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# THE Windmill

The University of Texas of the Permian Basin

Vol. IX No. 4, December 1982



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# Regents approve MS in geology

The UT System Board of Regents meeting in Austin Dec. 2-3 approved UTPB's request to establish a master of science degree in geology and to submit the proposed program to the Coordinating Board for approval.

UTPB Acting President **Donald Rippey** said if the Coordinating Board approves the plan this spring, the new degree program could become effective in the fall of 1983.

**Dean Robert Reeves**, College of Science and Engineering, said the demand for a graduate program in geology has been evident in the Permian Basin for several years.

"The demand for master's degree holders in this field is high and is expected to remain so for the foreseeable future.

The third largest concentration of practicing geologists in the United States is in the Permian Basin. Only Houston, where many of the major oil companies have concentrated their headquarter staffs, and Denver, the center for intensive mineral and energy exploration of the Rocky Mountains, have larger numbers of geologists," he said.

Reeves noted the UTPB College of Science and Engineering Advisory Council has unanimously endorsed the expansion of UTPB's engineering and geology programs.

"A recent bulletin of the American Association of Petroleum Geologists lists about 1200 geologists from Midland and Odessa, and there are probably that many more who are not members. UTPB

alone has graduated 120 geologists through its bachelor's degree programs and probably 80 per cent of these have stayed in the area," Reeves said.

Reeves noted the masters degree in geology could require 30 semester credit hours, including 24 semester credit hours of classroom work, three semester credit hours of field work and three semester credit hours of thesis.

"A full-time student would ordinarily be able to complete the master's degree in one and one-half years. This would involve two semesters of full-time coursework, summer work in the field, and one semester of writing the thesis. Part-time students taking six hours per semester would be able to complete the degree in two and a half to three years," he said.

## Tech to offer doctorate here

Permian Basin educators will have the opportunity to pursue doctoral study here as the result of an agreement between Texas Tech University and UTPB.

The plan, to begin in January, calls for Texas Tech to offer the doctoral degree in educational administration. Several UTPB graduate courses may apply toward the degree, and Texas Tech professors will teach additional courses on the UTPB campus. Doctoral residence requirements will be modified for Permian Basin students.

The first Texas Tech course in the program to be taught at UTPB will be Educational Administration 5381, Poli-

tics and Power Structure in Education. Class will meet at 5:30 p.m. each Friday night throughout the semester, beginning Jan. 14. Registration will be at the first class meeting.

Texas Tech University chairman of educational administration **Weldon Beckner** said the new plan is one of three programs Texas Tech is now conducting throughout the state. Others are at UT El Paso and Abilene Christian University.

We got interested in offering the program at UTPB as a result of inquiries from several students in the area. We also have a number of students commuting from Odessa and Midland. "We decided to

try to offer some of the course work in the Permian Basin and have one professor commute rather than have a full class to commute," he said, noting at least 15 students would be needed to continue the program.

**Prof. Don Miller**, acting chairman of education at UTPB, noted that while a number of UTPB courses, taught by UTPB faculty, will be used to support the program, courses taught by the Texas Tech faculty on the UTPB campus will be open only to those students who have been admitted to the doctoral program.

Although Texas Tech will be responsible for the quality of the degree, its content and requirements, UTPB educational administration faculty may serve on the doctoral advisory committees for students going through the program.

**Admission to the doctoral program** will be limited to students who have an MA degree in educational administration or 36 acceptable credit hours. Course work will include a minimum of 90 semester hours beyond the baccalaureate degree, including a 12-hour dissertation.

Doctoral residency requirements, usually including a year of study on the Texas Tech campus, would be handled by having students complete nine hours at Tech during the summer, three here in the fall, three at Texas Tech during the Christmas session, three more at UTPB in the spring, and finally nine hours in the summer at Texas Tech.

## Calendar

Dec. 10	Last day of classes Last day to drop classes Last day to withdraw from the university
Dec. 13-16	Final examinations
Dec. 16	Semester ends
Dec. 23-30	Staff Holidays
Jan. 3	A new work year begins for staff
Jan. 12-13	Spring Registration
Jan. 17	Classes begin

# Christmas woes?

*"What do I buy for Aunt Mary this year for Christmas, and what about Uncle Bob, or cousin Charlie? I never know what to get them for Christmas."*

This is a hypothetical question, but it seems that everyone has an Aunt Mary, Uncle Bob or cousin Charlie that makes Christmas shopping more work than pleasure.

Fear no longer, because the UTPB ACM chapter will soon be at shoppers rescue. Students have a booth at Permian Mall to help everyone in their gift selection by supplying computerized gift lists.

**Prof. Yonina Cooper**, computer science and mathematics, said university computer students along with computer club members from Permian High School will be at the booth at noon through 9 p.m., Nov. 29-Dec. 24.

She explained that UTPB students are preparing programs based on information gathered from the stores in the mall.



"Shoppers can supply the computer with information such as age, sex, interests of those on the shopping list as well as the price range. The computer will then print out a shopper's list of the merchan-

dise available in various stores in the mall," she explained.

"Besides the advantage of having some ideas on hand for Christmas shopping, the computer will tell the buyer in which store the merchandise is available. Also, if a participating store runs out of a particular item, they can alert us at the booth, and we can strike it from our computer. That will also save shoppers time," explained Jeff Choat, president of the UTPB ACM club.

## Who's Who selects 32

The 1983 edition of Who's Who Among Students in American Universities and Colleges will carry the names of 32 students from UTPB who have been selected as being among the country's most outstanding campus leaders.

Campus nominating committees and editors of the annual directory have included the names of these students based on their academic achievement, service to the community, leadership in extracurricular activities and future potential.

**They join an elite group** of students selected from more than 1,300 institutions of higher learning in all 50 states, the District of Columbia and several foreign nations.

Outstanding students have been honored in the annual directory since it was first published in 1934.

### THE WINDMILL

Published monthly when classes are in session by The University of Texas of the Permian Basin News and Information Service, Odessa, Texas 79762. Distributed free to students, staff, faculty, alumni and friends of the university.

Managing Editor . . . Leland Martin  
Associate Editor . . . Debbie Bennett  
Magnetic Keyboard Operators . . .

Carla Usrey  
Jetta Boyden

**Students from Odessa** include Kent Armstrong, government senior; Jeffrey Clay Choat, computer science junior; Ellen Driebergen, computer science junior; Lana Fulton, mass communications junior; Robin Goldberg, psychology senior; JaLynn Gordon, psychology senior; Phillip Green, psychology senior; Bill Holderman, computer science senior; Gyh-Min Liu, mass communications senior; Lou Ann Maney, earth science post baccalaureate; Anna Payne, computer science senior; Sherri Reeves, mass communications senior; Terri Riggs, sociology junior; Charles Russell, government senior; and Donald Stewart, earth science senior.

**Students from Midland** include Pat Bingham, psychology senior; Pamela Dale Black, speech junior; Joseph H. Chancellor, mass communications senior; Cassandra McKeel, psychology post baccalaureate; Russell Manning, literature junior; Heidi Goebel, Spanish senior; Cheryl Mayne, literature junior; Joni Pearson, earth science senior; Janis Rose, earth science post baccalaureate; Sharel Sims, psychology senior; and Georgina Trevino, psychology senior.

**Also included are** Charles Hardeman of Crane, government junior; Toni Helmer of Kermit, music senior; Heidi Hofmann of El Paso, math senior; John MacDonald of Lamesa, earth science junior; and Molly Esterl of Littleton, Colo., management senior.

Students will be using an ATARI 800 computer system to produce the gift suggestion lists, donated by Games People Play, and a screen donated by J.C. Penney's.

UTPB students will be manning the booth each day until 4 p.m., Monday-Friday, until the computer students at Permian High School recess for Christmas holidays. The Permian High School computer club members, under the direction of Ron Kern, sponsor, will be responsible for assigned hours.

Cooper noted that UTPB students are preparing the programming by information supplied by the mall office. "The mall sent questionnaires to all of the mall stores so each store could list its merchandise, the item's cost and its appeal, as well as age and other data necessary for data entry into the computer.

"The gift suggestion list is also created according to a price range for the gift and will be printed for a 50 cent donation per list," she said.

Also, programs have been written to produce Snoopy and E.T. cartoon characters, with mottos, names, messages and calendars available. The cost for the cartoon character is \$1, with 50 cents for the first line of a message, 25 cents for each additional line and 25 cents for the 1983 calendar, with the program computing the cost of any combination of cost for each item.

# 'Land of Incas' tour slated

A week-long trip to Peru, the land of the Incas, will be the climax of a travel course being offered here this spring.

Prof. Frank Samponaro, history, said the three-semester-hour course may be taken for graduate or undergraduate credit in history. The study of the Inca Indians—the last ancient civilization to occupy Peru—will be conducted each Saturday from 10 a.m.-noon before the trip in the spring. Registration is slated January 12-13 in the UTPB student lounge.

The actual trip to Peru will begin Saturday, March 26, when students board a flight from Midland Air Terminal to Lima, via Miami, Fla. Once in Peru, students will have activities planned for each day of their stay, beginning with a tour of Lima.

The fifth largest city in South America, Lima is known for its early Spanish culture and beautiful cathedrals. While in Lima, students will visit the city's famous Gold Museum and the ancient ruins of Pachacamac outside Lima, as well as the National Archaeological Museum.

Students will fly from Lima to Cuzco for a tour on Tuesday. Cuzco is believed to be the oldest inhabited city in the Western Hemisphere. Founded by the Incas as their capital, it is still largely populated by their offspring. After a period of adjustment to an altitude of 11,400 feet above sea level, students will tour Cuzco before they board a train for Machu Picchu, the mysterious "lost city" of the Incas. Students will return to Cuzco for another full day before returning to

Lima to spend a day on their own prior to the return flight to Midland on Saturday, April 2.

Samponaro said anyone is eligible to take the course who has completed at least 60 hours of coursework at an accredited college or university. The course also may be taken through ENCORE,

UTPB's no-grade option.

The price of the trip is \$1795, plus tuition and fees. The price includes round-trip airfare, transfers, luggage handling, tours, guides, busses, and all meals except in Lima.

Persons wanting further information may contact Samponaro at 367-2116.



One of many sights students will see in and around colonial Williamsburg this spring.

## Williamsburg trip on tap

A spring travel-study course in American history will offer opportunity to area students whether they are casual history buffs, travel lovers, or serious history students.

The course, History 489 or 689, will feature Saturday lectures Jan. 22-March 19, followed by a trip to colonial Williamsburg March 27-April 1. Spring registration is slated Jan. 12-13 in the student lounge.

Prof. Mary Quinlivan, history, said the course carries three hours credit and may be taken for graduate or undergraduate credit or through UTPB's no-grade ENCORE program. Students who do not qualify for regular enrollment

may register through UTPB's continuing education program.

Students enrolled in the course may take family members on the trip, Quinlivan said.

She noted course work will include reading, lectures, discussions, movies and slide and tape presentations on early Virginia history, as well as a look at social life in 18th century Virginia, Thomas Jefferson's world, and the development and restoration of Williamsburg.

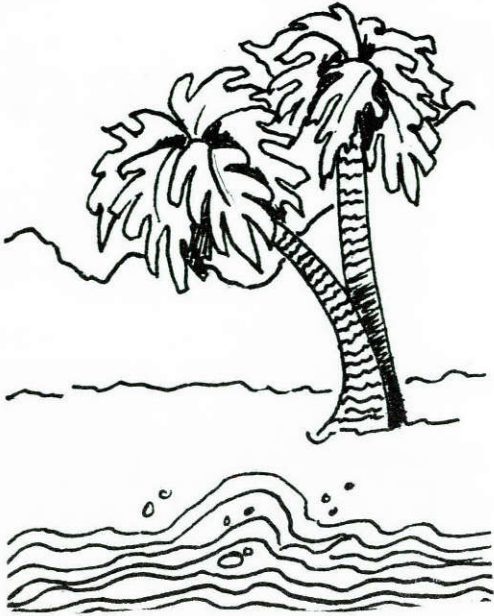
"By the time of the trip, students will be well prepared to visit Williamsburg and other historic sites in Virginia," she said.

The itinerary for the trip will include two full days of sightseeing at colonial Williamsburg, visits to Jamestown, York-

town, Carter's Grove and Charlottesville, tours of the University of Virginia and Montecello, and sightseeing in Washington D. C.

Cost of the trip will be \$676, including round trip airfare, transportation in Virginia, double occupancy lodging, all meals, admissions, gratuities and local guides, and comprehensive medical and liability insurance. A deposit of \$75 is due at the time of registration with the balance due Feb. 19. The trip cost does not include tuition and fees to be paid at the time of registration.

Persons desiring further information may contact Quinlivan at 367-2398 or 332-5872.



# Prof plans Polynesian paradise

As the hectic pace of Christmas shopping builds, a UTPB instructor is making plans for a summer Polynesian rendezvous for UTPB and Midland College.

Prof. Anne B. Hyde, anthropology, is planning a travel course which will end in a tour of Polynesian Islands May 29-June 12. "I would like to see prospective students thinking ahead and making plans for the trip. Some may want to consider giving this travel course to a husband or wife as a Christmas gift," she said.

Hyde noted the course represents a cooperative effort between UTPB and Midland College. Students from both schools will meet together for lectures prior to the trip and will travel together. Outside readings and class projects will be included in the work for the various classes.

Midland College students will enroll for Archaeology 2302, Special Problems in World Cultures: Peoples and Cultures of Polynesia. UTPB students may enroll for Anthropology 489 or Behavioral Science 689: Peoples and Cultures of Polynesia.

Included in the course is a series of Saturday orientation lectures prior to the trip. Students will spend May 29-June 12 on the trip with tours scheduled on Tahiti, Moorea, Society Islands, Viti Luvu and Fiji.

"We will visit cultural centers, archaeological sites and museums and explore traditional villages and modern cities during the trip, Hyde said, noting students attending the tours will participate in on-site seminars and discussions.

The Saturday lectures scheduled prior to the trip are open free of charge to anyone interested in attending, Hyde said.

The first lecture will include an overview of the prehistoric exploration and settlement of Polynesia at UTPB on April 9. The second lecture, to be conducted at Midland College, will

examine Polynesian archaeology with case studies of the Fijian and Society Islands April 16. The final Saturday lecture will look at ancient and contemporary Polynesian cultures with case studies of Fiji and Tahiti on April 23 at UTPB.

One of the tours on the trip will include the Society Islands, Tahiti and Moorea including the Gauguin Museum, botanical gardens, Point Venus, Matavai Bay, Faaruamai waterfalls, the lagoonarium, local plantations and others. Also included will be places of interest in Papeete, the capital city, and tours of Cook's Bay, Belvedere Overlook, Opunohu Valley archaeological sites, farms, villages and other places of interest in Moorea.

At Viti Levu and Fiji, students will visit the Fiji Museum, botanical gardens, Fijian and Indian markets, Grand Pacific Hotel and other places of interest in Suva, the capital city. Sigatoka Valley plantation, villages and archaeological sites also will be included, along with visits to the National Dance Theatre of Fiji, the Orchid Island Gardens and the Fijian Cultural Center.

Cost of the trip is \$2250 plus tuition and fees at UTPB or Midland College. Covered in the trip cost is roundtrip airfare, transfers, luggage handling, hotel rooms at double occupancy, all tours, guides and busses.

Persons wanting further information on the course may contact Hyde at UTPB, 563-2400.

## Library reveals holiday hours

Holiday library hours and a change in procedure have been announced by UTPB Library officials.

Richard Riley, director of library services, said the library is initiating a new policy on sending notices of overdue books and library materials to students.

"Beginning immediately, we will be sending only one overdue notice. We hope this will avoid confusion on the part of students and make circulation procedures more efficient," he said.

He said students had previously received as many as three overdue notices, and sometimes received a notice after a book had been turned in.

Riley noted that all library materials

are due in the library for the end of the semester by Dec. 16. Students wishing to check out materials between semesters may do so with written permission of instructor, he said.

The last Sunday for the library's special Sunday hours in preparation for finals is Dec. 12 from 2-5 p.m.

The library, which will be closed for the Christmas holidays, will reopen Jan. 3. Library hours will be 8 a.m.-5 p.m., Monday through Friday until Jan. 17 when regular library hours will become effective.

Regular hours are 8 a.m.-10 p.m., Monday-Thursday, 8 a.m.-5 p.m., Friday and 10 a.m.-6 p.m., Saturday. Sunday hours will be scheduled again prior to spring final exams.

# Virginia Brown, on tennis: "start young; but it's never too late"

Just when do you start preparing to become a good tennis player? According to Virginia Brown, UTPB tennis coach, it is best to learn at a young age, but it is never too late.

Brown is currently conducting a junior development program at UTPB for child-

## WANTED: 'Windmills'

The UTPB library, in updating its collection of *The Windmill* and its predecessor, *The Newsletter*, is missing several issues and asking the help of long-time UTPB employees or alumni who may have saved copies of these issues. If you have these in your collection, please contact Tess Rees in technical services, phone 367-2272.

### Newsletter:

May 5, 1972	June 16, 1972
June 30, 1972	Aug. 25, 1972
Sept. 15, 1972	Oct. 6, 1972

### Windmill:

July 27, 1973	Jan. 24, 1974
Jan. 17, 1974	Jan. 10, 1974
March 20, 1974	Sept. 26, 1974
Oct. 10, 1974	Oct. 17, 1974
Oct. 24, 1974	April 3, 1975
May 12, 1976	Jan. 30, 1977
Nov. 16, 1977	Oct. 1978
May, 1980	

ren up to the junior high level, as well as working with a men's league.

The children's development program is self-supporting, with each session costing \$6 per child. The third session is now underway. The men's league on the other hand, is a development tool for the tennis program at UTPB. "The fees for the men go into a project fund for scholarships for the women's tennis team at UTPB.

"Working with children is just a bit different than working with adults. Children must view tennis as a fun sport, hence, they have to have fun participating in the game," she stated. She noted if the kids view the game as work, they are likely to loose interest before they really learn the game.

Brown said the group in this session has greatly improved. "They know how to hold their racket, plus can hit the ball; two things they hadn't been able to do at the beginning of the sessions," she explained.

There are no requirements for participating in the program except a willingness to learn a little about tennis. Besides learning the game of tennis, the kids learn about competition and team sports, Brown said. Kids have to learn that there are a lot of losses before the win," she noted, adding that kids must learn they cannot start at the top, but have to accept defeat to gain the victory.

The man's league is also part of a strategy to make Odessa and the sur-

rounding area take notice of the tennis talent. "One of the goals of the junior achievement programs is to develop these youngsters so they can compete in the sport of tennis in school athletics, and to build community interest in tennis," she explained.

One marked difference in working with the adults and youngsters is score keeping. Adults have learned to be competitive and keep a careful eye on scores, while the kids will play for the fun. "It is really difficult to get the kids to keep score. They want to play but don't want to feel defeat, for themselves or their opponent," she said.

She added when coaching the kids it is important to make them feel good about themselves, which improves their game. "Kids can only be pushed so far; they could lose interest in the game." One of the rewarding things about coaching kids is to see their attitude change, she said.

In the session she is teaching now, there was one kid that really didn't want to be on the court. He is now enjoying the game, and has much more confidence in himself," she explained.

Brown noted that she is open for suggestions on forming other tennis interests in the area. "We have some real talent in Odessa—some of that talent being only 10 years old," she noted.

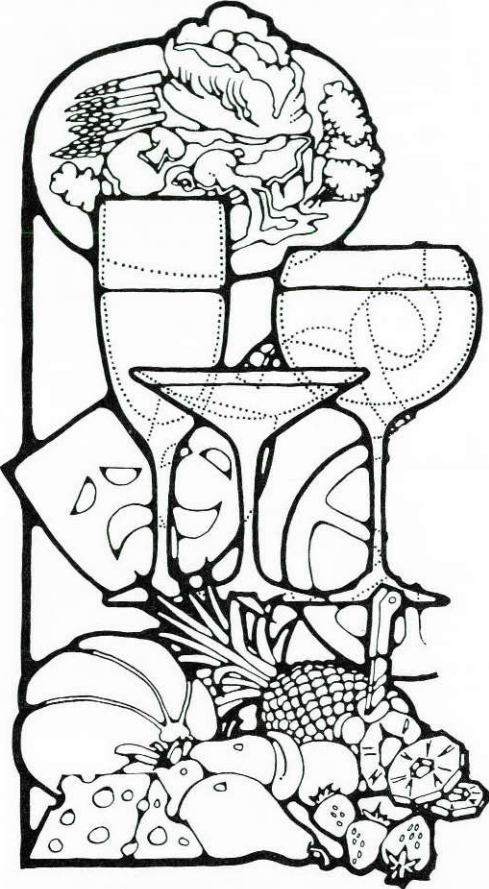
For more information regarding the tennis programs, Brown can be reached at 367-2136, ext. 568.

Leaning in the game prepares participants to volley in the junior development program which UTPB tennis coach Virginia Brown is currently conducting. Brown says tennis must be fun and she strives to make learning the game a joy.



# Take care (no joke)

**Do you take good care of yourself?** Twenty-one students enrolled last spring in Contemporary Human Health, LFSC 303, thought so. They all spent many dollars on food each month, some jogged and played tennis and racquetball, three were pre-medical students, and several were mothers and fathers. But a class



project brought their well-being into clearer focus, often shockingly!

**Prof. Edwin Kurtz**, life science, said the class project brought their well-being into clear focus--often shockingly!

He noted that the project asked each student to make a diary containing the following information for ten consecutive days.

"Each student recorded what and how much he ate and drank; how long he slept; minutes of each kind of muscular activity such as sitting, walking, running, stair climbing, etc.; and how much salt he added to his food," he explained.



Some of the surprises about the 21 students were: four had diets deficient in vitamin A, five deficient in pantothenic acid, five deficient in B12, four deficient in vitamin C, and 13 deficient in vitamin E.

Six had diets deficient in phosphorus, seven deficient in potassium, 12 deficient in calcium, six deficient in iron (all females), and 13 diets were deficient in zinc.

Six students had diets deficient in five or more minerals and vitamins.

**After the 10-day period**, a detailed analysis of food constituents (fats, proteins, carbohydrates, vitamins, minerals, and table salt) and other data were made. Each student's data were then compared with the recommended daily allowances and other recommended health practices.

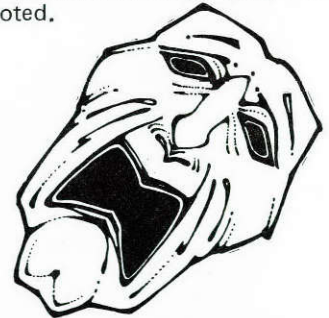
That's when the shocking results became apparent.

**The average student** ate a diet containing 39 percent fat, considerably over the amount recommended by most nutritionists, with only one student eating from all four food groups. Seven students ate less than one serving each day of fresh fruits and vegetables, and most students did not eat breakfast or three meals a day.

Kurtz added the average student ate nearly twice as much protein each day than is recommended. "This is not a risky habit, but it is costly." He noted the average student also ate nearly ten times more table salt than the body needs each day, and exercised strenuously for just 36 minutes during the whole 10-day period.

Kurtz said the most positive health habits of these 21 students were that they averaged nearly eight hours of sleep each night, and each drank nearly two quarts of fluid and ate only about 1800 food calories each day.

"It is truly sad that in America, where we have such a diversity of food available to us, including an abundance of fresh fruits and vegetables, we tend to persist in eating foods of limited nutritional value and rich in fats, sugars, and salt," he noted.



However there was a happy side of the class project on personal health habits: some of the students did something about their well-being. "Several now regularly exercise (strenuously!) and many have changed their eating habits for the better," he explained.

Kurtz noted that it is easy to learn more about the proper eating and health habits by enrolling in Contemporary Human Health (LFSC 303) this spring. The course is scheduled for Tuesday and Thursday, 4-5:15 p.m.

## Physical plant director to assume position Jan. 1

**Oscar E. Reeves** of Peru, Neb., has been named director of physical plant at UTPB, effective Jan. 1. He replaces Jerry Tedford who resigned in March of 1982.

Reeves, an employee of Peru State College, Peru, Neb., for the past 10 years, currently serves as superintendent of buildings and grounds. In that capacity, he has been responsible for physical plant, custodial, security and capital construction and renovation.

In addition to previous positions at Peru State College in electrical work, air conditioning, welding, plumbing and maintenance, he was previously employed by Johnson Motors Company in Auburn, Neb. and General Motors Corporation in Arlington, Tex.

A graduate of Peru Normal School, he holds certificates from several training centers dealing with air conditioning, management and physical plant administration.

## Oil show video now available in UTPB library

A 30-minute documentary on the 1982 Permian Basin Oil Show currently is available to professors and students at area community colleges and UTPB.

The educational video tape, "Oil Show on Parade: the Permian Basin Oil Show," was written and produced by Prof. Waylon D. Griffin, management, and directed and edited by Wayne Hawkins, technical staff assistant for UTPB's Instructional Media Services.

Griffin said the documentary features interviews with participants of the recent oil show. "The interviews focus on the central purpose and effectiveness of this type of equipment promotion," he said.

Griffin noted the documentary is available by contacting the UTPB library.

## Deadline announced for GMAT

Dec. 8 is the deadline for students planning to make application to take the Graduate Management Admissions Test (GMAT) at UTPB Jan. 29.

Dean J. Edwin Becht, College of Management, noted that students planning to pursue the master of business administration degree at UTPB must make a satisfactory score on either the GMAT for the Graduate Record Examination.

He noted students who miss the Dec. 8 deadline may be required to travel to another university test site in order to sit for the examination. The next regularly scheduled test date is March 19.

The 1982-83 GMAT bulletin of information and registration forms are available in the deans' suite on the fourth floor of the UTPB main building. Registration forms must be sent directly to the Educational Testing Service.

## Performance area, faculty offices on tap this spring

UTPB will soon advertise for bids on creating a number of new faculty offices on the second floor and for constructing a performance center in the Founders Building as the result of recent recommendations made by the campus space allocation committee.

Acting President Donald Rippey said the committee made a number of other recommendations which are under consideration, but that these two particular projects could begin immediately.

Rippey said he hopes the work on the performance center and offices will be completed early in the spring semester.

The new office space will provide private offices for a number of UTPB faculty who are now sharing offices.



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