monet and Henri Matisse were presented.

A "Dear Abby" letter about nursing home romances sparked Kathy Baumwart's research on the elderly relating to the opposite sex. She said older adults are often hindered from expressing sexual feelings or remarrying late in life because of social attitudes, children, declining health and seeing themselves as unattractive.

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For those who do marry in their 60s to 80s, Baumwart said, studies show most are happy. Happiness for men is usually based on internal aspects -- love and companionship -- while for women, it is usually related to external aspects -- environment, house and social status, she said.

Becky Glover, a paralegal with Lubbock Legal Aid Society, presented some aspects of long-term research for a thesis and future clinical counseling about custody. She said she will weigh the advantages and disadvantages of joint custody and single-parent custodies. She also wants to see if all children at some time experience the isolation, anger, blame, fear, loyalty conflicts and loss of a psychological parent, commonly attributed to only children of divorce.

Roberta Buck of Lubbock and Vicki Ellison of Ralls, both school teachers and mothers, explored that particular lifestyle.

They said coping involves freedom from guilt, good time management, stress relief, sharing the workload, replacing quantity time with quality time, and relying on community-shared resources.

Research cited 15 million American working mothers, six million with children under age six, and revealed no constant difference between children of employed and unemployed mothers.

The two said research did not support the myth that working mothers will have broken marriages and emotionally deprived children.

Class participants will develop programs or projects in their communities and professions as an outgrowth of the seminar.

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TIME OUT FOR LOVE--Texas Tech University graduate students Roberta Buck of Lubbock and Vicki Ellison of Ralls discuss working mothers, providing quality time with children, the "superwoman syndrome" and the "good mother" myth. Posters and a specially designed T-shirt help get the message across during a home economics seminar. The two plan to conduct workshops for others who juggle jobs with home and children. (TECH PHOTO)

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LUBBOCK--Microcomputers, on the farm and in the home, will be the subject of the Texas Chapter, American Society of Farm Managers and Rural Appraisers meeting July 8-10 at the Granada Royale Hometel in Lubbock.

U.S. Congressman Kent Hance will address program participants at a banquet 8 p.m. Friday. Meetings are free and open to the public with a \$10 fee for the banquet.

Serving on the society's summer meeting planning committee is Chairman Rex P. Kennedy, agricultural economics professor with Texas Tech University and B.L. Jones Jr., B.L. Jones III and Tom Jones of Jones Appraisal-Farm and Ranch of Lubbock.

Meetings beginning at 8:15 a.m. Friday will cover microcomputers in farm and ranch management, microcomputer capabilities for appraisers, software, accessing information, programming fundamentals and microcomputers as word processors. Hands-on microcomputer instruction will begin at 3:20 p.m.

Speakers for the Friday sessions include Ray Sammons, Texas Agricultural Extension Service, Amarillo; Marvin Sartin, president, Agricultural Management Service, Amarillo; James McGrann, Texas Agricultural Extension Service, Texas A&M University; Art Stoecker, agricultural economist, Texas Tech; Billy Freeman, agricultural economist, Texas Tech; Richard L. Trimble, extension management economist, Texas A&M University; and Kennedy.

CONTACT: Carrie White

LUBBOCK--Fact and fiction are hard to discern when scientific authorities speak out on pros and cons of meat in the human diet, say three Texas Tech University scientists.

The three Texas Tech University animal science professors believe consumers are tired of the mishmash of recommendations on meat consumption. The scientists also disagree with recent National Academy of Sciences findings criticizing the quantity of meat in the human diet.

Dr. Robert A. Long, Dr. C. Boyd Ramsey and Dr. Leland F. Tribble feel that report's linkage of meat to cancer risk is unfair. They said no conclusive evidence in this or former studies supports recommendations that Americans should cut down on meat.

"According to the American Cancer Society, stomach and rectal cancer are down since 1900," Long said. "At the same time the U.S. Department of Agriculture finds that meat consumption, all meats, is up, during the same period, particularly beef, veal and poultry."

Ramsey agrees that Americans are eating more fats than they did in 1900, but most of the increase does not come from meat.

He maintains that the increase in animal fat is up just 9 percent with vegetable fat consumption up 50 percent and vegetable shortening and margarine fats up 41 percent.

"The animal fat increase is really very little," Ramsey said. "Taking into consideration that there are probably about 10 million vegetarians in this country, daily per capita consumption of cooked meat is 2.8 ounces. That is about one-quarter pound of hamburger before it loses some water and fat through cooking."

Ramsey doesn't believe scientists should prescribe dietary guidelines for people who have no problem with their diet. "Doctors don't treat everyone for diabetes when only a small percentage have the disease," he said.

Ramsey sees three schools of thought for Americans in deciding what to eat -- change your diet now to coincide with the latest reports, change your diet for personal medical reasons or wait for conclusive evidence on foods before changing your diet. The Texas Tech researchers subscribe to the latter two plans.

"There have been so many diet scare stories. We, as scientists, just do not have conclusive evidence," Tribble said, pointing to the saccharin scare a few years ago.

Meat has several nutritional advantages, Long said. Fact -- meat is the highest quality protein food containing all essential amino acids in quantities needed by the body, iron, zinc and the B complex vitamins. Fact -- meat is one of the most significant food sources for vitamin B₁₂ which helps ward off anemia. Fact -- meat is easily digestible.

"The benefits of meat far outweigh the detriments," Long said. "There is a lower life expectancy in countries with low meat consumption."

When cholesterol levels increase or gallbladder problems occur, Tribble said meat, egg and milk consumption should be reduced. "One criticism of meat is that the high protein level causes production of more ammonia in the colon, but that has not been proven."

The researchers believe more studies need to be done on cancer, the mechanisms which start it and how it grows, before recommendations on risks are prescribed.

"You can't say diet isn't related, but we lack definitive proof of cause and effect between meat consumption and cancer," Tribble said.

Events

ONE ANA TWO--More than 1,300 students from as far away as Canada will be tuning up July 11-23 for the 49th annual Texas Tech Band Camp. The junior and senior high school students hope to sharpen their skills in conducting, drum majoring, improvisation and rhythm. Texas Tech Director of Bands James Sudduth is the camp director. Call him at 742-2225.

General Interest

GONE FISHIN'--Some of the best fishing in Texas is right in our own backyard, yet most people don't even know it. Dr. Brian R. Murphy, fishery science professor at Texas Tech, says Panhandle lakes have been stocked with an incredible number of walleye. Because fish are a high quality source of protein, they could become an important commodity in West Texas for food and as a recreational attraction. "Fish" for more information by calling Murphy at 742-2843.

LATE BLOOMERS--While many crops have been washed out by heavy rains, uncultivated parts of the West Texas plains have beautiful patches of wildflowers to show for the extra moisture. One of the best places to see them is the 14-acre Ranching Heritage Center. Botanist David K. Northington can describe what you'll see. Call 742-2184.

COMPUTER LOAN--The library of tomorrow is at Texas Tech today with a new program which allows faculty and students to practice in library labs or to check out one of ten microcomputers for three days. The desk top computers are among 35 given to Texas Tech by Texas Instruments to equip the computer learning laboratory in the Tech library. For more information, contact Dr. Jerry D. Ramsey, associate vice president for academic affairs, at 742-2184.

NOTE--Class registration for the second summer term starts Monday, July 12, with classes beginning Tuesday, July 13.

If you would like taped interviews,
contact Dave Clark or Gary Bloodworth,
UN&P, 742-2042.