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The University of Texas of the Permian Basin

Volume X, No. 7, March 1984

UTPB offers monument

Beginning March 10, travel distance and time between Midland and Odessa will be shortened. That's the day Highway 191, connecting the north

sides of the two cities, will be dedicated, and a joint committee of the chambers of commerce of Midland and Odessa has launched an all-out effort to make the day's celebration a beginning of a new venture of friendship and cooperation.

As a part of that effort, UTPB will present, to the citizens of the two communities a monument dedicated to friendship. The presentation will be made by UTPB President Dr. Duane Leach, as part of a noontime celebration which will include a Chuck Wagon Gang Barbecue, marching bands from both cities, and talks by several state officials.

"We feel very privileged to have been invited to participate in this move toward closer ties between Midland and Odessa," Leach said. "It has been historically factual that when one city benefits so will the other, and when one hurts, the other will eventually feel the pain." It was for those reasons, Leach said, that the university decided to present the monument to friendship.

"We wanted there to be a permanent, very visible reminder to all of us of how much we need and depend on each other," he said "and the idea of a monument, constructed by our own people, seemed appropriate."

The Friendship Monument was designed for the university by Peters and Fields, architects at no charge, and is being constructed by UTPB's physical plant department under the supervision of Bill Reeves and Gene Barnard. The monument will stand 16 feet tall and weight nearly 30,000 pounds, and will be located in the median of Highway 191 on the center of the county line. The steel reinforced structure will be built of concrete material similar to

that used in the construction of buildings on the UTPB campus.

The Friendship Monument will have the word "Friendship" inset in nine-inch letters on two sides, and the words "Midland" on the west side and "Odessa" on the east side.

A plaque, describing the monument's purpose will be mounted near the base.

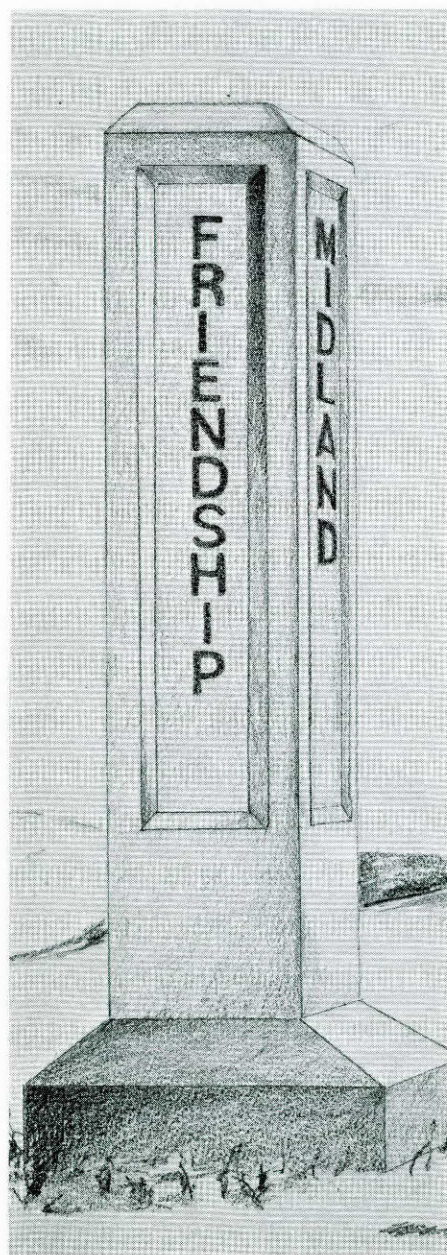
The Texas Highway Department will build exit roadways leading to the monument, and lights will be installed as soon as electrical service can be extended to the county line.

The two chambers of commerce will invite garden clubs from both cities to participate in landscaping the area.

Dedication of the north link will begin at 11:30 a.m. on March 30. There is no charge to attend, but tickets to the Chuck Wagon Gang Barbecue will cost \$5.

Speakers at the event, in addition to Leach, will be U.S. Congressmen Kent Hance and Tom Loeffler, State Congressmen Tom Carddick and Jay Gibson, State Senators John Montford and Bill Sims, Mayors Thane Akins of Midland and Bob Bryant of Odessa, and County Judges Jan Fisher of Ector County and Bill Ahders of Midland County.

The event will take place at the intersection of Highway 191 and Faudree Road. The north link will not be open to traffic until after the dedication. The only way to go to the site is to drive on Highway 80 to the Old Bankhead Highway (the entrance to Odessa Country Club), turn north and drive to Faudree Road, turn left and drive to Highway 191. After the dedication, the highway will be open. The return trip to UTPB will take less than two minutes.



Art by Barbara Heath

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Scholarships: 'for teachers only'

Scholarships for 150 area teachers will be available here this summer.

Joyce Thompson, UTPB director of financial aid and placement, said the program was organized in response to recent national and state reports focusing attention on teachers and their needs.

"This is one way we can show our support of area teachers, and our summer program offers several opportunities not available during the fall and spring sessions." Thompson

noted. The scholarships are for teachers only. "The only requirement is that recipients be practicing teachers in the Permian Basin," she added.

Scholarships will be for \$100 each and are intended to defray the cost of tuition and fees. A total of 150 scholarships will be available, with 100 designated for Midland and Ector County teachers and the remainder to teachers in surrounding districts on a first-come-first-serve basis. The awards are for summer only.

In addition to the courses available in a variety of teaching fields, the summer schedule will include methods courses and classes in bilingual education, counseling, reading, special and early childhood education and administration. A course dealing with teacher burnout is being added.

Area teachers wanting scholarship applications or further information may contact UTPB's financial aid office at 367-2354.

Oral history workshop slated here

UTPB is one of 14 sites statewide chosen for a series of Texas Sesquicentennial Oral History Workshops to be presented in 1984 and 1985.

Prof. J. Tillapaugh, chairman of history, said the workshops represent a combined effort of the Texas Oral History Association, the Texas Historical Commission and the Texas State Library. Held throughout the state and open to the public without charge, the one-day workshops will teach practical skills in oral history and will direct citizens' attention to the approaching Texas Sesquicentennial. The UTPB workshop is slated March 31.

Tillapaugh noted the programs are made possible by a grant from the Texas Committee for the Humanities,

a state program of the National Endowment for the Humanities. Workshops will focus on teaching oral history skills--recording people's memories of past events--which can be used in observing the Sesquicentennial. "Using modern historical techniques, participants will learn how to preserve their traditions, values, and remembered experiences as they observe and celebrate the 150th anniversary of Texas's independence from Mexico," Tillapaugh said.

The 14 regional workshops in the series will address such topics as beginning an oral history project, using local sources, conducting historical interviews, transcribing and editing oral memoirs, and working with recording equipment and advanced

technology. Sessions are planned for both newcomers and experienced oral historians, with attention also given to using oral history in the classroom, in the community and in the family.

Leading each workshop will be a faculty consisting of Dr. Thad Sitton, oral historian at the Texas 1986 Sesquicentennial Commission, coauthor of "Oral History: A Guide for Teachers (and Others)" and author of "The Loblolly Book;" Dr. Thomas L. Charlton, author of "Oral History for Texans" and director of the Baylor University Institute for Oral History; and Ms. Rebecca S. Jimenez, assistant director of the Baylor Institute for Oral History and a specialist in technical processing and editing of oral memoirs.

Is 'Big Brother' a real threat?

1984 today is not the same world George Orwell predicted in his fictional work "1984," but the final lecturer in UTPB's 1984 lecture series says the "big brother" concept in government may not be as far as away as some might think.

Leon C. Martel, an authority on both Orwell and on governments, will assess the accuracy of Orwell's "1984" in a lecture and discussion at 7:30 p.m. March 28 in the UTPB gymnasium.

Martel is a former executive vice-president of the Hudson Institute, the

prestigious "think tank." He was at one time in charge of the Russian and East European desk in the U.S. Navy's European Intelligence Center. He has served as an analyst with the National Security Agency, and is the author of several books.

Among questions Martel will examine at UTPB are:

Do the weapons of war which Orwell predicted exist?

Have computers, data banks, and credit bureaus robbed us of our privacy?

Is "Big Brother" a reality or a distinct possibility?

Martel will offer an assessment of just how far we are from Orwell's version of 1984, and will offer suggestions as to why Orwell's message may still be valid today.

The Martel lecture is the third in a series on the "1984" theme. Others included a debate featuring drug advocate Timothy Leary and Watergate conspirator G. Gordon Liddy, and a lecture by nuclear physicist Stanton Friedman.

History professorship gets boost

Funds for an endowed professorship in history almost doubled as The University of Texas System Board of Regents recently approved a \$90,000 gift from J. Conrad Dunagan of Monahans.

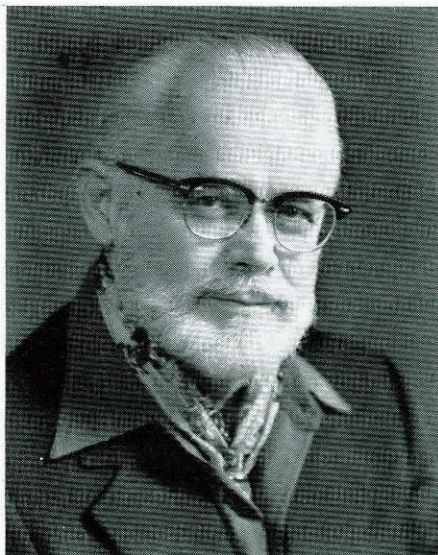
Dunagan is the donor of the initial funds establishing the professorship in 1980. The new gift, in the form of securities from Texas Electric Service Company and General Motors Acceptance Corporation, will be added to the original \$100,000 which was used to create the professorship.

The amount of both gifts is invested, and the proceeds used to supplement a faculty position in history at UTPB.

UTPB President Duane Leach, in accepting the gift, said it reaffirms the university's role in providing serious scholarship and research. "A gift such as this is so terribly significant to the university because it centers on people, which ultimately determine the quality of the enterprise," he said.

Dunagan said it was his intention in setting up the professorship to provide funds for the purpose of researching and writing on regional and business history, especially as they apply to the Permian Basin area.

Dunagan and his wife Kathlyn Cospier Dunagan are long-time supporters of the university and the



Dunagan

Permian Basin. Dunagan is founder of the Permian Honor Scholarship Foundation which awards dozens of scholarships each year to top-notch students in the Permian Basin who want to attend area community colleges and UTPB. He is also a member of the UTPB Development Board. The Dunagans are the donors of a second endowed professorship in the humanities and of a fellowship program for graduate students in history.

Dunagan said he and his wife share a concern for the area where they spent much of their married life. "Those people who lived and prospered here ought to strive to make the community

Three approved for business advisory group

Three area residents have been appointed to The University of Texas at the Permian Basin College of Business Administration Advisory Council.

Appointed to a two-year term on the council was R.Y. Walker, manager for the regional office of ARCO Oil and Gas Company in Midland.

Also appointed for a two-year term was Walter Cline, president of Texas National Bank of Odessa. Earl Husband, account representative for Desert American Insurance Agency of Odessa was re-appointed for a three-year term.

The appointments were approved by The University of Texas System Board of Regents meeting in Houston Feb. 9-10.

The UTPB College of Business Administration Advisory Council, composed of business persons from throughout the Permian Basin, is organized to communicate to students and industry leaders the importance of business education and to advise the College of Business Administration on the needs of local business and industry.

where they prospered a better place in which to live," he said.

The current holder of the J. Conrad Dunagan Professorship in History is Prof. Roger Olien, who has held the position since its inception. Olien came to UTPB from Southern Methodist University in 1973 where he was an assistant professor of history. He had previously taught at Brown University where he also served as a resident fellow and assistant to the dean of the college. He has written numerous papers for the Texas State Historical Association and the American Studies Association.

In addition to the endowed professorship, Olien has received grants from the Texas Historical Commission and the Petroleum of Midland. Olien and his wife, Diana, have written a book entitled "Oil Booms," which was published by the University of Nebraska, and recently completed a second manuscript on the independent oil operator scheduled for publication in June by Texas Monthly Press. They are also researching blue-collar workers and entrepreneurs in the oil industry. Olien also is the author of a book, "From Token to Triumph: The Texas Republicans Since 1920," which outlines the history of the Republican Party in Texas.



Olien

Wellness program to open

UTPB is the site for a new community wellness program, scheduled to open to the public March 23.

Prof. Lois Hale, chairman of physical education, noted limited physical testing has been occurring for several months. "The interest has been high, and we are continuing to coordinate equipment and personnel for the community program," she added.

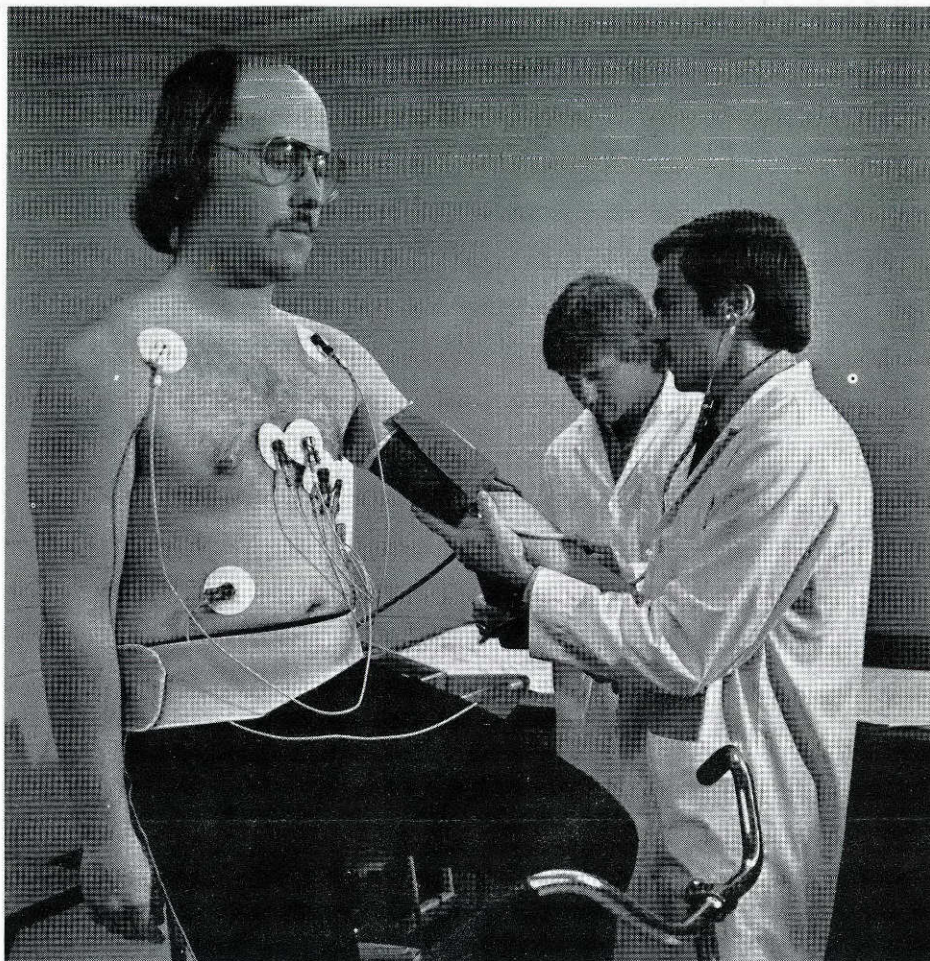
Sponsored by the Faculty of Physical Education, the project is being developed as a new preventative medicine program to evaluate a person's current risk for coronary artery heart disease and total fitness level.

Prof. Werner Hoeger, physical education, said the new program will be organized around the idea that the best medicine is preventative in nature.

"Current research indicates that more than 53 percent of all disease is self controlled," he said. "Presently, the two leading causes of death in the United States are largely preventable. About 71 percent of all deaths in the country are caused by cardiovascular disease and cancer. Approximately 80 percent of these could be prevented through a positive lifestyle program," he added.

Hoeger said the new preventive medicine program at UTPB will provide individuals and organizations with complete, accurate and high quality fitness assessment, individualized exercise prescriptions for fitness improvement, and establishment of coronary risk profiles. In addition, counseling services are planned for groups or individuals for cancer risk reduction and heart disease risk reduction and fitness improvement. Recommendations for the establishment of corporate fitness programs and recommendations for overall health improvement also will be available, along with follow-up testing on a regular basis to detect risk reduction and health and fitness improvement.

He said the program will utilize a battery of medical fitness and lifestyle tests, which will be used as diagnostic tools for the establishment of coronary heart disease risk profiles and fitness levels.



Prof. Werner Hoeger, physical education, administers one of the many physical performance tests available to the community through UTPB's new Community Wellness Program.

"Since test results are different for every individual, each person stands in need of his own personal programs. The test results will be used to prescribe individualized programs aimed at increasing physical fitness and promoting personal wellness," he said.

"We plan to offer counseling sessions designed to thoroughly explain the importance of good physical condition in the prevention and reduction of heart disease risk and the improvement and maintenance of good health. Test results, exercise prescriptions and other components such as cardiovascular fitness strength and flexibility development, diet and weight control, blood pressure control, stress management, smoking cessation, cancer prevention and general

positive lifestyle changes will be discussed," he added.

Hoeger, who was technical director of a preventative medicine clinic in Rolling Meadows, Ill. before he came to UTPB this fall, said he hopes the wellness program at UTPB will be open to the public within the next couple of months. Components of the community program have already been provided to UTPB faculty and staff during sessions this fall.

Because students will be taught methods used in the wellness program, the project will not only provide a community service, but will offer practical experience to students as well, he said, noting student participation will allow the program to be offered to the public at a minimal cost.

UTPB students gain insights into working with handicapped

Physical education is taking on a new dimension for nine UTPB students this spring. They are participating in a new adaptive physical education program which gives them experience with handicapped students.

Prof. **Lois Hale**, chairman of physical education, said the new course is part of a project which began more than a year ago through a federally funded adaptive physical education program headquartered at Texas Woman's University.

The program is called GrassRoots Adapted Physical Education in EcoSystems (GRAPES). "The GRAPES project provides adaptive physical education training to university personnel who in turn establish adaptive physical education programs on their own campuses with the cooperation of area organizations and institutions which provide services to the handicapped," Hale said.

Providing hands-on experience for UTPB students this spring was the culmination of more than a year of preparation. Hale completed post

doctoral coursework in adaptive physical education and began locating agencies willing to participate with the university in providing practical experience for students last spring. She organized a program in cooperation with the Ector County Independent School District (ECISD) and the Texas Special Olympics. University students were placed with these agencies for the first time this spring.

"The idea is that the program will benefit the university and its students, the agencies involved, and most importantly the handicapped persons of the area," she said.

"We are really pleased to have been able to include ECISD in the program. One reason we are working there is that this year, they are the only school system in Region XVIII with adaptive physical education personnel, with the possible exception of Big Spring," she said.

ECISD coordinators included Harold Green, coordinator of physical education, Floy Henson, director of

special populations; and Robert Durrett, director of secondary education curriculum.

Working directly with UTPB students in the field are adaptive physical education teachers Tedde Birkhead and Dawn Wileman. Students work under their direction to become acquainted with the special aspects of adaptive physical education. They observe and finally conduct classes on their own before the end of the semester.

"Right now all the UTPB students involved in the program are placed either with an adaptive physical education teacher in special physical education classes for the handicapped or with the Texas Special Olympics," Hale said. UTPB students now have the opportunity to work with orthopedically handicapped, mentally retarded, and visually handicapped individuals.

Hale noted students are working in the field at the same time they are learning in the classroom. "The students log what they observe in the field and how this relates to what they are learning in the classroom," she said.

At the end of the semester, Hale said, essentially three things can happen: One, the P.E. major could get turned on to adaptive physical education and could get special education endorsement. As a part of the program, he could continue interest in adaptive physical education. Two, students could get regular physical education jobs where they will have handicapped children mainstreamed, and they will be better prepared to deal with them. Finally, if students find jobs in other fields entirely, they will have knowledge about the handicapped and a different attitude with less stereotyping and labeling.

Hale said the adaptive physical education course and practicum will be offered each spring and will be a requirement for all physical education majors who intend to be certified as teachers.



Physical education student Pamela Boatwright, right, gives tips on technique to a Special Olympics Bowling contender as part of a course she is taking on adaptive physical education.

Professor explores mystique of petroleum spot market trader

There is an entrepreneur in the higher levels of the oil and gas industry whose comings and goings carry a hint of mystery and whose financial dealings are as shrouded with uncertainty as is the world oil industry itself. He may headquarter himself in Singapore, London, or Rotterdam; and he stands at a critical point between the world's producers and users of oil and gas.

He is the world crude oil spot market trader, and he buys and sells tankers full of crude much like a fruit vendor buys and sells apples.

Permian Basin petroleum industry personnel and students at The University of Texas of the Permian Basin are gaining insights into the spot market trader and his effect on the industry as the result of a UTPB management professor's summer research in Rotterdam, The Netherlands.

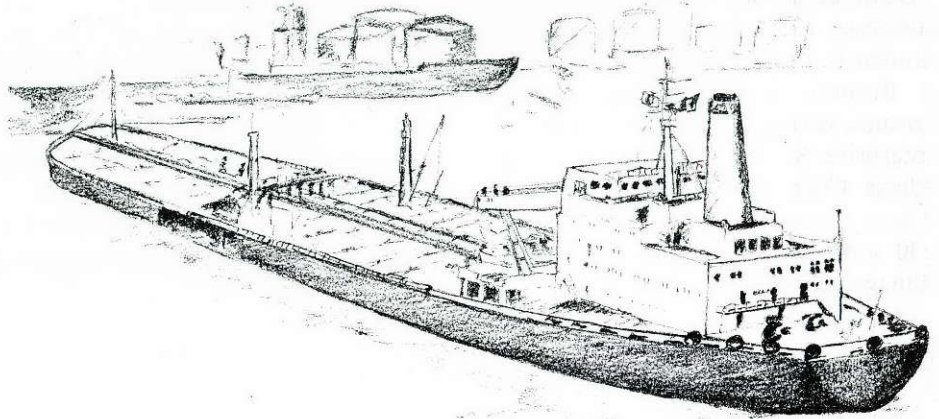
"Rotterdam is the deepest port in the world," said **Prof. Waylon Griffin**, chairman of management. "The biggest oil tankers in the world dock there, and some of the biggest oil deals in the world are made there!"

Griffin went on the fact-finding trip after learning that little has been written on the spot market; there were no textbooks and few sources of information.

"It intrigued me," he said. "I was offering a new course at UTPB on oil and gas marketing, and here was a vital link in the world crude marketing network that seemed to be unknown by those outside it."

In the Scandinavian city, Griffin said he came face to face with "...the traders; people whose daily decisions determine their survival..." in the spot market.

"A trader is a principal; he buys tankers of crude oil for his own account, he is not a broker," Griffin said. "A broker never takes possession of the product, but merely acts as a commissioned seller; the trader buys and takes ownership of a tanker's cargo of crude, and then sells the oil to refiners who have a relatively quick need of crude," he explained.



The uncertainty of today's global oil and gas market has caused the traders to become more active, according to Griffin.

"A tanker of crude oil may change hands many times before it reaches its final destination at some pipeline, refiner, or storage facility," he said. "Traders don't like to hold inventories too long, and that means it is not necessarily true that every time a shipload of crude changes hands a profit is made; sometimes a trader will take a loss, especially if the market changes before he has an opportunity to make a profit."

Griffin said the trader's product is not merely crude oil; rather, it is the instant availability of crude. Without the spot market trader's willingness to speculate on the spot market, oil companies and refineries would be forced to one of two actions: to stockpile supplies of crude until demand is up; or face production delays until the raw oil can be shipped to the refinery for processing.

The spot market trader steps in and eliminates both the need for stockpiling and for production delays, and that's what makes him a vital link in the world marketing system.

And here, said Griffin, is a fundamental concept that everyone in the oil and gas industry should know. "The traders, as a group, perform the

function of balancing supply and demand in the world crude oil market."

Because of the fluctuations in the crude oil market, said Griffin, long-term contract buying of crude has diminished, and rapid buying and selling of crude, to match the ups and downs that exist in both the supply and demand sides of the world market, has become more commonplace. "Oil companies do not always know how much product they're going to need at any given time period; sometimes the refineries need a lot of crude to process, and sometimes they need less," he said. Refiners have learned that it is much easier to locate a trader who has a tanker full of crude waiting to be refined than to make arrangements to fill one at a distant port and ship it to a refinery, during which time period the demand could vanish. "You can see how you wouldn't mind, as an individual company, paying the trader a small profit to make sure the crude is around when you want it," noted Griffin.

"On the other hand," said Griffin, "the market could go down, and the trader can find himself selling a tanker of crude at a loss just to free his capital; like any other businessman, at the end of the year he hopes he has made more good decisions than bad."

See GRIFFIN, p. 8

Population seminar planned here

A seminar looking at current and future population situations throughout the Permian Basin is scheduled on the UTPB campus March 27.

Dean **J. Edwin Becht**, College of Business Administration, said the seminar is a joint effort of the College of Business Administration and its Permian Basin Center for Business and Enterprise Studies, the Midland and Odessa Chambers of Commerce and Odessa College. The program will run 8:30 a.m. to 3 p.m., in the UTPB Management Suite.

"Although the seminar is an attempt to zero in on total population figures, it also will discuss other changes within the population mix such as county and city totals, family size, age distribution, income levels and age groups. In short, we are interested in examining the changing population factors that affect planning for industries, markets, schools, hospitals and government units," he said.

Becht said seminar participants will consider shifts in population in relation to the economy.

"The future of our area is tied to its people," Becht said. "People to work and to produce, and people as a market form the basis of our economy. Those of us living here are keenly aware of the area's faltering economy, and in turn, we recognize a need to understand how our economy is impacting our population statistics. In this regard, there seems to be a general overtone that changes in our population are underway, but little agreement on just what is the present number or composition of our people and the direction of changes underway," he said.

Among the speakers for the seminar are Frank Kasko, employment service office manager, Texas Employment Commission of Odessa; Edward Miller, employment service office manager, Texas Employment Commission of Midland; Jerry Ischowner, director of physical data, Permian Basin Regional Planning Commission; Sam A. Listi, assistant director of planning, City of Midland Planning and Development Department; Joe Carithers, planner, City of Odessa Planning Department; Ismael F. Olivas, staff specialist--forecasting, Southwestern Bell Telephone Company of El Paso; A.R. "Tina" Sigler, staff supervisor, Southwestern Bell Telephone Company of El Paso; Payton E. Cook, coordinator of special services, Midland Independent School District; Edward K. Downing, director of special services, Ector County Independent School District; Fred Nelle, manager of urban transportation studies, Texas Highway Department; Bill Williams, Midland postmaster; Kyle Scarborough, manager of customer services, U.S. Postal Service; Pamela Leach, marketing director of Midland Park Mall; David Paterno, director of research, planning and evaluation, Odessa College; and Corbett Gauden, director of UTPB's Permian Basin Center for Business and Enterprise Studies.

Pianist to perform March 30

Bernice Lipson-Gruzen, well-known virtuoso pianist who has played with major orchestras throughout the United States and was highly acclaimed when she appeared in Carnegie Hall, will appear in concert here March 30.

Scheduled at 7:30 p.m. in the UTPB Founders Building performance area, the concert is sponsored by the UTPB Office of Student Life and is free and open to the public.

The New York-born musician was the first--prize winner at the age of 13. However she interrupted a promising career to diversify her talents, and earned advanced degrees in anthropology, psychology and music, and resumed her studies at the piano.

Several years later, after a highly successful European tour, she re-entered the American musical scene, and a Carnegie appearance elicited a glowing review from the New York Times critic. She has subsequently

performed regularly across the country in recital and with major orchestras, achieving increasing popularity and recognition as a major artist.

Her recent album with the Peking Central Philharmonic gave the distinction of being the first woman from the West to appear with the orchestra in concert.

Cello recital on tap March 11

Lubbock musician and former Odessa resident Kathleen Smith will present a cello recital in the UTPB Founders Building performance area at 2:30 p.m., Sunday, March 11. The event is free and open to the public.

Smith, who has played cello for the Lubbock Symphony for the past six years, is principal cellist for the Texas Tech University Symphony Orchestra. She is currently a graduate music student at Tech.

Accompanist for the recital will be Jennifer Garrett, music faculty member at Texas Tech University.

THE WINDMILL

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Managing Editor . Leland Martin
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Magnetic Keyboard

Operators Carla Usrey
Vickie Granados

Catherine Schaefer, daughter of Prof. Thomas Schaefer, management, died Feb. 28 after a lengthy illness. Burial was in Odessa Cemetery under direction of Easterling-Wilson Funeral Home of Odessa.

Calendar @ etc...

The works of UTPB alumni **Robert and Carla Poindexter** are featured in an art exhibition open through March 22 in UTPB's third-floor art gallery.

The Poindexter exhibition is free and open to the public. Gallery hours are 9 a.m.-7:30 p.m. Monday-Friday. The exhibition will remain through March 22.

The UTPB Art Association's fourth annual intercollegiate art exhibition will open in the university's fourth-floor gallery at 7:30 p.m. March 22.

Prof. **Pamela Price**, art, said the exhibition will be a juried show representing the works of art students throughout the state. It is funded entirely by the student art association and competition is open only to college and university students.

Graduate Management Admission Test (GMAT) will be offered at UTPB on June 16, 1984.

Students interested should turn in their applications to Jeannie Austin in

the Dean's Office for the College of Business by April 18th.

GMAT booklets with applications and sample tests are available in both the Registrar's Office and the Dean's Suite.

Part two of a classic film of the 1936 Olympic games, which were held in Berlin, will be shown March 7 in the student lounge cinema area.

Prof. **Lois Hale**, physical education, said the film is scheduled at 7 p.m. There is no admission charge.

The film documents the acrobatic events, sailing, rowing the pentathlon, decathlon, soccer, bicycle races, mass calisthenics and a famous diving sequence.

A cardio pulmonary resuscitation (CPR) training session will be open to UTPB faculty and staff here March 8.

Prof. **Munroe Shintani**, education, said the training is sponsored by the American Heart Association and will be taught by Merrie Ann Woodward,

director of special care units at Women's and Children's Hospital.

Two sessions will be offered--one from 8 a.m.-noon and one from 1-5 p.m. Classes are limited to 15, and some staff have already reserved space. Persons interested in taking the CPR training should contact Shintani at 367-2243.

Domino's Pizza representatives will be on campus from 9 a.m.-4 p.m. March 7 to interview all business majors for management trainee positions. For further information, contact the placement office at 367-2354.

GRIFFIN, from p. 6

The trader, according to Griffin, "Justifies his position in the world marketplace because he provides a bridge between production and consumption."

A detailed analysis of the spot market trader, his effect on world oil industry in the Permian Basin and the state of Texas, are incorporated into Griffin's course at UTPB.



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