

11-2 / 11-6-81
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DATE	Stories and Cutlines	Locals 75	Reg. Dailies 25	Reg. Weeklies 15	50 M's	Reg. Radio 14	X-List 15	Adj. Counties	Hometowners	PSA's	Orig. List	Misc	Explanations
1-11-2-81	Cutline - research project 1										1	B. Zeck	
2-11-2-81	Museum lecture (100)	✓						✓			✓	Cheryl	1 to Joe Brown
3-11-2-81	Jupiter (125)	✓	✓					✓				Cheryl	1 to Joe Brown
4-11-2-81	Jupiter cutting 9										9	Cheryl	8x10's Joe, Od, Am, Clov & Mid, Od, San Ang, Abil
5-11-2-81	Han Dynasty lecture (25)	✓										Cheryl	J.B.
6-11-3-81	Northington (125)	✓	✓		✓							B. Zeck	Junction (nsp + radio)
7-11-3-81	Dec. graduates (16)						✓					Preston	
8-11-3-81	Samuel Kirk (25)											Cheryl	- locals-campus only
9-11-3-81	Ranch industry (150)	✓	✓	✓				✓				Carrie	
10-11-3-81	RHC dev. program (150)	✓									62	B. Zeck	
11-11-3-81	Prime Time for Women (100)	✓						✓				Bick	
12-11-3-81	Action Awards (100)	✓						✓				Cheryl	
13-11-4-81	Finance Committee (75)	✓										Bee	
14-11-4-81	Anthropology (125)	✓	✓					✓				Cheryl	
15-11-4-81	Border Cities (175)	✓	✓		✓						42	Preston	Bacon's, North Media
16-11-4-81	Dean Haley (100)	✓	✓									Cheryl	Home Ec list
17-11-4-81	China trade (150)	✓	✓	✓								Carrie	
18-11-5-81	Salt Cedar (225)	✓	✓	✓							51 28	Carrie	Bacon's
19-11-5-81	farm outlook (175)	✓	✓	✓	✓						27	Carrie	

[illegible]

caption-----

ENERGY THROUGH CHEMISTRY--Dr. Richard A. Bartsch, right, interim chairman of the Department of Chemistry, is one of the principal investigators for the department's energy research projects funded through the university's Center for Energy Research. Working on metal ion separation, using crown ether carboxylic acids, are, left to right: Alan P. Croft, doctoral student from Roy, Utah; Dr. Witold A. Charewicz, visiting professor from the University of Wroclaw, Poland; Sang-Ihn Kang, doctoral student, Seoul, Korea. (TECH PHOTO)

CONTACT: Cheryl Duke

LUBBOCK--A collections and collectibles lecture series at The Museum of Texas Tech University will begin with a 3 p.m. lecture Sunday, Nov. 8, by Dr. James A. Goss, museum director, speaking on "Collections for Our Museum."

Successive lectures will be at 3 p.m. Dec. 6, Jan. 10 and Feb. 7. The lectures are free to the public, and a brief question and answer period will follow each lecture.

Goss will discuss artifacts and acquisitions which may be used by The Museum in presenting its main theme on man, land, water and energy in relationship to arid and semi-arid lands. He will also discuss museum ethics.

Other lectures in the series will be on collecting miniatures, collecting antiques and collecting fine art. Speakers include Leonard Stewart, director of Miniatures of Lubbock and owner of The Doll House, Leona and Bill Kent, owners of Leona's Antiques, and Betty Baker of the Baker Gallery.

The lecture series is sponsored by The Enrichment Opportunities Committee of the Women's Council of the West Texas Museum Association.

TexasTech News

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CONTACT: Cheryl Duke

LUBBOCK--The planet Jupiter, as photographed by the unmanned Voyager spacecraft, may be seen in an exhibit opening Saturday, Nov. 14, at The Museum of Texas Tech University.

"Jupiter and Its Moons," on display through Dec. 13, features more than 70 color and black and white photographs of the planet and its five principal moons. Informative text on the voyage and a scale model of the Voyager spacecraft are included.

The unmanned Voyager left earth in 1977 to collect scientific data on the outer planets of Jupiter, Saturn and Uranus. Such a mission depends upon alignment of the outer planets which occurs only once every 45 years.

In March 1979, Voyager 1 passed Jupiter and Voyager 2 followed in July. Both craft were equipped with television cameras attached to telescopes. Cameras started rolling 80 days before the Jupiter encounter, supplying scientists with invaluable data on the giant planet and its multiple satellites as well as some of the most stunning imagery from deep space.

The discovery of a new moon, the suspected Jupiter ring, active volcanoes on the moon of Io and the turbulence surrounding the Great Red Spot were results of the expedition.

Text of the photographic exhibit, organized by the National Air and Space Museum (NASM) and the Smithsonian Institution Traveling Exhibition Service in cooperation with the Jet Propulsion Laboratory/NASA, was written by NASM geologist Dr. Robert Wolfe.

The exhibit is sponsored by the West Texas Museum Association.

Museum hours are 9 a.m. to 4:30 p.m. Monday through Saturday; until 8:30 p.m. Thursdays; and 1-4:30 p.m. Sundays.

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SPACE IMAGERY--Jupiter, photographed in June 1979 by the Voyager 2 spacecraft, is one of 70 color and black and white prints in the exhibit "Jupiter and Its Moons," opening Saturday, Nov. 14, at The Museum of Texas Tech University. Centered over the region west of Jupiter's Great Red Spot, the photograph shows a chaotic region of clouds to the west of the White Oval in the lower left of the spot. The spacecraft was more than 15 million miles from the planet. The exhibit will be displayed through Dec. 13.

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CONTACT: Cheryl Duke

LUBBOCK--The gradual decline of the Bronze Age of China during the Han Dynasty (202 B.C. - 220 A.D.) will be discussed in a 10 a.m. lecture Tuesday, Nov. 10, at The Museum of Texas Tech University.

Admission to the lecture is \$2. It is the fifth in a fall series of art seminars dealing with China and sponsored by the Women's Council of the West Texas Museum Association.

Much is known of the Han Dynasty because of written records left by the Han historian Sima Qian and through numerous archeological sites throughout China. Lavish burials of rulers were characteristic of the period. Pieces representing the dynasty like a jade suit exhibited in a 1974-75 Chinese archeological exhibition, have been uncovered.

A civil bureaucracy developed under the dynasty and Confucianism became the philosophy of the state. Buddhism also increased in popularity, enhancing China's cultural ties with India and some countries of the Middle East.

Paper was invented and paper, brush and ink came into wide use. The manufacture of porcelain had its beginnings in the Han era and bronze declined as lacquerware became popular for luxurious containers and iron superseded bronze in the manufacture of tools.

The lecture will be illustrated with prints from lecturer Rabbi Alexander S. Kline's, D.D., private art collection.

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LUBBOCK--Dr. David K. Northington, associate chairman of the Department of Biological Sciences at Texas Tech University, has been named director of the TTU Center at Junction. Academic Affairs Vice President John R. Darling made the announcement.

Northington succeeds the late Dr. Robert L. Packard, professor of biological sciences, who served until his death in April 1979. In the two-year interim, when the center had no state funding, Dr. Michael Mezack, director of Continuing Education, supervised center activities on an interim basis.

The 411-acre center in the Texas hill country is used by Texas Tech University students for field courses in the sciences, special art classes and other academic activities which can be enhanced by the rural setting at the fork of the North and South Llano rivers.

Off-campus groups use it for conferences, workshops, institutes and other activities for which the small, isolated campus is particularly useful.

"It is a superb location for a great many activities," Darling said, "and Dr. Northington's background should prove especially helpful in academic planning."

Northington came to Texas Tech in 1971 after having earned the bachelor's and doctoral degrees at the University of Texas-Austin. He is associate professor of biological sciences and museum science and is a member of the graduate faculty.

He was presented the Spencer A. Wells Outstanding Faculty Award for 1980-81 and last year was recognized for his teaching by Omicron Delta Kappa and Mortar Board.

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His past service for the university and the Lubbock Community is extensive, and he currently is a member of the Texas Tech Athletic Council, first vice president of the Sigma Xi research society, curator of the herbarium in The Museum of Texas Tech University, faculty sponsor of the Texas Tech Pom Pon squad, a member of the University Spirit Coordinating Committee and a member of the Junction Center Natural Resources Use Advisory Committee. For three years he was a member of the Arts and Sciences Committee on Academic Programs.

He has worked closely with the International Center for Arid and Semi-Arid Land Studies and was co-director of the center's 1978 International Arid Lands Conference on Plant Resources. For five years he was a member of the Committee on Desert and Arid Zones Research of the Rocky Mountain Division, American Association for the Advancement of Science. His special interest in plants of the arid and semi-arid regions is reflected in his research and scholarly publications.

Northington will continue teaching at the university. At Junction he will direct both academic planning and operations.

The Center at Junction has modern academic buildings which house lecture halls, laboratories, an art studio, a small amphitheater and residence and recreational facilities.

CONTACT: Preston Lewis

LUBBOCK--All Texas Tech University seniors and graduate students who plan to graduate in December should notify the dean's office in their respective colleges no later than 5 p.m. Friday (Nov. 6).

Dr. Len Ainsworth, associate vice president for academic affairs, said graduating students should file their intention to graduate statement by the end of the week. Students in colleges which require notification of senior status a year in advance, instead of an intention to graduate statement, also should notify their colleges, if they intend to graduate this December.

Ainsworth said this notification is necessary to help the university plan for its first fall commencement exercises at 7 p.m. Friday, Dec. 18, in the Lubbock Municipal Auditorium. Although the academic calendar originally listed a later deadline for advising college deans of an intent to graduate, that date was set before it was decided to conduct a December commencement.

The fall commencement exercises were scheduled in response to students, alumni and parents who felt they did not have an opportunity to participate as they would like in May commencement ceremonies.

CONTACT: Cheryl Duke

LUBBOCK--Noted psychologist and educator in the field of special education Dr. Samuel A. Kirk will speak at 1 p.m. Wednesday, Nov. 11, in the Texas Tech University Center Lubbock Room.

The lecture, open to university faculty, staff and students free of charge, will be on "The Mainstreaming Movement in Education." A reception for Kirk will follow.

Kirk is a professor of special education at the University of Arizona and has been director of the Institute for Research on Exceptional Children at the University of Illinois and of the Division of Handicapped Children and Youth for the United States Office of Education. He is well known for his research on learning disabilities and mental retardation.

Kirk has published more than 200 articles, chapters, tests and books related to education and psychology.

Kirk is in Lubbock as keynote speaker for the Texas Conference of the Association for Children and Adults with Learning Disabilities. His visit to the Texas Tech campus is sponsored by the College of Education Professional Seminars and Faculty Development Committee.

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LUBBOCK--Legislation, policy and survival in the ranching industry will be the theme of the Texas Section, Society for Range Management, Conference Dec. 4-5 at the South Park Inn in Lubbock.

Dr. Bill E. Dahl, president of the Texas Section and a range and wildlife professor at Texas Tech University, will preside at the meeting.

U.S. Congressman Kent Hance is scheduled to speak on agricultural programs under the current administration and the range-livestock industry.

Representatives from Mexico, private ranches and state and federal agencies will speak on topics including international policies concerning the range-livestock industry, state and federal regulations on predators, federal regulations on herbicides and the future of ranching in the southwest.

The conference is open to the public. The fee is \$30. Charge for persons who only attend the 6:30 p.m. social hour and 7:30 p.m. banquet is \$15.

Registration will run 5-9 p.m. Thursday, Dec. 3, and from 8 a.m. until noon Friday, Dec. 4, at the South Park Inn. Approximately 300 persons are expected to attend.

A special women's program is planned with a registration fee of \$30. Local tours, a style show and the Friday night banquet are included in the packet.

Students may register for the conference free. However, a \$15 fee will be charged for those attending the banquet.

Additional information and reservations may be made through the Department of Range and Wildlife Management, Texas Tech University, Lubbock, Texas, 79409, or by calling (806) 742-2841.

CONTACT: B. Zeeck

LUBBOCK--Ranchers and others who support the Ranching Heritage Center of the The Museum of Texas Tech University began a \$4 million development program Tuesday (Nov. 3) with \$1.4 million already in their permanent fund.

Kickoff for the development program began with a dinner at the unique center, a 14-acre outdoor exhibit depicting the history of ranching in America.

John R. "Rich" Anderson, Gail rancher who is chairman of the Development Council, announced that in addition to a \$1 million challenge grant from Mrs. B.F. (Anne W.) Phillips, members of the Board of Overseers of the Ranching Heritage Association have individually given an additional \$400,000.

Anderson said that the permanent fund will help provide for the operation, maintenance and administration of the center as well as for future expansion.

The development program is sponsored by the Endowment Fund for the Preservation of Ranching Heritage in America.

Members of the Development Council include:

From

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CONTACT: Becky Williams

LUBBOCK--The new challenges, opportunities and problems facing women today will be explored Nov. 21 in the "Prime Time for Women III" workshop, one of six courses or programs offered in November by the Texas Tech University Division of Continuing Education.

Keynote speaker for Prime Time will be Mary-Scott Welch, New York author and freelance journalist. Scheduled workshops will cover topics of interest to women, including developing supervisory leadership, the fun and challenge of being single, what every woman needs to know about the law and depression in women. Participants will choose three of the 13 hour-and-a-half workshops to attend during the daylong program.

Cost is \$15 for non-students, \$5 for Texas Tech students attending the luncheon and free for students not attending lunch. The opening session will convene in the University Center Ballroom at 9 a.m., Saturday, Nov. 21.

A course on proposal-writing skills will be offered Nov. 21-22 at the Texas Tech University Center at Junction. The course will focus on grant development and the grant implementation process. Cost is \$103.50, which includes room and board at the Junction Center, or \$60 for participants not requiring housing.

A two-day workshop Nov. 20-21 will examine adjustment and identity after divorce. The workshop will meet 6-10 p.m. Nov. 20 and 8:45 a.m. to 10 p.m. Nov. 21 in Room 222, West Hall, on the Texas Tech campus. Cost is \$35.

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Business taxes will be the subject of a workshop for small business owners and tax preparers Nov. 14 in the Lubbock Room of the University Center. Cost is \$30.

Rex P. Fuller, Lubbock banker and businessman, will discuss speculative investing at Lunch and Learning at the Lubbock Club at noon Nov. 9. Cost is \$12.

Rational self-counseling will be examined in a workshop 8:30 a.m. to 5 p.m. Nov. 14 in Room 109 of Holden Hall. Rational self-counseling helps people break the stress cycle that leads to burnout and frustration. Cost is \$30.

Information on these and other Continuing Education courses offered the remainder of this year or next spring is available by calling Texas Tech's Division of Continuing Education at 742-2354.

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FOR RELEASE AFTER 7 P.M. TUESDAY, NOV. 3.

LUBBOCK--The West Texas Museum Association Tuesday honored Texas Tech University Music Department Chairman Harold T. Luce, the Friends of the Library and the late Clifford B. Jones for outstanding contributions to southern High Plains culture.

The annual surprise Action Awards were presented during the 52nd annual association meeting at 7 p.m. Tuesday (Nov. 3) at the Lubbock Country Club.

Luce was honored for his increase of free public concerts of professional quality, the promotion of opera and his community service including two years as chairman of the performing arts division of the Lubbock Arts Festival.

The Friends of the Library was honored for its many programs including children's story hour, the lunch bunch and free family film series and for work in establishing and supporting branch libraries as well as general financial support of the library.

Jones was honored posthumously for contributions to the community and for his trust to The Museum for the advancement of fine arts, particularly in the purchase of paintings for the permanent collection.

The association elected Dr. Robert Moore, 1982 president; W.G. McMillan Jr., vice president; Mrs. John Graw, secretary; and Roy Holmes, treasurer.

Newly elected executive committee members include Moore, Mrs. Graw, Harry Knight and Howard Yandell. Terms expire in 1984

Trustees elected to serve terms which expire in 1984 are Dr. John Filippone, Lee Stafford and Mrs. Barry Williams.

Trustees elected to serve until 1985 are Mrs. Robert Arnold, Douglas Boren, C.B. Carter, Mrs. Graw, T.J. Harris, Terry Key, Ken McEachern, Robert Norris, Charles Pope, Mrs. J. Vance Scoggin, Dr. Idris Traylor Jr., A.C. Verner and Howard Yandell.

Dr. James A. Goss, museum director discussed the future of The Museum, outlining developmental plans for the next five years. He expressed hopes that The Museum can be accredited by The American Association of Museums by 1985 and that The Museum will celebrate a coming of age by 1986, the Texas sesquicentennial year.

Dr. Gene L. Hemmle, Texas Tech professor emeritus of music and longtime chairman of the Music Department, presented the award to Luce. Luce became department chairman in 1973, replacing Hemmle after coming from Ohio State University. At that time, he expressed a desire to make a contribution to Lubbock's cultural life through the Texas Tech music programs and their relationship to the city's cultural activities.

Barbara Fry, president of the Women's Council of the West Texas Museum Association, made the presentation to the Friends of the Library. Mrs. William (Nita) Mayer-Oakes, vice president of that organization, accepted. The Friends of the Lubbock City-County Library has for 18 years supported the local library through gifts of cultural programs, consultants' services and equipment.

In addition, the group has given support at city and county budget hearings and has worked closely with library staff and the library board in plans for the library. The Friends of the Library annual book sale provides funds for priority items for the library. The group also furnished the Godeke branch library at both its locations and is dedicated to developing a viable system of neighborhood branch libraries.

F. William "Bill" Holder, a WTMA trustee, made the presentation of the posthumous award to Clifford B. Jones, the late president emeritus of Texas Tech and one of the university's first regents. Jones, longtime manager of the SMS Ranch at Spur, and director of three railroads, three banks and a utilities company, had campaigned strongly for the location of Texas Tech in the South Plains.

Jones died in 1972 at the age of 87, leaving a sizable portion of his estate to The Museum. The funds have enabled The Museum to purchase art racks for the storage of art, move the Weiner sculpture from Fort Worth to The Museum for display and purchase paintings by artists O.E. Berninghaus, Joseph Albers, Tschany-Yeuk Kim, Joe Lasker, Rufino Tamayo, Annette Weintraub, Richard Florsheim, Jose Luis Cuevas, Ethel Magafan, John Sloan and Marsden Hartley.

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CONTACT: B. Zeeck

LUBBOCK--The Finance Committee of the Boards of Regents of Texas Tech University and the Texas Tech University Health Sciences Center will meet at 8:30 a.m. Saturday (Nov. 7) in the Academic Council Room of the university Administration Building to review the Systems and Procedures Manual and consider recommending future policy changes.

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13-11-4-81

CONTACT: Cheryl Duke

LUBBOCK--Peruvian Indian uses of coca leaves, from which cocaine is produced, will be discussed in a free, public lecture at 8 p.m. Thursday, Nov. 12, at Texas Tech University.

Dr. Enrique J. Mayer, a Peruvian anthropologist and visiting anthropology professor at the University of Texas-Austin, will discuss the infiltration of international drug dealing in Peru and how it has affected the religious rituals and traditional customs of Peru's Indian populations. He will also talk about the effects of Peru's new drug laws on these customs. The lecture will be in Room 150 of Holden Hall.

Mayer will lecture on Andean agriculture at 2:30 p.m. Friday, Nov. 13, in Room 5, Holden Hall. His topic, "How Traditional Andean Agriculture Fights the Green Revolution," will explore the complex agricultural system used in the Peruvian Andes. Mayer will tell how the adapted strains of local crops and traditional agriculture methods are more productive than new crops and methods developed through the Green Revolution.

Mayer's visit to the Texas Tech campus is sponsored by the Latin American Area Studies Program. Co-sponsors are the International Center for Arid and Semi-Arid Land Studies (ICASALS), the Center for Applied International Development Studies and the Department of Anthropology.

Mayer is on a leave of absence from his position as Chief of Research at the Interamerican Indian Institute in Mexico City.

Fluent in the Spanish, English and German languages and having a reading knowledge of French and Portuguese, Mayer also studied the Quechua Indian (Andean) language at Cornell University. He did anthropological field work in a Quechua community in Peru 11 months.

He is a recognized authority on Andean Indians. His research and publications have included a four-year study on Andean agriculture, Andean kinship and marriage, economic relations in Andean peasant communities and racial discrimination in Peru.

Mayer earned his doctoral and master's degrees in anthropology at Cornell University and his bachelor's degree in economics at the London School of Economics and Political Science. He has taught at the Catholic University of Peru.

CONTACT: Preston Lewis

LUBBOCK--Although sister cities are related by geography and economic interplay, some municipal siblings are separated by nationality.

Such is the case along the United States-Mexico border where a dozen sets of sister cities share regional problems and needs, yet are separated by a boundary that magnifies the difficulty in addressing joint concerns.

But by dealing with such border city problems as unemployment, migration and cultural differences, Texas Tech University professor and urban planner George T.C. Peng contends that not only joint municipal problems, but also international issues can be alleviated.

"The border cities," said Peng, "are the focal point of many political, socio-economic problems that confront both the United States and Mexico. Solving these issues in the border cities would help limit the spread of these problems far beyond the borders."

Peng is developing for Eagle Pass, Texas, and Piedras Negras, Mexico, what he believes is the first comprehensive plan for any of the dozen pairs of sister cities straddling the U.S.-Mexico border. He has completed the plan for Eagle Pass and now is working on a matching design for Piedras Negras, both of which recognize the joint needs of the two cities.

"The economies of Eagle Pass and Piedras Negras, like other border cities, are so firmly interwoven and interdependent that modifications in the economy of one city will inevitably affect the other," Peng said.

In Peng's view the five major, interrelated problems facing the border cities are migration, high unemployment, high poverty rates, language differences and cultural contrasts.

Addressing those problems on a combined local, state, federal and international level will be necessary before they can be allayed, he said. Peng suggested locating more industry along the border and opening the border up to allow that industry to utilize the cheaper labor that would be available from Mexico. By providing adequate jobs along the border, Peng anticipates immigration to the U.S. could be limited to the border region. Special tax incentives should be encouraged to attract industry and to facilitate freer trade between the countries for goods produced along the border.

While cultural differences would always remain, improving the regional economies of the border cities would help reduce the built-in friction between them. Strengthening the education system would improve the language problems, Peng said.

"The physical improvement and development of these border cities could be accomplished very quickly if the political, socio-economic problems are solved," Peng said.

Peng intends for the Eagle Pass-Piedras Negras study to become a model for development in other border cities. Although an infusion of money and cooperation by governments on both sides of the border will be necessary to address most of the political, socio-economic needs, the plan designed by Peng will provide a guideline for physical development.

"With a 35-40 percent poverty rate and a better than 20 percent unemployment rate, Eagle Pass, like many other border cities, has a fast-growing population and a poor economic base. Its unplanned urban development has created traffic congestion, deteriorated housing and housing shortages, blighted riverfront and open spaces, destruction of historic structures and inadequate industrial development."

Those are problems that most border cities face and ones that cannot be solved without the cooperation of the sister municipalities and other affected governmental levels. To spur cooperation between the United States and Mexico, Peng suggests creation of a binational border planning commission to deal with the problems all along the border. Such a commission would be an extension of a cooperative agreement on urban development signed in 1979 by the two countries.

As if to underscore the need for cooperation, the Eagle Pass-Piedras Negras work has been a joint effort, involving the two cities, Texas Tech University and the Mexican University of Coahuila (Universidad Autonoma de Coahuila).

"It is our intention that the inter-university program serve as a vehicle for merging different ideas into common goals," Peng said. "Border cities should be like friends--I help you, you help me."

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CONTACT: Cheryl Duke

LUBBOCK--Texas Tech University Home Economics Dean Elizabeth G. "Bess" Haley has been named chairman-elect of a national council which reviews home economics programs nationwide.

The Council for Professional Development of the American Home Economics Association (AHEA) elected Haley to the post during its annual meeting in St. Louis, (Oct. 26-29). She will serve as chairman in 1983-84.

The 15-member council conducts accreditation activities for the American Home Economics Association. Members review academic programs seeking accreditation and recommend accreditation.

Six council members represent the association's Agency Member Unit, made up of four-year colleges and universities. Three members are practicing professionals. Two members are lay representatives and one represents the AHEA Board of Directors. The president-elect of the association and the director of the AHEA Office of Professional Development are ex-officio members.

Dean Haley was elected to a three-year term on the council last spring by the Agency Member Unit. As chairman in 1983, she will preside at council meetings, appoint committee members to review accreditation applications, self-evaluation reports and reports by site visitors. She will also submit annual reports to the Agency Member Unit, the association's Board of Directors and the "Journal of Home Economics."

Haley is 1981-82 president of the National Council of Administrators of Home Economics. She became dean of the Texas Tech College of Home Economics in July.

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CONTACT: Carrie White

ATTN: Business Editors

LUBBOCK--Trade with China -- profits, prospects, regulations -- will be the theme of the first Hong Kong Business Exhibition Nov. 20 at Texas Tech University.

"The purpose of the exhibition is to show the role and importance of Hong Kong and China as a trading partner with potential markets in the United States," said Joseph Ho, exhibition committee public relations chairman.

Organized by Hong Kong students attending the university and sponsored by businesses both here and abroad, the exhibition will feature five speakers from the areas of trade development, economics and agriculture.

March Davenport, a representative of the Hong Kong Trade Development Council in Dallas, will speak on import and export trade with Hong Kong, primarily cotton and grain. Ben Baisdon, of the Texas Department of Agriculture, will talk on U.S. agricultural trade with the People's Republic of China.

Dr. Idris R. Traylor, of Texas Tech University, will speak on economic development in today's China. Presenting information of financing today's U.S. - Hong Kong trade will be John James of the Standard Charter Bank Limited in Houston. David Rodgers, an international trade specialist with the U.S. Department of Commerce, will talk on marketing in the People's Republic of China and services his office provides.

Registration for the Texas Tech University Center Conference should be made by Nov. 16. Cost of the meeting and luncheon for persons pre-registering is \$5 for students, \$10 for Texas Tech faculty and \$15 for the general public. Registration fee after Nov. 16 and at the door costs \$18. The conference will run from 9:30 a.m. to 4 p.m.

For additional information or registration write to Hong Kong Business Exhibition, P.O. Box 4617, Lubbock, Texas, 79409, or call Dr. Charles V. Neil, Small Business Development Center director, at (806) 742-3461.

Texas Tech News

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LUBBOCK--An acre of saltcedar sucks up some 600,000 gallons of water per year.

This statistic, and the fact that the Southwest is suffering from a declining water supply, has spurred two Texas Tech University scientists to research a herbicide which might squash the aggressive and useless water-wasting plant.

Dr. Brian R. Murphy and Dr. Robert J. Warren, of the Texas Tech range and wildlife department, will begin in March dropping Graslan (tebuthiuron) pellets on two experimental floodplain plots, infested with saltcedar, in the Texas Panhandle.

The herbicide, donated for the project and manufactured by Elanco Products Company of Indianapolis, Ind., is approved for rangeland brush control in Texas, Oklahoma, Kansas, Arizona and New Mexico. Preliminary laboratory experiments show Graslan is effective in the termination of saltcedar. However, further studies are required before the Environmental Protection Agency can approve Graslan for saltcedar control. The Texas Tech study will provide this data.

"Our primary interest is to conserve water through brush control," Warren said. The scientists and two graduate students, Carol Edwards and Alan Temple, will not only be looking at the success of the herbicide, but also at the impact of a changed forage supply on wildlife.

"We want to find out if the herbicide moves in the water and if it concentrates in aquatic animals," Murphy said. "Laboratory experiments show that it does not, but this has not been proved in the field."

-more-

- saltcedar/add one

Saltcedar, like willows and mesquite, is a phreatophyte, a deep-rooted plant which obtains its water from the water table or the soil layer just above it. Saltcedar is a species of European and Oriental origin initially introduced in this country as an ornamental plant and for use in windbreaks.

The saltcedar plant has a prominent taproot which extends deep into the water table. River channels, basins and floodplains are choked where it is present. Saltcedar shoot growth can be as rapid as eight inches per week.

To date, ranchers have used expensive mechanical means--bulldozers and disk plows--to clear the growth. That form of clearing must be administered two to three times a year and is more expensive than a Graslan application which might prove to have a longer effect.

"This research has a much wider impact than just on ranchers," Murphy said. Local municipal water supplies are infested with saltcedar, resulting in a decrease in water availability and an increase in water cost to consumers and farmers of irrigated lands.

Recommendations for the use of Graslan on rangeland brush call for deferring grazing of the lands for two growing seasons following application and the use of rotation grazing to maintain desired forage stands. Both scientists believe those recommendations will hold true for the herbicides use on saltcedar.

Included in the study will be testing effects of Graslan on groundwater, saltcedar mortality, forage changes and its impact on wildlife, aquatic plants and animals. A maintenance study using controlled burning will follow the three-year herbicide research.

-more-

"If we can remove the saltcedar from infested areas there would be less competition for the desirable forage species," Murphy said. "We believe Graslan will prove effective for several years and less expensive than other herbicides or mechanical clearing."

After the Graslan pellets are sprinkled on the ground, the scientist will rely on rain to dissolve and move them into the soil. The herbicide works by killing the saltcedar's ability to produce food. Warren said following the pellets' dissolution, the plant may go through two to three cycles where browned leaves fall to the ground making photosynthesis impossible.

"It seems Graslan is very selective in that it affects plants with prominent roots," Warren said of fears that the herbicide might kill desired forage. "This is as safe a herbicide as we could get. It has minimal affects on grasses and other desirable forage."

The research has been funded for three years by the Texas Tech College of Agricultural Sciences Noxious Brush and Weed Control Program.

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CONTACT: Carrie White

ATTENTION: Agricultural Editors

LUBBOCK--Despite a six-fold increase in farm production over the past 100 years, there has been a drastic reduction in the U.S. farmer's profit margin.

Dr. J. Wayland Bennett, the Charles C. Thompson Professor of Agricultural Finance at Texas Tech University, cites the change of agriculture to a capital-intensive industry as one of the reasons for the profit decline.

"Farms at one time were operated with hand labor, horses and mules," Bennett said. "In the 1930s, we began to substitute the combustion engine for horsepower. Today, contrary to the past when farms were self-reliant and self-sufficient, farmers are purchasing their power and equipment. Dollars are now moving off the farm."

The decrease in farms over the past 50 years has been drastic, Bennett, a director of the Federal Reserve Bank of Dallas, said. Even in the past 20 years the number of farming operations has decreased by 900,000 although production has continued to increase. The consolidation of small farms into bigger operations has become a way of life in an effort by some farmers to achieve the maximum benefits of mechanization.

Bennett sees the farmer's biggest problem now as financial management.

"There was the mechanical revolution, the power revolution and the scientific revolution. The most important thing now is that farmers learn to financially manage their operation with all the variables involved," he said.

The savior for U.S. producers has been the increases in exports. Japan, for example, receives 6 percent of all food produced in this country.

farm outlook/add one

Bennett said 15 percent of a farmer's market return in 1970 came from exports while in 1980 that figure rose to 25 percent. He noted 59.6 percent of all grains traded in world commerce comes from U.S. production.

With record crops of soybean, corn and wheat, Bennett said many farmers this year may suffer from price declines. Unsteady economies in many importing nations also may cut into foreign sales.

"So many of the world economies are soft now," he said. "The value of the dollar against world currencies has increased. It is going to take more foreign currency to buy our commodities."

Although the U.S. Department of Agriculture has predicted the exportation of some \$47 billion dollars worth of farm goods, Bennett believes that figure will be much lower.

"The import countries are buying cautiously, from hand-to-mouth so to speak," Bennett said.

He noted President Reagan's agriculture economic plan is three-fold: 1) to make the U.S. a more dependable commodity supplier, 2) to increase the number of nations buying U.S. agricultural commodities, and 3) to sell more grain to the Far East, Republic of China, Iron Curtain countries and Western Europe. Bennett said increased export competition and soft foreign economies will have a direct effect on the farmer this year.

With competitive prices, the countries of Canada, Brazil, Argentina and Australia have been able to increase grain exports to countries which the U.S. has had political differences.

During President Carter's administration, grain shipments were cut off to Russia as a result of that country's invasion of Afghanistan. While Russia went elsewhere for its grain, Bennett said American farmers were left asking, "Why must we bear the cost of diplomatic policy?"

"Surplus food involves more than economics; it involves politics." Bennett said. While farmers' production expenses now take up 88.7 percent of their gross income, the export market and political decisions in that market have become an important economic factor.

Approximately 97 percent of all U.S. agricultural exports are sold and are generally not given away by the government to underdeveloped countries except in times of disaster.

"The consumption level of grains in the U.S. has been level with the increase in population," Bennett said. Changes, however, have occurred in the upgrading of the product to cater to Americans' growing concern for diet.

CONTACT: Cheryl Duke

LUBBOCK--Home economics career possibilities will be discussed by a panel during the Regional Texas Home Economics Association (THEA) meeting Friday (Nov. 6) at Texas Tech University.

More than 200 expected participants from the West Texas and Panhandle areas will hear a keynote address on consumer issues by Rebecca Lightsey, an Austin attorney and director of the Texas Consumer Association.

The 11:30 a.m. panel discussion on careers will feature Jay Schrock, assistant director of food service for Texas Tech; Betty Louder, director of the Lubbock Family Service Association; and Marilu Burns, instructor in the Department of Clothing and Textiles.

Lightsey will speak at 1:30 p.m. on "Consumer Issues as They Relate to Home Economics."

All sessions are open free to the public. Cost of the noon luncheon is \$4.75. Registration begins at 10 a.m. in the auditorium (Room 169) of the Home Economics Building.

Dr. Lauro F. Cavazos, Texas Tech president, will introduce Dr. Bess Haley, home economics dean. Other speakers will be Dr. Jennie C. Kitching of the Texas Agricultural Extension Service and Jo Ann Thompson, state president of THEA and immediate past president of the national Home Economists in Business organization.

At 2:45 p.m. participants will hold district meetings, electing officers and making plans for individual districts.

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LUBBOCK--Bill D. Horton, president and chief executive officer of Southwest Lubbock National Bank, has been appointed chairman of the Lubbock-area Council of the Business Partnership Association of the Texas Tech University College of Business Administration.

The Business Partnership Association was established in 1979 as a fund-raising organization to support the College of Business Administration. The association solicits support for the college from a broad base of potential donors, including alumni and friends of the university and area businesses.

Horton is a Texas Tech University alumnus who has actively worked with the College of Business Administration. He is a member of the President's Council. He also has been an instructor and discussion leader at the Texas Tech Intermediate School of Banking.

Business Administration Dean Carl H. Stem cited Horton's financial expertise and his active community involvement as major assets Horton will bring to the job.

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LUBBOCK--As more and more Americans participate in organized sports, recreation and personal fitness, health practitioners are treating a smorgasbord of injuries once almost the exclusive plague of trained athletes.

But now ailments such as tennis elbow, football knee, jogger's ankle and racquetball wrist are striking more Americans, male and female, than ever before.

Texas Tech University Health, Physical Education and Recreation Professor Edward Burkhardt said this upsurge in participation is creating the need for health professionals and even sports personnel with special training in sports health.

"The practicing family physician is called upon to treat the injury caused by sport participation," Burkhardt said. "This individual often has little or no formal training in treating sport injuries. Yet, literally thousands of youth and young adults seek the services of the family physician every week as a result of sport-related injuries."

Such injuries occur more than 17 million times a year, reported the President's Commission on Olympic Sports in a 1977 study.

On that scale, dealing with injuries becomes more than just the problem of the family physician. Coaches, trainers, physical therapists and others in related sports and medical fields also play an important role, Burkhardt said, in the proper treatment, rehabilitation and prevention of injuries.

-more-

The joint training of both medical and sports personnel will be offered in a sports health graduate program beginning at Texas Tech University during the spring semester. Approved Oct. 30 by the Coordinating Board, Texas College and University System, the interdisciplinary program will involve faculty from both Texas Tech University and the Texas Tech University Health Sciences Center.

Although some other institutions have offered sports medicine programs in the past, none has been the joint effort of a university and a medical school and none has been aimed at both the coach and the doctor.

Orthopedic Surgery Professor Robert P. Yost of the Texas Tech Health Sciences Center was, with Burkhardt, co-chairman of the committee which proposed the sports health program.

"The program emphasizes prevention of injury. Understanding the body and the stresses it can be subjected to can help prevent injury," Yost said. "The curriculum will also cover diagnoses, treatment and rehabilitation."

Courses in sports medicine, physiology of exercise, anatomy, nutrition, sports injuries and physical education will be offered.

"The effects of the sports health program can be far reaching and beneficial to people in all levels of athletic performance," said Yost. "It is not just for the elite athlete. Sports health is for the banker or the housewife who takes part in exercise or amateur athletic programs."

Interest in sports health is fast growing because of the country's sports-conscious society, Burkhardt said. To illustrate, he noted his office has received more than 200 applications for the program before it was ever approved by the Coordinating Board. Several students even enrolled at Texas Tech this fall in expectation of approval.

Although original estimates indicated a first-year enrollment of 18 students, Burkhardt said enrollment will greatly exceed that and the university may have to limit the number of students accepted. The overwhelming interest in the program was spawned primarily by word of mouth.

Applicants have included family physicians, orthopedic surgeons, trainers, coaches and physical therapists, Burkhardt said. The program will lead to a master's degree in sports health. It is not a vocational program that will teach a person to be a trainer or physical therapist, for instance.

Also planned in conjunction with the program is a continuing education component that will work with physicians, coaches, trainers, teachers and parents. Because many physicians do not have time to leave their practices for graduate work, shortcourses and seminars will be planned to meet their needs. Likewise, continuing education courses will be developed for coaches.

A natural offspring of the program will be research. Burkhardt foresees studies in such areas as relating muscle fiber characteristics to performance or analyzing body movements or looking for physical tipoffs to injury susceptibility.

"Our goal is not only to improve performance," Burkhardt said, "but also safe participation in sports at all levels. Doing this will require a team effort by the athlete, the coach, the physician and the trainer."

Texas Tech University

EXPERTS ROSTER

Subject: Law

As society has become more complex, so has its laws. Fields that were uncommon 20 years ago, such as environmental law or consumer law, are now growing specialties necessary to cope with some of the major issues facing the country. For the mass media to keep the public abreast of the law and its growing implications, special assistance is sometimes necessary. The Texas Tech University School of Law faculty has expertise in numerous legal areas.

Listed below are the names, office and home phone numbers and the specialties of Texas Tech law faculty willing to answer your questions.

CHARLES P. BUBANY, Professor, Law.

Office: (806) 742-3614.

Home: (806) 795-8786.

*Criminal law.

*Criminal procedure.

*Family law.

RODRIC B. SCHOEN, Professor, Law.

Office: (806) 742-3932

Home: (806) 795-9204.

*Constitutional law.

*Church-state relationships.

*Equal protection -- sex, race discrimination, etc.

*Federal powers versus state powers.

*Separation of powers.

JOHN E. KRAHMER, Associate Dean and Professor, Law.

Office: (806) 742-3920.

Home: (806) 794-5323.

*Commercial law.

*Banking law.

*Consumer law.

JEREMY C. WICKER, Professor, Law.

Office: (806) 742-3788.

Home: (806) 797-1003.

*Texas civil trial and appellate procedure and practice.

*Federal civil trial and appellate procedure and practice.

DAVID C. CUMMINS, Professor, Law.

Office: (806) 742-3626.

Home: (806) 799-7812.

*Taxation law.

*Legal ethics.

*Professional responsibilities.

JANE G. OLM, Law Librarian.

Office: (806) 742-3794.

Home: (806) 795-4727.

*Academic law libraries.

*County law libraries.

*Legal research.

*Law book publishers and dealers.

DANIEL H. BENSON, Professor, Law.

Office: (806) 742-3890 or 742-3786.

*Criminal law and criminal procedure.

*Civil rights law and procedure.

*Philosophy of law.

*Law and psychiatry.

*Bioethics (medical/legal field).

*Military (court-martial) law and procedure.

"Experts Roster" is produced for your use by University News and Publications, Texas Tech University. Contact Bee Zeeck or Preston Lewis at (806) 742-2136 should you need expertise in other areas.
23-11-6-81

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CONTACT: B. Zeeck

LUBBOCK--A 10-year-old pass-fail policy, allowing students to explore studies in which they have more interest than academic background, is under assessment by the Texas Tech University Office of Academic Affairs.

Dr. John R. Darling, vice president of academic affairs, said the most basic question is the academic soundness of the pass-fail system itself.

He is assessing also, however, a change instituted this fall. The change limits the time given students to opt for a pass-fail or letter grade. Darling said the change appears to have limited some abuse of the option.

"I propose to study the matter this year by assessing the results of the single last date for withdrawal and declaration of the pass-fail policy," he said, "but I think there is a more basic question -- the academic soundness of the pass-fail system itself."

Darling said students have requested liberalization of the policy while faculty groups have indicated a desire to restrict the option essentially to general electives.

"Further restriction," he said, "most likely would discriminate against students in programs which have very few electives."

-more-

pass-fail/add one

The university's Administrative Council, whose members are associate deans of the colleges and schools, last spring suggested the policy change instituted during the fall 1981 semester. The change altered the deadline for students to declare they wanted a pass-fail instead of a letter grade -- shifting the date from the previous four weeks after the start of the semester to six weeks after the semester began. At the same time, students were denied the right to change their minds up to 30 days before the first day of final examinations, with the aim of insuring full commitment of students to their best performances.

The final grade on which a student can withdraw from a course with a grade of W is the same as that for declaring for the pass-fail option.

In the pass-fail option, no letter grade is given. The student's transcript, instead, shows either the letter P for pass or F for fail. The final date for declaring for pass-fail this fall was Sept. 30. For the spring semester it will be Feb. 23.

"It is my understanding," Darling said, "that in recent years there have been relatively large numbers of students who signed up for courses on a pass-fail basis and then, after they determined a likelihood of success in the course, deleted the pass-fail option and asked for a letter grade.

"The result was that many students seem to have failed to exert themselves academically to any great extent during the first weeks of a semester, and they would switch to and from the pass-fail option as they perceived their academic standing rising or falling."

-more-

pass-fail/add two

Darling reported that there has been less activity of this kind during the fall 1981 semester, apparently as a result of the policy change.

"The Administrative Council members indicate," Darling said, "that they favor judicious use of the option by students, permitting them to explore areas of interest without having to compete for letter grades with peers who are majoring in the subjects undertaken."

Darling said he is not yet ready to act upon any of a variety of proposals and recommendations made to him for changes in the pass-fail system.

"I feel this year should be one of assessment and study of the system," he said. "If there are to be further policy changes, proposals will be communicated to all groups involved, and responses will be considered before changes are put into effect."

The original pass-fail system initiated in 1971-72 allowed up to 24 hours, under various restrictions, to be taken under the grading system. The option has undergone several changes during the years. The current program allows up to 13-student-selected hours to be graded pass-fail, although individual colleges can specify certain other criteria for the option.