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Nov 1-11-1983

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1-11-7-83

LUBBOCK--Unrestricted grants totaling \$26,500 have been awarded by Exxon Co. to seven academic areas at Texas Tech University.

Grants were allocated to Chemical Engineering Department, \$7,500; Mechanical Engineering Department, \$4,000; Petroleum Engineering Department, \$4,000; Geosciences Department, \$4,500; Accounting and Computer Science, \$2,500; Business Administration, \$2,000; and Law, \$2,000. Funds may be spent for any educational purpose in each area.

Representing Exxon at the presentation were Max Tucker, division production engineer, and Dave C. Capobianco, accounting manager, both with the company's Midcontinent Division in Midland.

University representatives attending the presentation were Development Vice President John R. Bradford; Law School Dean Byron Fullerton; Business Administration Dean Carl H. Stem; Associate Arts and Sciences Dean Donald R. Haragan; Associate Engineering Dean Larry B. Masten; Chemical Engineering Department Chairman Steven R. Beck; and Mechanical Engineering Department Chairman James H. Lawrence.

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2-11-7-83

UNRESTRICTED GRANT--A \$26,500 grant from the Exxon Co. will be shared by seven academic areas at Texas Tech University. Attending the presentation are, from left, Chemical Engineering Department Chairman Steven R. Beck; Max Tucker, division production engineer, Exxon Midcontinent Division, Midland; Associate Engineering Dean Larry B. Masten; and Mechanical Engineering Department Chairman James H. Lawrence. The funds will be split among departments in engineering, business, law and arts and sciences. (TECH PHOTO)

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3-11-7-83

TECH GIFT--The Exxon Co. has presented grants totaling \$26,500 to seven academic areas in engineering, business, law and arts and sciences at Texas Tech University. Attending the presentation are, from left, Associate Arts and Sciences Dean Donald R. Haragan; Dave C. Capobianco, accounting manager, Exxon Midcontinent Division, Midland; Business Administration Dean Carl H. Stem; and Law Dean Byron Fullerton. (TECH PHOTO)

Texas Tech News

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

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4-11-7-83

ATTENTION: ENVIRONMENTAL AND AGRICULTURAL EDITORS

LUBBOCK--Westerners may joke about the transfer of real estate when the dust blows, but scientists warn that rangelands and croplands can become deserts. Soil erosion, they say, is a major environmental and agricultural problem in America.

What scientists want is an early warning system that will allow man to take measures preventing desertification of good lands. Three Texas Tech University researchers have undertaken a project, in cooperation with the U.S. Department of Agriculture, to determine which indicators of change can be combined into such a system.

They will use remote sensing to study vegetation and soil changes, but they will also make ground observations to verify reasons for changes seen through high altitude photography.

The Texas Tech researchers are Professors Russell D. Pettit whose expertise is primarily in grazing lands, Harold E. Dregne who has special interests in soil salinity and desertification, John R. Giardino who is experienced in interpreting remote sensing data. Working with them will be D.W. Fryrear of the USDA - Science and Education Administration facility at Big Spring, Texas.

They will concentrate their study on Texas ranches in two western counties (Yoakum and Cochran) where Texas Tech's College of Agricultural Sciences research has been conducted for more than a decade.

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Although desertification of agricultural land is a problem throughout the world and of great concern throughout the western United States, West Texas has special problems, in the view of the researchers.

"West Texas soils are among the most wind erodable on earth," Pettit said. "A combination of fine sand textures, high wind velocities and historic misuse by plowing or overgrazing can cause unusually high clouds of heavy dust, especially during March and April.

"Like the land covering millions of acres throughout the world, there is a fragile ecosystem caused by the semi-arid climate and lack of plant cover."

A primary problem to date, Pettit said, is that desertification usually is noted after the damage is done. What is needed is forewarning so that it can be prevented.

"With concern growing for resource conservation and reduction of environmental pollution, better soil erosion monitoring systems must be developed," he said.

Throughout the world scientists working on the problem have suggested numerous possible indicators of approaching desertification, and the Texas Tech team hopes to select the most critical indicators.

"The indicators selected should, ideally, be quantifiable, sensitive to small changes in the factor being measured, and easy to measure. The number selected should be small -- a workable number that could be applied in a great many regions of the world," Pettit said.

The goal, Pettit said, is to develop methods and the technology to allow other scientists to describe and assess desertification as it occurs and to determine what processes can prevent desertification on grazed and cultivated land.

In addition to continuously monitoring wind velocities at five heights as well as air humidity and temperature, the project calls for establishment of test plots in several cropland and rangeland situations.

These include deep plowed cropland with minimum tillage practiced, cropland with no residue left, deep-plowed cropland where clay was not pulled up to hold the sandier soil, native rangeland not treated with herbicide, rangeland converted to mid-grass prairie by herbicide, and cropland with a cover crop present during the windy season.

"We hope to provide data to suggest that management strategies and not vegetation manipulation are keys to prevent desertification of sandyland systems in the American Southwest or elsewhere," Pettit said.

The project has the support of a \$180,500 grant from the U.S. Department of Agriculture Science and Education Administration (USDA-SEA).

Dr. Pettit, a member of the range management faculty at Texas Tech, has been studying soils and vegetation in the Texas sand hills for 12 years. His work has involved soil-vegetation relationships, herbicide responses, soil water depletion and storage and carbohydrate reserves of plants.

The university has named Dr. Dregne Horn Professor of Plant and Soil Sciences. He is a former director of the Texas Tech International Center for Arid and Semi-Arid Land Studies and continues to work with ICASALS as coordinator of special projects. He also coordinates international programs of the College of Agricultural Sciences and has an international reputation in desertification.

Dr. Giardino has made a special study of remote sensing imagery and spent several years studying and analyzing LANDSAT photography.

Fryrear's special interest is in the erodability of West Texas soils.

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5-11-7-83

LUBBOCK--Two Army Reserve Officer Training Corps cadets at Texas Tech University have been awarded \$500 scholarships in the name of the late Col. Harold H. Griffith.

Donald K. Wood of Lubbock and Michael W. Norton of Atlanta, Texas, were awarded the scholarships which will be paid in \$250 installments during the fall and spring semesters.

The scholarships were established by Maj. Gen. Ross Ayers of Austin in memory of his friend and fellow officer Harold Griffith, a veteran of both world wars.

Scholarship recipients are chosen on the basis of academics and overall performance in the ROTC program.

Wood, a senior majoring in political science, is the son of Mr. and Mrs. Glendon Wood, 4909 40th St., Lubbock. Norton, a junior chemical engineering major, is the son of Mr. and Mrs. O.V. Norton, 1001 Brookhaven, Atlanta, Texas.

Presenting the scholarships to the cadets were Texas Tech Development Vice President John R. Bradford and Lt. Col. Thomas R. Hamilton, chairman of the Department of Military Science.

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6-11-7-83

SCHOLARSHIPS--Texas Tech University Army ROTC cadets Michael W. Norton of Atlanta, Texas, and Donald K. Wood of Lubbock have been awarded \$500 Col. Harold H. Griffith Scholarships for 1983-84. Attending the presentation are, from left, Lt. Col. Thomas R. Hamilton, chairman, Military Science Department; Wood; Norton; and Development Vice President John R. Bradford. The scholarships were established by Maj. Gen. Ross Ayers of Austin in memory of Griffith. (TECH PHOTO)

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7-11-8-83

LUBBOCK--A husband and wife team of etchers-printmakers, Paul and Eva Kolosvary of California, will exhibit their works Nov. 13 through Dec. 4 in the Texas Tech University Art Department.

The two collaborate to produce intaglio prints. They exhibit together in shows nationwide and have been taking part in national and international competitions and invitationals in which they have won numerous awards.

During the 10th Color Print U.S.A. invitational at Texas Tech in March, the Kolosvarys' print received a Purchase Award and was designated as having outstanding merit.

They have been invited by the World Print Council to participate in the Fourth World Print Triennial at the San Francisco Museum of Modern Art this fall. One hundred artists specializing in printmaking were nominated for the event by curators and artist/curators worldwide.

The couple has also been invited to present a two-person show at the reputable F-15 print gallery in Norway in 1984.

Paul Kolosvary trained three years at the "Atelier" Art Institute in Budapest and six years at the Hungarian Academy of Fine Arts, earning diplomas from both institutions.

His prizes have included the National Munkacsy Prize of Hungary, Prize of Budapest and Purchase Award of the Hungarian Museum of Fine Arts. In the U.S., he has won the National Addy Award, The Belding Award, San Francisco Society of Communications Arts Award and the Illustration West Award.

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Eva Kolosvary has a master of fine arts degree with a specialization in printmaking from California State University in Long Beach. She attended art school in Zurich, Switzerland, and graduated from the School of Fine Arts in Budapest, Hungary.

The Texas Tech show will include about 30 prints. It will be in the Teaching Gallery, Room 5, Art-Architecture Complex. Gallery hours are 1-5 p.m. Sunday through Friday.

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8-11-8-83

ARTISTIC TOGETHERNESS--Paul and Eva Kolosvary, a husband and wife team of etchers-printmakers from California, look over some of their collaborative prints. Working together, they have produced successful intaglio prints and won numerous awards. Their prints will be displayed in the Texas Tech Art Department, Nov. 13 through Dec. 4.

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9-11-8-83

EDITOR'S ADVISORY: You are invited to participate in a news conference arranged for 12:15 p.m. Thursday, Nov. 17, at the Media Room, Lubbock International Airport, for Louise Tyrer, M.D. Dr. Tyrer (brief biography below) will be a keynote speaker for the 1983 Prime Time for Women conference "Free To Be Healthy, Free To Achieve" all day Saturday, Nov. 19, at the University Center, Texas Tech University. (The title of her address -- at 1 p.m. Nov. 19 in the ballroom of the University Center -- is "Benefits and Risks to Women's Health in the New Age.") Prime Time for Women sponsor is the Division of Continuing Education, Texas Tech University.

Louise Tyrer, M.D., has been vice president for Medical Affairs of Planned Parenthood Federation of America since 1975. Before joining PPFA she was director of the Division of Family Planning of the American College of Obstetricians and Gynecologists. She has held teaching or consulting positions at the University of Nevada, Cornell Medical Center (N.Y.), Rush-Presbyterian-St. Luke's Medical Center and Cook County Hospital, both in Chicago. She is the author of more than 50 articles on birth control, pregnancy and childbirth. Her professional memberships include the American College of Obstetricians and Gynecologists, American Medical Association, American Association of Sex Educators and Counselors and American Medical Woman's Association.

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ATTENTION: Agriculture Editors

10-11-8-83

LUBBOCK--Three outstanding agriculturalists will be honored by the College of Agricultural Sciences at the 56th Annual Pig Roast at 6:30 p.m. Thursday, Nov. 17, in the Texas Tech University Center Ballroom.

This year's recipients of the Gerald W. Thomas Outstanding Agriculturalist Awards will be S.M. True Jr. of Plainview, president of the Texas Farm Bureau; A. Wayne Wyatt of Lubbock, manager of the High Plains Underground Water Conservation District; and A.J. Kemp of Fort Worth, a retired agribusinessman and partner in the J.H. Dunn Ranch cow and calf operation north of Amarillo.

The honorees are selected by the college based on their contributions and work in agriculture in West Texas. They are not necessarily Texas Tech graduates.

The agriculturalist awards are named for Gerald W. Thomas, a former agricultural sciences professor, who is now president of New Mexico State University at Las Cruces, N.M. This award was established in 1969.

In addition to the three honorees, the pig roast will honor the college's scholarship recipients and donors and members of the six judging teams.

The pig roast started out as an informal gathering of agriculture students and now honors scholarship donors and recipients, outstanding agriculture leaders, persons and companies that have supported the college and the teams and students who have distinguished themselves and Texas Tech during the past year.

The event is sponsored by the Student Council of the College of Agricultural Sciences.

Preceding the dinner will be a 5:30 p.m. reception in the Green Room at the University Center.

Persons wanting to purchase tickets to the pig roast should contact the Agricultural Sciences Dean's Office at 742-2808 before Tuesday (Nov. 15). The tickets are priced at \$5 each.

CONTACT: Cheryl Duke

ATTENTION: Art Editors

11-11-8-83

LUBBOCK--Artistic impressions of the world's lands and peoples, painted from the late 1920s to the 1980s, go on display at The Museum of Texas Tech University, Dec. 4.

"Millard Sheets: Six Decades of Painting," a retrospective exhibition includes 100 paintings in oil and watercolor by the internationally known California artist.

In conjunction with the exhibit, Sheets will give a free, public lecture on "Contemporary Painting " at 3 p.m. Dec. 4 at The Musuem.

The exhibit, organized by the Laguna Beach Museum of Art, is a comprehensive overview of Sheets' works. Paintings prior to and just after World War II and from 1978 to the present are emphasized.

The five-week showing at Texas Tech will be the only one outside of California for the special exhibition.

In his early 20s, Sheets was already established as an artist of merit and the future appeared promising.

He first attracted attention as a young painter of extraordinary ability in his initial one-man show at the Dalzell Hatfield Gallery in 1929, the year he graduated from the Chouinard School of Art in Los Angeles. Early success in California quickly spread nationwide as he became a consistent winner in national shows, and museums began to purchase his works.

Known as an outstanding watercolorist for decades, Sheets has achieved distinction as an educator, lecturer, motion picture consultant, architect, illustrator, color and design consultant and muralist. But his first love has remained watercolor, the medium he uses almost exclusively for preparing any of his works.

He says watercolor in the 1970s and '80s has a tremendous variety and range, wonderful by contrast to 20 or 30 years ago when the watercolor methods were relatively similar and constrained.

Critics have seen something of the strength and immediacy of Vincent Van Gogh and the sensuous design rhythms of Paul Gauguin in the works of Millard Sheets. Unique to Sheets are his deliberately conceived abstract design and colors which reflect the vibrant qualities of nature and light.

Sheets uses all the standard colors except white or opaque or colors which stain the paper. He prefers what he calls broken colors because they depart from the merely representational. He uses broken colors in murals for a variety of tones and optical effects.

He uses every type of brush, but prefers the flat, white-haired Japanese watercolor brush. He always paints full sheets, 22 by 30 inches, on location, establishing the scene in the first 15-20 minutes. He regards the compositions as if they were rubber that he can stretch, changing darks and lights.

Sheets' subjects come largely from constant travel all over the globe. They include landscapes and seascapes from all countries, New Yorkers in Central Park and the activities of colorfully garbed peoples of Mali, Tahiti, Mexico and Russia. Horses, usually fanciful creatures in blue, violet, orange or red, are among his favorite subjects.

Sheets' early picturesque works blend abstract stylistic concerns with natural light, specific locations and the look of places and cultures. His taste for the exotic and extravagant is evident in his 1928 painting, "Royal Camp," as well as 50 years later in his Tahiti paintings.

During the late 1920s and early 1930s, Sheets became increasingly identified with the Regionalist movement, dedicated to the recording of the American scene. Paintings such as "Abandoned," (1934) which creates a haunting mood of ghostly pale horses in vivid contrast to the blue-black twilight, function as poetic statements rather than as documentary. They represent a private vision rather than folklore or myth.

Sheets influenced the stylistic development of California art in the 1930s. He was eager to witness and understand the human diversity of the region, recognize its cultural ties with Mexico and extract the natural and typical city and countryside life.

Sheets' idyllic period faded when he became a U.S. Air Force war correspondent and artist for "Life" magazine, covering the Burma-India front during World War II. Moved by the plight of the people of India, he recorded in art the hardships of village life and work, continuing in the midst of war and revolution. The brooding themes soon evolved into expressionistic portrayals in his work of the later '40s and '50s.

Postwar Era murals, decorative friezes and paintings are symbols of a flourishing state economy and culture.

In concept, Sheets' work follows a full circle of essential themes and images discovered early in life and brought forward to full maturity over many decades. He does not probe the nature of art, but rather illustrates his curiosity about the nature of life, humanity and the geographical wonders around him.

The exhibit is sponsored locally by the West Texas Museum Association (WTMA) and will be displayed at The Museum of Texas Tech through Jan. 8.

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12-11-8-83

"OLD MILL-BIG SUR"--This 1933 watercolor by Millard Sheets is typical of his '30s period when he was identified with the Regionalist movement and stylized California art into what is known as the "California Watercolor School." Sheets is recognized for his vibrant use of color in an expressionist manner. About 100 works by the internationally known artist will be displayed in a special retrospective exhibit, Dec. 4 through Jan. 8, at The Museum of Texas Tech University. (TECH PHOTO)

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13-11-8-83

LUBBOCK--The postimpressionist art movement and its major artists will be discussed in a lecture this month at The Museum of Texas Tech University.

Dr. Steven Bradley, art curator for The Museum, will lecture at 10 a.m. Tuesday (Nov. 15). The lecture will be repeated at 7:30 p.m. Thursday, Nov. 17.

The free lectures will cover the generation of artists immediately following the French impressionists. Art figures to be discussed include Vincent Van Gogh, Georges Seurat, Paul Gauguin and Paul Cezanne.

Bradley will provide anecdotes about the painters' lives and observations about the Europe of the late 19th century in which their movement developed.

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ATTENTION: Business Editors

14-11-8-83

LUBBOCK--Two Texas banks have contributed \$6,500 to the Institute for Banking and Financial Studies in the College of Business Administration at Texas Tech University.

Texas American Bancshares Inc. of Fort Worth donated \$5,000 and InterFirst Bank of Houston gave \$1,500. The contributions are part of a five-year, \$600,000 endowment drive for the institute, sponsored by the college's finance and real estate academic area. So far, money given to the endowment fund totals about \$200,000.

The institute fund is used for student scholarships, faculty recruiting, faculty research and research assistantships.

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15-11-8-83

(MEDIA ADVISORY: For media wishing to cover S. Russel Stearns' talk, it is expected to begin about 7:30 p.m. For more information, contact Dr. Warren K. Wray, Civil Engineering Department 742-3471)

LUBBOCK--American Society of Civil Engineers President

S. Russell Stearns will speak on problems with the nation's water supply and its supporting infrastructure during a joint meeting of the society's student chapter and area professional chapters at 7 p.m. Friday at Texas Tech University.

The dinner meeting in the University Center Ballroom is open to the public. There is no charge to attend the speech, but dinner will cost \$9.

Stearns is a senior associate in the Nashua, N.H., firm of Hamilton Engineering Associates. He is an engineering professor emeritus in the Thayer School of Civil Engineering at Dartmouth College.

In speaking engagements across the country, Stearns has been focusing attention on the nation's water supply with its extensive surface and subsurface collection and distribution systems; water quality in terms of treatment, pollution control, re-use and waste product disposal; and irrigation and drainage.

While the nation's infrastructure encompasses everything from transportation networks to utility distribution systems, Stearns is most concerned with what he calls the "invisible" or "subtle" infrastructure which is not quite as obvious to the public. The nation's water supply network falls in this category.

Stearns visit to the university is sponsored by the J.H. Murdough student chapter of the American Society of Civil Engineers.

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CONTACT: Cheryl Duke

16-11-8-83

HOLD FOR RELEASE AFTER 7 P.M. TUESDAY (NOV. 8)

LUBBOCK--Hemphill-Wells Department Stores, Dr. Idris R. Traylor Jr. and John A. Logan were honored Tuesday night for significant contributions to Southern High Plains culture.

The three received the annual Action Awards presented by the West Texas Museum Association (WTMA) during its annual meeting. The awards may be given to individuals, businesses or civic groups. Winners are selected by secret committee.

Hemphill-Wells is the first business to receive the award. In presenting it to company president Bill Collins, George Miller, a WTMA trustee and president of the Lubbock Chamber of Commerce, said Hemphill-Wells has provided funds for numerous cultural activities or various organizations in both Lubbock and San Angelo.

He said Hemphill-Wells was also honored for generous support of a host of other worthy causes, including the United Way and Texas Boys Ranch and for its community service in providing free ticket office services for performing arts activities and continually exhibiting local artists' works in its downtown store.

"Their management policy also encourages members of the firm to accept membership on boards of many civic organizations," Miller said.

Dr. Lawrence L. Graves, retired dean of the Texas Tech College of Arts and Sciences, presented the award to Traylor, director of the International Center for Arid and Semi-Arid Land Studies at Texas Tech.

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"In the fall of 1965, a brilliant young humanist came to the South Plains armed with a brand new Ph.D., several years of study in France and Austria and a love for the people and land of the great Southwest," Graves said.

He said Traylor established himself from the very first as a history and international relations professor with uncommon gifts and has made continuing contributions to area cultural life.

He developed courses in Russian and East European history, has served students in many extracurricular activities, has earned a reputation for knowing how to organize, making him invaluable for major university functions including presidential inaugurations and the Ranching Heritage Center grand opening, and has been a protocol adviser to two Lubbock mayors.

Traylor was also cited for his contributions through ICASALS, his service on numerous local and state cultural boards, 24 professional associations and as a consultant to ABC television, TIME/LIFE publications and the U.S. Agency for International Development.

B.C. "Peck" McMinn, WTMA trustee and former WTMA president, presented the award to Logan whom he characterized as an individual who consistently remains in the background and allows others to take credit.

Logan, a WTMA trustee, has been instrumental in the formation several years ago of a committee to inventory Lubbock cultural groups, in the development of the Lubbock Cultural Affairs Council and in the initiation of the annual Lubbock Arts Festival.

He has long supported community-wide institutions and was a primary supporter for the building of the new Lubbock Airport and the Civic Center.

During the meeting, Dr. Clyde Jones, museum director, and Dr. Robert Moore, WTMA president, reported on activities of the year and new officers and trustees were elected.

Museum achievements cited by Jones during the past year included national and international acclaim for historic paper doll books, "Amanda Goes West" and "Amanda's New Life," the creation of a scientific Discovery Room for pre-school children and wide recognition among professional groups for research publications in natural science, paleontology and archeology.

He said museum attendance was at an all-time high during the year with one event, "Candlelight at The Museum," attracting 8,800 visitors.

Jones said a major activity of the coming year will be entrance into the accreditation process and initiation of comprehensive planning activities for The Museum complex. He said activities and accomplishments of The Museum are direct reflections of the interest and support of the West Texas Museum Association.

Moore also cited accreditation as a primary goal for The Museum and one which is making progress. He said Dr. Jones being named permanent director during the past year is a major step forward. He mentioned also the addition of a new curator of art and curator of history as important assets.

Other goals for the organization include better access for the handicapped in inclement weather, an auditorium, a sculpture court and more permanent gallery space.

Moore said the WTMA's budget for support of museum activities in 1983 is \$246,182 and that the association has managed to stay within its budget. Special support activities included underwriting the costs of food for the 1983 Lubbock Landmark field season, a cost not covered by state funds for the project.

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17-11-9-83

ATTENTION: Business Editors

LUBBOCK--The Business Partnership Association in the College of Business Administration at Texas Tech University has started its 1983-84 fund drive with the naming of its national chairmen.

John W. Carpenter III of Dallas, executive vice president of the Southland Financial Corp., was named national chairman by Business Administration Dean Carl H. Stem. The national vice chairman will be Gary R. Peterson, executive vice president and a member of the board of directors of Nicklos Oil and Gas Co. of Houston.

The goal of the campaign, which provides financial support for the college, is to raise \$325,000 by Aug. 31, 1984. The association is in its fifth year.

Last year, the campaign netted \$319,207. Businesses which contribute during the drive become members of the association.

Carpenter and Peterson are both Texas Tech graduates. Carpenter, who also is a member of the Southland Board of Directors, has a bachelor's degree in business administration from Texas Tech and a master's degree from the University of Texas at Austin. Peterson has received both bachelor's and master's degrees in business administration from Texas Tech.

For two previous fund drives, the national chairman was Frank M. Burke Jr., chairman of the energy and natural resources practice of Peat, Marwick, Mitchell and Co. He recently was named a Distinguished Texas Tech Alumnus. An endowed chair in taxation was established in his name earlier this year and was assumed by Dr. Lawrence Phillips in July.

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CONTACT: Debbie Butts

18-11-9-83

LUBBOCK--Vera L. Simpson, associate professor of speech communication at Texas Tech University, has received the Texas Speech Communication Outstanding Service Award.

The award, presented at the Texas Speech Communication Convention in Dallas, is given annually in recognition of outstanding contributions serving Texas Speech Communication Association members and the speech communication profession.

Simpson is an active member of the Texas Speech Communication Association and has been a member of the national Speech Communication Association for 25 years. She serves as the vice-chairperson-elect of the Oral Interpretation and Theatre Interest Group of the Southern Speech Communication Association.

Simpson began teaching at Texas Tech in 1964. She earned her bachelor's and master's degrees at Texas Tech and received her doctoral degree at Wayne State University.

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CONTACT: Terri Lloyd

19-11-9-83

LUBBOCK--The hardening of cold war attitudes was the main reason for limited military aid to Latin America following World War II, according to a Texas Tech University history professor.

Professor Chester J. Pach Jr. said the United States military and political officials after the war were convinced that the United States could not combat communism on every front, so resources were concentrated in Europe and the Eastern Mediterranean where communist threats were stronger.

In an article featured in the summer 1982 issue of "Diplomatic History," Pach said the same officials realized that limits on American resources affected not only which country would receive aid but also how much aid would be given in the face of increasing cold war tensions.

Pach's article, entitled "The Containment of U.S. Military Aid to Latin America, 1944-49," won the 1982 Stuart L. Bernath Article Prize. The prize is given annually by the Society for Historians of American Foreign Relations for the best article in American diplomatic history.

The reason U.S. military officials wanted to give aid to Latin America was to "continue to preserve and extend the influence they had gained in Latin America during World War II," Pach said.

During the war, the navy and army forged close relationships with the military establishments of most Latin American countries. These relationships were important because they promised the United States access to military bases, raw materials, cooperation in economic warfare and support for U.S. defense plans.

Military officials came to realize during the war that the United States' security rested not only on a strong national defense but on a hemispheric defense as well, he said.

In order to have a standardized hemispheric defense, Pach said, a detailed plan called the Western Hemisphere Defense Program was completed. The plan called for the standardization of armaments in hemispheric military establishments.

But disagreements between the State, War and Navy Departments and congressional inaction delayed the enactment of the Western Hemisphere Defense Program.

One of the disagreements stemmed from the State Department's estimate of the cost of standardization of Latin America. "Complete standardization, according to an estimate, would cost \$1 billion, which was beyond the economic resources of Latin America," Pach said.

The depletion of surplus stock and deterioration of munitions made the Western Hemisphere Defense Program far more expensive in early 1947 than when first proposed at the end of the war.

During this time, the United States was giving aid to European countries to combat communism. As Cold War tensions increased in the Spring of 1947, American officials recognized that they could not assist all countries facing communist threats.

Forced to choose among competing demands for aid, officials relegated the Western Hemisphere Defense Program to a low priority, since Latin America did not face an immediate communist threat. During the following year, they decided to abandon the program entirely.

Pach said, "Often an impetus to interventionism, Cold War thinking actually restrained, albeit temporarily, U.S. military aid to Latin America."

Texas Tech News

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20-11-9-83

LUBBOCK--Achieving a healthy and successful life is the theme of the fifth Prime Time for Women Conference at Texas Tech University Nov. 19.

Keynote speakers for the one-day conference include an obstetrician-gynecologist and a college president. Other professionals in education, business, social services, journalism and law and persons involved in volunteer organizations will lead workshops and informal discussions.

The conference begins with registration at 8 a.m. in the Texas Tech University Center. Fees are \$20 for the general public. Texas Tech students may attend sessions free, except for lunch which is \$6. Registration should be made by Monday (Nov. 14) to assist with meal reservations.

Kennesaw College President Betty L. Siegel will speak at 9:15 a.m. on "Inviting Success."

Dr. Siegel became president of the Marietta, Ga., college in 1981 and is the first female president in the 33-unit University System of Georgia. She was dean of the School of Education and Psychology at Western Carolina University in Cullowhee, N.C., the first woman academic dean in the 90-year history of that institution.

Dr. Louise Tyrer, an obstetrician and gynecologist and vice president for Medical Affairs of Planned Parenthood Federation of America, will speak at 1 p.m. in the University Center Ballroom. Her topic is "Benefits and Risks to Women's Health in the New Age."

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Before joining Planned Parenthood in 1975, Dr. Tyrer was director of the Division of Family Planning of the American College of Obstetricians and Gynecologists.

Workshops are scheduled for 10:15 a.m., 2 p.m. and 3:30 p.m. Morning topics include women and depression, men's reaction to the women's movement, time management, being a competent health consumer, petticoat wars: women competing with women, and stress management.

Afternoon sessions will cover some of the same topics and also include sexual harassment, re-entry and preparation for re-entry, premenstrual stress, childbirth after 35, the myth of the Supermom and stages of sexuality.

During the 11:30 a.m. luncheon, there will be informal tabletop discussions led by Lubbock women on grief, joint and single child custody, selecting day-care, free-lance writing, financial investments, personal tax planning, overcoming difficulties in collecting child support, learning disabilities and alcoholism.

The one-day conference is designed to inform, inspire and help women achieve health and career success.

Keynoter Siegel has delivered more than 50 professional papers, served as a consultant in more than 135 school systems and been keynote speaker for 22 national associations and more than 200 regional and state conferences. She has given more than 100 addresses to business, professional, governmental and civic groups in 44 states, Puerto Rico and several foreign countries.

She has written one book and numerous articles. Her area of specialization is life span developmental psychology. She is also interested in early childhood education, the middle school child, invitational education, the economically disadvantaged, the aged, life-long learning and the concerns of women.

Keynote speaker Tyrer has written more than 50 articles on birth control, pregnancy and childbirth.

She has held teaching or consulting positions at the University of Nevada, Cornell Medical Center in New York, Rush-Presbyterian-St. Luke's Medical Center in Chicago and Cook County Hosptial in Chicago.

Professional memberships include the American College of Obstetricians and Gynecologists, American Medical Association, American Association of Sex Educators and Counselors and American Medical Woman's Association.

For more information, contact the Division of Continuing Education, 742-2354.

The conference is sponsored by the Division of Continuing Education in cooperation with the College of Education, College of Arts and Sciences and Texas Tech Health Sciences Center.

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21-11-10-83

ATTENTION: Science/Health Editors

LUBBOCK--A little more molybdenum in the diet may mean less cancer of the esophagus and breast, according to research conducted with laboratory rats at Texas Tech University.

(Young)

Dr. S.P. Yang, interim chairman of the Food and Nutrition Department and primary investigator for the molybdenum project, said the basic findings about molybdenum's ability to inhibit the development of these cancers is applicable to humans.

"We need to do further research to determine the best dosage of dietary molybdenum," he said. "Too much of the trace element would be detrimental."

Dr. Yang said most people, particularly in the United States, get adequate amounts of molybdenum in their diets. It is found in both plants and animals where the soil contains sufficient amounts.

He said the relationship between molybdenum deficiency and esophageal cancer was first reported in 1966 by scientists conducting research in South Africa. The soil of the area was found to be low in molybdenum and the rate of esophageal cancer was extremely high.

Yang said subsequent research has been done in Russia, China and Iran, all having high incidences of esophageal cancer.

"Investigating the content of soil, plants and water in these geographical areas, scientists found the molybdenum content to be very low," he said.

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In Yang's research, male weanling Sprague-Dawley rats were fed a nutritionally adequate, semipurified diet along with demineralized water. At the fourth week, a chemical compound known to produce esophageal and forestomach cancer was introduced into the diet and given twice weekly for two to eight weeks. Then the addition of molybdenum to the drinking water significantly inhibited the cancers which had been induced.

"Molybdenum, based on this test, appears to be an effective anti-carcinogen for the organ-specific carcinogen which leads to cancers of the esophagus and forestomach," Yang said.

There was no significant difference noted between studies using different amounts of molybdenum. So, research on the best dosage level will be the next step.

Yang said esophageal cancer in certain areas of Russia, China and Iran kills 200 persons per 100,000 population. In China, the human incidence of esophageal cancers correlates with that among chickens, a fact which reinforces the concept of the importance of soil analysis.

Breast cancers, he said, are extremely high in the United States and very low in developing countries. While molybdenum deficiency is not linked to the development of this particular type of cancer, Yang believes the trace element may be helpful in retarding breast cancer.

He tested some female rats which had chemically-induced breast cancers. He said the molybdenum inhibited the development of the cancers during the last stage.

Yang's findings on breast cancer and molybdenum were presented during the 67th Annual Meeting of the Federation of American Societies for Experimental Biology in April in Chicago.

His research on esophageal cancer was published in the July 1983 issue of the Journal of the National Cancer Institute in Washington, D.C.

The molybdenum project has received a \$60,000 grant from Climax Molybdenum Co., Golden, Colo., and support through the Texas Tech Institute for Nutritional Sciences. The project is in its third year.

Co-investigators include Hui-Juan Wei, M.D., and Xian-Mao Luo, M.D., both with the Department of Chemical Etiology and Carcinogenesis, Cancer Institute, Chinese Academy of Medical Sciences, Beijing, China.

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22-11-10-83

LUBBOCK--What does a senior citizen buy when salespeople call or write to urge the purchase of this or that health insurance policy? When is a person under-insured or over-insured?

To answer questions on health insurance, the Retired Senior Volunteer Program (RSVP) in Lubbock is initiating an insurance counseling service for senior citizens.

No insurance will be sold or recommended, but veteran insurance broker Nat Kizer, now retired, will review an individual's health insurance "package" and help determine whether too much or too little is being spent on insurance, what has value and what doesn't.

Kizer will work in cooperation with RSVP, sponsored by the Texas Tech University College of Home Economics, and in consultation with the Better Business Bureau. The BBB has offered office space for one half day a week (1-5 p.m. Thursdays) to start the program.

The service is Kizer's idea.

"Many people -- rich or poor, unfortunately, are the victims of fast-talking salesmen, mostly from out of town," Kizer said.

"Older people don't want to be a burden to their children. They don't want welfare. And they often purchase more insurance than they need.

"They need to remember that insurance companies won't let you make money off an illness, so the problem is to acquire sufficient coverage without overspending."

Kizer cited one individual who was found to hold 28 policies which drained her income almost to the poverty level.

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He emphasized that, in the RSVP program, nothing will be sold and no companies will be recommended.

RSVP personnel will set up appointments for individuals. To make an appointment for consultation, senior citizens should call 742-2423. There is no charge and no qualifications except age 60 or over.

For the consultation, individuals should bring all health policies held. Kizer will read the fine print and interpret it. He will analyze the policies to determine just what protection they offer.

"With this kind of help, individuals can decide wisely whether they want more or less and which are the better policies," he said.

Kizer has long been active in the Lubbock community. He has served on the Board of Managers, Lubbock General Hospital; Utility Review Board, St. Mary of the Plains Hospital; Executive Committee, Crime Prevention Committee, Lubbock Chamber of Commerce; Advisory Council, Lubbock RSVP; and the boards of the Plains Detoxification Center and the Walker (halfway) House.

EDITOR'S ADVISORY: Mr. Kizer is available for interviews regarding this new program. To arrange an interview, please call 742-2423.

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23-11-10-83

LUBBOCK--Two German professors who have published poetry will read from their works at 8 p.m. Tuesday (Nov. 15) in the Qualia Room of the Foreign Language Building at Texas Tech University.

Dr. Fritz Hans Konig, chairman and professor in the Department of Modern Languages at the University of Northern Iowa, and Dr. Irmgard Hunt, Texas Tech University German professor, will provide the free, public reading. Poetry and the reading will be in German.

Konig has studied and taught in Germany, Norway and Denmark. He has taught a variety of courses including seminars on modern German poetry and contemporary prose. He has published several scholarly and creative works.

His poetry volumes include, "The Moon Also Rises," (1980) and "Augenblicke," (1983). His poems have also appeared in magazines including "Schatzkammer," "Inner Reflections," "Die Brucke" and "Rocky Mountain Review."

In addition to his own poetry, Konig has translated poetry and other works from Norwegian, Swedish and Danish.

Hunt received her education in Germany and the United States, completing her doctorate at the University of Washington in Seattle. She has published scholarly articles and poetry in journals such as "Dimension," "Green River Review," "Journal of Popular Culture," "Klingsor," "Wissenschaft and Zartlichkeit" and "Schreiben und Lesen."

A volume of her poetry, "Schwebeworte," was published in Austria in 1982 and some of her poems appeared in the bilingual edition, "In Her Mother's Tongue," published in Denver in 1983.

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24-11-11-83

ATTENTION: Business Editors

LUBBOCK--The Texas Center for Productivity and Quality of Work Life is in the midst of a \$150,000 program focusing on improvement of white-collar organizational effectiveness and the enhancement of quality in work life in the Fort Worth Division of General Dynamics Corp.

The center is housed in the Texas Tech University College of Business Administration. It is directed by Dr. Barry A. Macy of the management faculty.

Macy said that the General Dynamics contract calls for four stages: providing a diagnosis of current organizational effectiveness and conditions for improved quality of work life within the three departments of the Fort Worth Division; recommendations related to possible alternative organizational changes; a cost-benefit analysis of those alternatives; and, finally, recommendations for improvement of white-collar effectiveness within the organization and enhancement of employees' quality of work life.

The sophisticated F-16 jet fighter plane is manufactured by the Fort Worth Division, but blue collar workers are not included in the current study, Macy said.

"General Dynamics, like many other private and public agencies, has become increasingly concerned about the productivity and utilization of its white-collar work force," he said. "The project's focus, as a result, is concerned with white-collar employees within the departments of Contracts and Estimating, Finance, and Industrial Relations."

The project is proceeding, he said, through a series of stages developed as researchers provide an organizational diagnosis and define steps to improve performance of the white-collar work force.

The center's research team investigates technical aspects of employee's jobs -- decision support systems, productivity measurement, integration and coordination of functions, paperwork flow.

In addition, the social or "people" aspects of the work is analyzed. This involves such things as mentoring and career development practices, reward systems, training, motivation and employee satisfaction.

Macy has said that there are two basic ways to increase productivity.

"One is to increase capital investment and technological innovations, and the second is to better use human resources.

"The second alternative is more viable for this nation in the short run," he said. "In the long run, a dual strategy combining the two is needed."

Macy is directing the General Dynamics project. Other faculty participating in the research include Dr. Ralph R. Bravoco, faculty information systems and quantitative sciences; Dr. Frank Collins, accounting; Dr. James E. Jonish, economics; and Dr. Carlton J. Whitehead, management.

In addition, there are four graduate students working on the projects. They are: Larry Wayne Norton, son of Eunice Norton, 215 Howell Prairie Road, S.E., Salem, Ore., whose majors are psychology and College of Business Administration management; Brooks James Friley, son of Mr. and Mrs. Eugene B. Friley, 4023 Lyon Drive, Columbus, Ohio, whose major is management with an emphasis in personnel and human resources; Carolus Marinus Maria Hurts, daughter of Mr. and Mrs. Antonius F. Hurts, Slotlaan 51, 1829 BC Alkmaar-Oudorp, The Netherlands, majoring in experimental psychology; and Nitin Sukumar Dasgupta, son of Saroj and Sukumar Dasgupta, 12, La Citadelle, Maharshi Karve Road, Bombay, India, whose major is management.

The Texas Center for Productivity and Quality of Work Life has three major objectives in working with public and private agencies and companies. These are to increase productivity and enhance job security; raise employees' quality of work life; and assist organizations in cutting costs and increasing product quality through worker-management joint participation in making organizational changes.

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25-11-11-83

LUBBOCK--An interdisciplinary soil conservation project in the Texas Tech University College of Agricultural Sciences has received a \$78,000 grant from the U.S. Soil Conservation Service for a two-year feasibility study of using weeping love grass to cut down on wind erosion in cotton fields.

The study is the first major project funded in Texas by the SCS, a division of the U.S. Department of Agriculture, said Dr. Robert C. Albin, associate dean for agricultural research.

The principal researcher will be Professor Richard Zartman of the Plant and Soil Science Department. He will be assisted by plant and soil science Professor Howard M. Taylor, entomology Professor Sherman A. Phillips, and agricultural economics Professor Bob Davis.

Zartman said the feasibility study will look at planting weeping love grass on the field terraces in a strip crop system to reduce the velocity of the wind hitting the cotton. "Cotton is very sensitive to wind erosion when it's young," he said.

In addition to reducing wind erosion, the researchers will study the effect of the grass on the crop, yields, weeds, total soil loss and changes in populations of beneficial or harmful insects. The study will determine if the method will be economical for the farmers.

"We want to provide data that farmers can utilize and to let them know how it works and how much it will cost to plant," Zartman said. "Sometimes, a project will work well as an experiment, but it won't be economically feasible for farmers or anyone to use."

The grass will be planted on farms in south Lubbock County owned by Don Langston, past director of the Lubbock County Soil and Water Conservation District; B.H. Piercy, director of the local conservation district; and James Mitchell, chairman of the board of directors for the High Plains Underground Water Conservation District No. 1.

A total of four fields, two on the Langston farm, will be involved in the study. One field was planted with the grass during the spring, Zartman said.

The agreement between Texas Tech and SCS was reached Nov. 1.

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26-11-11-83

PROJECT FUNDED--The U.S. Soil Conservation Service has given the Texas Tech University College of Agricultural Sciences \$78,000 to fund a two-year study on using weeping love grass in cotton fields to cut down on wind erosion. The principal investigator will be plant and soil science Professor Richard Zartman, from left, who discusses the project with Agricultural Sciences Dean Sam Curl and Mickey Black, SCS area conservationist. (TECH PHOTO)

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27-11-11-83

LUBBOCK--A \$15,000 contribution to purchase laboratory equipment for the new Petroleum Engineering Building has been given to the Texas Tech University Petroleum Engineering Department by the Getty Oil Co.

The expanded petroleum engineering facilities were occupied this semester and will be formally dedicated during Nov. 17 ceremonies.

Petroleum engineering Professor Herald W. Winkler accepted the \$15,000 gift from Jeffrey D. Ruiz, division recruiting coordinator, Central Exploration and Production Division, Tulsa.

Also representing Getty at the presentation were Roger Howard, district engineer, Midland Exploration and Production District; Forest Dietrich, area engineer, Levelland; and Debra Collins, reservoir engineer, Midland.

The tenfold expansion of the petroleum engineering facilities includes a two-story, 61,350 square-foot instructional area with classrooms, teaching laboratories, research facilities and faculty offices. A 7,388-square-foot demonstration laboratory has a large display area for showing mobile oilfield equipment and includes auditorium seating.

Contributions from the petroleum industry are being used to equip new laboratories within the expanded facilities.

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28-11-11-83

EQUIPMENT FUNDS--A \$15,000 contribution from the Getty Oil Co. will be used to purchase laboratory equipment for the new Petroleum Engineering Building at Texas Tech University. Attending the presentation are, from left, Debra Collins, Getty reservoir engineer, Midland; Professor Herald W. Winkler, Texas Tech Petroleum Engineering Department; Jeffrey D. Ruiz, division recruiting coordinator, Getty's Central Exploration and Production Division, Tulsa; Roger Howard, Getty district engineer, Midland; and Forest Dietrich, Getty area engineer, Levelland. The Petroleum Engineering Department occupied the new facilities this fall. (TECH PHOTO)

Story ideas for the week of
Nov. 13-17, 1983
29-11-11-83

Texas Tech University
University News & Publications
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Radio & Television New Service

FREE TO BE HEALTHY - FREE TO ACHIEVE--The fifth annual Prime Time for Women Nov. 19 in the Texas Tech University Center features speakers Louise Tyrer, M.D., obstetrician-gynecologist and vice president for Planned Parenthood, and Dr. Betty Siegel, president of Kennesaw College in Marietta, Ga. Dr. Siegel's interests center on life span psychology and women's concerns. A news conference with Dr. Tyrer has been set for 12:15 p.m. Nov. 17 in the Media Room, Lubbock International Airport. Contact Martha Hise, 742-2353.

HISTORIAN LOOKS AT COMMUNIST THREATS--Limited military aid to Latin America following World War II may have an impact on situations today. History Professor Chester J. Pach Jr. has studied U.S. military aid in Latin America in 1944-49, and explains aid was diverted then to countries in Europe and the Eastern Mediterranean where communist threats were seen to be stronger. Pach thinks a look back can give insight into the future. Contact Dr. Pach, 742-3725.

TOO MUCH OF A GOOD THING?--Senior citizens can find help in deciding if their health insurance is adequate, or whether insurance premiums are taking too big a bite from limited resources. Nat Kizer, a retired insurance broker, working with the Lubbock Retired Senior Volunteer Program (sponsored by Texas Tech's College of Home Economics) will council senior citizens and review insurance packages. He will neither recommend nor sell insurance. Contact Nat Kizer, 742-2423.

PIG ROAST--Three area agricultural leaders will be honored by Texas Tech's College of Agricultural Sciences at the 56th Annual Pig Roast, 6:30 p.m. Nov. 17. Receiving awards this year are S.M. True Jr., Plainview, president of the Texas Farm Bureau; A. Wayne Wyatt, Lubbock, manager of the High Plains Underground Water Conservation District; and A.J. Kemp, Fort Worth, a retired agribusinessman and partner in the J.H. Dunn Ranch, Amarillo. Contact Dr. J. Wayland Bennett, 742-2876.

For assistance in developing these and other story ideas, contact Christy Bingham or Rosemary West, UN&P, 742-2136.

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30-11-11-83

LUBBOCK--Texas Tech University's new Petroleum Engineering Building, a facility university engineering officials say ranks among the best in the nation, will be dedicated in ceremonies at 4:15 p.m. Thursday (Nov. 17).

The dedication in the building's auditorium will include remarks by Texas Tech President Lauro F. Cavazos, Board Chairman Joe Pevehouse, Development Vice President John R. Bradford, Interim Engineering Dean Jimmy H. Smith, Petroleum Engineering Department Chairman Robert E. Carlile, and Dan Moriarty, chairman of the department's industrial advisory committee.

Guests will include regents, university administrators, industry representatives, alumni and relatives of George P. Livermore, who was instrumental in securing Texas Tech's original Petroleum Engineering Building constructed in 1953.

Groundbreaking ceremonies for the expanded facility were conducted in November 1981 and the building was occupied this fall for classes. The two-story expansion encompasses 61,350 square feet of space. The instructional area for petroleum engineering includes four classrooms, eight teaching laboratories, research facilities and 12 faculty offices. The facility includes a 7,388-square-foot demonstration laboratory or auditorium. The demonstration laboratory has a large display area for showing mobile oilfield equipment and can accommodate more than 600 in fixed seats and moveable chairs.

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Engineering Dean Smith said the \$4 million expansion provides a tenfold enlargement of previous petroleum engineering facilities and makes the building one of the best in the field nationally.

"The building is certainly among the top two or three, if not the best," he said.

Department Chairman Carlile has previously served on the Accreditation Board for Engineering and Technology accrediting team for petroleum engineering and has visited the facilities at most universities offering accredited petroleum engineering programs.

"This is one of the finest petroleum engineering facilities in the United States," Carlile said. "Because of our proximity to the Permian Basin, one of the nation's major petroleum-producing areas, these facilities will benefit our students, the industry and ultimately the public."

The department has a 1983 fall enrollment of 457 students. Carlile said 80 percent of the department's students come from the Permian Basin and its surrounding area. Upon graduation, about 60 percent of the students take their initial jobs in the Permian Basin region, which is home to 11,000 or 21 percent of the 52,000 registered members of the International Society of Petroleum Engineers.

Architect for the building was the late Richard Colley.

Lee Lewis, general contractor of Lubbock, was awarded the \$3.1 million contract for the expansion. An additional \$900,000 in architectural and administrative fees made the total cost \$4 million. Planned in conjunction with the expansion is a \$450,000 renovation of the original Petroleum Engineering Building. That work began earlier this month.

The College of Engineering is conducting a \$1.8 million fund-raising campaign to provide supplemental equipment for the building's laboratories and classrooms. The Petroleum Engineering Department's 10-member industrial advisory board will meet Friday (Nov. 18) to discuss the fund drive.

Both Smith and Carlile acknowledged the extensive support given by the petroleum industry to the department in its effort to develop and equip the expanded facilities.