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Windmill

The University of Texas of the Permian Basin

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Cover photo by Jerry Liu

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Tours highlight summer courses

Tours of England, New England and the Polynesian Islands will highlight three travel courses being offered at UTPB this summer.

A two-week tour of historic England is slated June 18-July 2 as part of History 489/689, Panorama of England. Students may take the course for graduate or undergraduate history credit or they may enroll in UTPB's no-grade Encore program.

Prof. **Frank Samponaro**, history, who is teaching the class, said students will meet for English history lessons on selected evenings June 1-15 prior to making the trip.

Samponaro said the class will be limited to 30 persons. "Great care has been taken in arranging the itinerary to allow our group ample time to see the fascinating sights both in the English countryside and in London," he said.

Included in the itinerary will be sightseeing at Chartwell, the former home of Winston Churchill and Hever Castle, the birthplace of Anne Boleyn. Also included will be tours of Stonehenge, Winchester, Bath, Leeds Castle and Worcester. Students will see the Lake District of English literary fame, Stratford, Oxford, Blenheim Palace and Woodstock before their final London destination.

Four days in London will feature sightseeing at Westminster Abbey, Houses of Parliament, Buckingham Palace, the Tower of London, and St. Paul's Cathedral among other sights.

Cost of the trip is \$2,360 for double occupancy, plus UTPB tuition and fees. Prices include roundtrip airfare from Midland/Odessa, transportation in England, hotels, guided sightseeing tours, luggage handling in England, 13 dinners, seven lunches and continental breakfasts daily.

Samponaro said those making the trip will be asked to pay a \$1,000 deposit by May 1 to Sanborn's Travel Center of San Antonio. The remainder will be due by June 3. Relatives or friends of persons enrolling in the class may accompany the students to England.

A week-long tour of New England will highlight History 489/689, New England Heritage.

Prof. **Mary Quinlivan**, history, said students may take the class for graduate or undergraduate credit in history. Persons not interested in a degree may enroll in

UTPB's no-grade Encore program. Those with fewer than 60 college credits who do not qualify for regular registration in the upper-level university may enroll through a continuing education program.

Quinlivan noted family members may also accompany students on the trip.

Students taking the class will meet from 5:30-8 p.m. each Monday and Wednesday June 1-29. Instruction will include reading, lectures, discussions, movies, and slide-tape presentations on Plymouth, Boston, Salem, Lexington and Concord, Mass.

Students going on the trip will fly from Midland to Boston July 9. Tours will include a walking tour of historic Boston, a visit to Bronson Alcott's Utopian Community of the Fruitlands and the Living Museum of Sturbridge Village. In Plymouth, students will see Plymouth Rock, Mayflower II and the Living Museum of Plymouth Plantation. The site of Salem Witchcraft, the Rebecca Nurse House in Danvers, will also be included, along with a bus tour of Salem, the Essex Institute in Salem and the House of Seven Gables.

Visits to Lexington and Concord will be included before the return flight from Boston to Midland.

Quinlivan said the cost of the trip will be \$633, including round trip airfare, transportation in Massachusetts, double occupancy in hotels, baggage handling, entrance fees and the services of American Field Services staff in Boston, Plymouth, Salem and Concord. The trip price does not include tuition and fees paid to the university, she said.

Quinlivan noted the group will be limited to 35 persons, and airline ticketing must be done immediately to avoid a possible rise in the cost of the trip.

A series of Saturday lectures has already begun for persons planning to take Anthropology 489 or Behavioral Science 689, Peoples and Cultures of Polynesia, which ends with a Polynesian tour May 29-June 12. Students may also enroll for the course at Midland College by taking Archaeology 2302, Peoples and Cultures of Polynesia.

Hyde said the travel course represents a cooperative effort between UTPB and Midland College. Students from both schools will meet together for the lectures prior to the trip and will travel together.

Outside readings and class projects will be included in the work for the various classes.

"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.

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.

Enrollment for any of the summer travel courses will be conducted during UTPB's regular summer registration May 27 in the student lounge.

Amoco winner to be Named at Convocation

Outstanding upcoming graduates and UTPB's top faculty member will receive recognition at the Seventh Annual Honors Convocation slated at 2 p.m. April 28 in the student lounge.

Each year the UTPB Honors Convocation recognizes outstanding upcoming graduates in each academic discipline and students who are listed in Who's Who among American Universities and colleges. Several excellence awards also are given.

The Amoco Award for Outstanding teaching also is presented at convocation. The \$1,000 cash award is given on the basis of knowledge of teaching fields, enthusiasm and enjoyment of teaching and organization and presentation of materials. Nominations come from students, faculty and staff.

Amoco finalists are Profs. **Sean Kelleher**, government; **David Hopkins**, physical education; and **Patricio Jaramillo**, education.

Guest speaker for the convocation will be Dr. Jess Parrish, president of Midland College since 1981. Previously, he was appointed by the State Commissioner of Education to become the founding president of Shelby State Community College, which was being planned to serve residents of Memphis and Shelby County, Tenn. By 1981, Shelby State Community College had an enrollment of more than 5,600 students and was teaching classes in more than 40 locations including a \$21 million mid-town campus. Plans were being made for another major campus at that time.

Academic Cooperative Exchange



Plan to be unveiled

Approximately 15,000 high school and community college students, parents, and educators from throughout the Permian Basin are invited to the unveiling of a new cooperative plan involving Howard College, Midland College, Odessa College and UTPB April 21.

The event, scheduled at 7 p.m. in the student lounge, is designed to introduce area students to the new program which will be called the Academic Cooperative Exchange (ACE).

The April 21 event will feature entertainment and refreshments as well as information on the ACE plan. It is designed to introduce area students to the advantages of starting a university experience at their own community colleges.

The ACE campaign is a move by UTPB and the community colleges to announce their future plans and involve prospective college students in ACE before it begins in the fall.

Acting UTPB President Donald Rippey noted the ACE program came about as a result of the Permian Area Cooperative

Academic Plan (PACAP) which The University of Texas System Board of Regents recommended in an effort to provide a four-year college experience to Permian Basin residents. Dr. Jess Parrish, president of Midland College and chairman of the PACAP executive committee, said ACE is an appropriate title for the program scheduled to begin this fall.

"We call it academic because it is open only to university-bound students. It is cooperative because it combines the opportunity and experience of the community college with UTPB. And it's an exchange because community colleges and UTPB will exchange faculty and ideas as well as excellence in programs to give students a double exposure to higher education," he said.

Parrish noted the ACE night, which is designed to introduce students to the ACE program, will be informal. "Students

will have the opportunity to meet college presidents, faculty and counselors and ask questions about the program. We hope many of the area students will decide April 21 to enroll as ACE students at their own community college," he said.

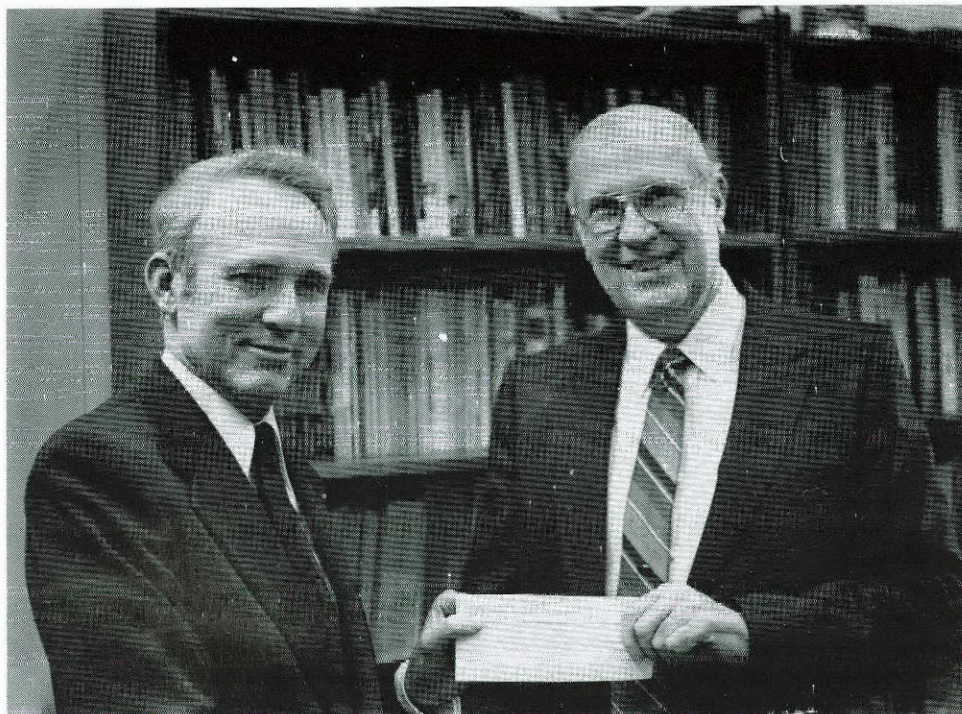
"We want to identify UTPB students early so we can begin cooperative counseling and get the students involved in UTPB from the beginning," he said. "If they get university counseling from the beginning of their freshman year, they will have a smooth transition to the university. ACE students will also have access to university activities while they are enrolled in community college," he added. PACAP has been in the planning stages since the UT System Board of Regents adopted a policy last October to establish collaboratively developed and implemented programs between area community colleges and UTPB.

UTPB Alum named Texas' top engineer

A UTPB alumnus who is completing a doctorate in chemical engineering at Texas Tech University, was named Texas' top student engineer in a scholarship contest conducted recently by the Texas Engineering Foundation.

Michael O'Hara, who was named UTPB's top engineering graduate in 1981, received a \$2,000 graduate scholarship from the foundation.

Prof. Thomas Hyde, control engineering, said O'Hara competed with engineers from The University of Texas at Arlington, The University of Texas at Austin, Texas A&M and Texas Tech University. He was chosen to represent Texas Tech from applicants in architecture, civil engineering, mechanical engineering, chemical engineering, industrial engineering and electrical engineering.



E. E. Clark, right, manager for the Permian Basin Region for Phillips Petroleum, presents a \$15,000 check to Dean James Colwell, College of Arts and Education. The gift from the Phillips Petroleum Foundation, Inc. is unrestricted, and thus may be used for scholarships, special equipment, faculty recruitment or other uses for which state funds may not be spent.

With profs' assistance—

Young high school scientists

By Debbie Bennett

Often the scientist is thought of as someone who is constantly doing research, wearing a white coat and appearing so intelligent he can't quite relate to the "normal" individual. But a group of biology and chemistry students at Permian High School found that UTPB professors didn't fit that stereotype. Instead they found mentors who were willing to take their free time to help high school students get started as scientists.

The students in advanced chemistry and biology classes competed in a recent science fair in Big Spring as part of a class project.

As part of the requirements for entry into the science fair, students had to conduct research with a qualified scientist or an individual who possesses an earned doctoral degree in science or medicine as an adviser.

That is where the UTPB professors become involved. Professors **Florence Gardner**, life science, **Don Allen**, life science, **Ed Kurtz**, life science, **J. Michael**

Robinson, chemistry; **Jim Olson**, psychology, **Robert Gerry**, education and **Tom Grice**, laboratory director, helped the students with various projects.

"We gave the students ideas on research material available and helped in setting up their experiments," noted Prof. Ed Kurtz, life science.

Mrs. Stephanie Kern, biology teacher at Permian High School, said the students first did the research, then conducted the experiments and completed a paper on the subject. "Although it is not a requirement for advanced biology students to do a project such as this at the present time, we think it was so beneficial that we would like to incorporate it into regular curriculum for the advanced students," she said.

Kern noted this was the first time in over 10 years students competed in the annual science fair. Twelve students entered the contest and a total of twelve awards were given, she noted.

"Students did not know what to expect at the fair. Besides doing the research, they had to make a display that explained

their project, and be able to answer the judges' questions," she explained. She said judges were most interested in seeing that the students had done their own work and developed their own ideas.

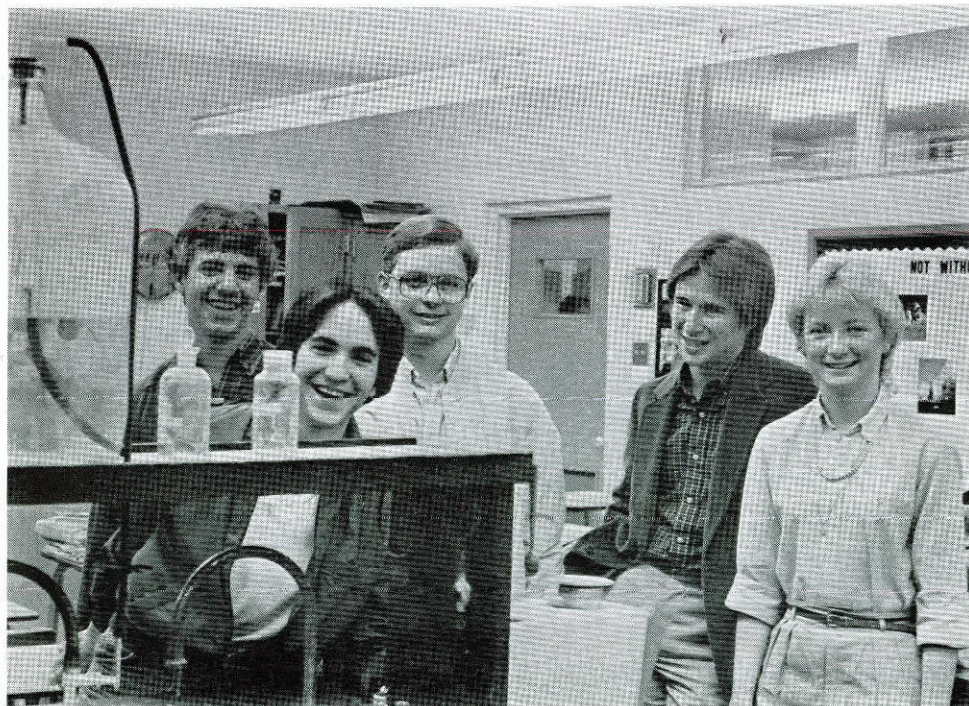
"The students really enjoyed working with the UTPB professors and we certainly appreciate all the extra time they spent with our students," she noted, adding that most of the students left Permian at 2 p.m. and went to UTPB to work on their experiments, often staying until 7 p.m. or later.

Thang Ngo decided to brush his teeth a little more often after comparing the human mouth with a dog's mouth. With the help of Prof. Gardner, the high school junior took samples from the mouths of six people and nine dogs and studied the results. "I found the dog's mouth and the human mouth to be very similar," he giggled, adding it certainly impressed on him the importance of brushing your teeth.

Prof. Olson helped Sean Dennis find caffeine increased a rat's mental ability during his project. Sean used a Skinner's Box and monitored the intact of caffeine on rats and found they made fewer mistakes when they had doses of caffeine. Sean walked away from the science fair with two awards, the first place in the behavioral science category and a behavioral science award from the Air Force.

Brett Naylor won an award from the U.S. Naval Institute for "The Water Temperature Preference of Fish." Prof. Allen gave her assistance on the project. First she acclimated the fish to a certain temperature and then placed the fish in a non-toxic aluminum tank. The fish were able to swim back and forth from one temperature area to another. "I found the fish stayed in the water that they were adjusted to, even when they were acclimated to the warm water, and even though there is not as much oxygen in the warm areas," the high school senior noted.

Gayle Everett worked with Profs. Kurtz and Gardner on her project "Starch Blockers-Calorie Counterers." Although she received a second place award in the biochemistry category, she would like to do more research. "I found that the starch blockers did not affect metabolism. I would like to do further studies on the



Permian High School students who worked with the UTPB professors include from left to right, Sean Dennis, Toddy Wilkensi, Jeff Russell, Rob Wiley, and Gayle Everett.

gather information plus awards

side affects of the starch blockers," she noted.

Prof. Gerry worked with Michael Hodges on setting up a behavioral study in which he compared memorization capabilities. Using his classmates, the young scientist asked students to memorize material and recite it individually and in front of a camera, a group and a tape recorder. He discovered his classmates did the best in front of a group.

Deborah Jones studied bacteria growth in the mouth. She swabbed the mouth with a sterile swab, then tested for bacterial growth. "I learned to identify the bacteria that causes strep throat and food poisoning. She used photography as well, taking photos of the bacteria for her science fair display, and walked away with the Eastman Kodak Award for Photography. Prof. Gardner helped her with her initial work.

Susan English completed a project entitled "Does Caffeine Affect Blood Pressure?" Prof. Olson, helped her with the study. She came back from the science fair with a first place award in the medicine and health category, an Outstanding Science Project Award from the U.S. Army, an award for medicine and health from the U.S. Air Force and the American Society for Microbiology Award.

Susan used her little sister and other children in her neighborhood in the research. She had the children write down everything they ate which contained caffeine for 10 days, and took their blood pressure at the same time each day. She used a computer to find the results.

"I found that the children's systolic pressure consistently rose after eating caffeine, but there wasn't enough difference in the diastolic pressure to make a difference," she stated.

Jeff Russell took a second place award in the microbiology category with his project, "Carcinogens as determined by the Ames Test on Bacteria." "After talking with Dr. Kurtz and Dr. Gardner, I decided to run the Ames Test on natural foods such as fruits, since the federal government does not require those foods to be tested," he explained. He noted some of the natural foods were carcinogenic, but he was not ready to change his eating habits.

Rob Wiley took two awards for his project "The Eyes Have It," one the

Auxiliary of the Texas Optometrists Association Certificate of Excellence and another from the American Society for Microbiology. "I learned a lot from the research that Dr. Allen has conducted on fish eyes--in fact, I'm interested in doing more research," he stated.

Todd Wilkensi worked with Prof. Robinson on his project that took a third place prize in the chemistry division. "I basically went to grocery stores and looked at the labels on canned and bagged dog food to determine which was the most economical in terms of the protein, fat and fiber content," he stated.

Tim Wilbanks studied copepods, under the direction of Prof. Allen as well. Tim found that the lobster-like creatures were affected by temperature by studying the rate of gut contractions.

The only member of the class who didn't use a UTPB professor was senior Lori Elam. Since her dad is a doctor he acted as her adviser. She studied the effect red food coloring had on fish growth. She took a third place in the bio-chemistry category.

Editor's note--

After I got a lead on this story and started to look into the matter, I found much more than I expected. First of all, I had the idea that these kids were doing something they probably had to do for a grade--but after talking to one of the teachers, Mrs. Kern, I saw such overwhelming enthusiasm, I decided to talk to the students themselves. I was somewhat unprepared when I talked to these kids. They obviously knew what they were talking about, (It was at this time I realized I needed a refresher course in biology). It was great to hear them say such wonderful things about UTPB and the professors involved, but even more gratifying to listen to these young peoples' aspirations. I was interviewing future doctors, ophthalmologists, lawyers and leaders. They all had goals and I feel the professors as well as the Permian High School sponsors--Mrs. Kern and Mrs. Barbara Skillern--play a large part in giving direction to these young people. The teachers' dedication is apparent--they walked away from the science fair with two (out of three) awards presented to sponsors by the American Society for Microbiology.



Other students from Permian High who participated in the science fair are from left to right, Tim Wilbanks, Thang Ngo, Lori Elam, Brett Naylor, Deborah Jones, Michael Hodges and Susan English.

Fitness program fits needs

So you think you need some exercise. How about walking, jogging or running? Perhaps weight lifting or swimming? Or maybe aerobic dancing or jazzercise? How do you decide what's best for you?

The UTPB physical education faculty has the answer. You don't have to enroll in a class to find out about it and it doesn't cost a dime. It's a slide-tape program available to the public which teaches individuals how to design a physical conditioning program to fit their needs, their strengths and their weaknesses.

Prof. **Dave Hopkins**, physical education, said the program, entitled "Teaching Lifetime Fitness," by Dr. David L. Laurie, Jr. and Dr. Charles B. Corbin teaches the basics of fitness and how to design a personal fitness program.

The program consists of 10 lessons including such topics as how much exercise is enough, cardiovascular fitness, strength and muscular endurance, flexibility, exercise and fat control, programs of exercise, exercise and fitness guidelines, exercise fallacies and cautions and plan-

Fun run slated Here April 30

The UTPB campus will be the site of an age-group Muscular Dystrophy Association fun run April 30.

UTPB Student Life Director **Woody Kupper** said the run will include one-mile, five-kilometer (three mile), and 10-kilometer (6.2 mile) runs.

Trophies and certificates will be given to the various winners in the run. Prizes will be awarded to the fastest runners and for those who reach the closest predicted time in their particular age group.

Entry is \$4 in advance or \$5 at registration. Registration will begin at 8 a.m., with the run starting at 9 a.m., **Kupper** said.

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Managing Editor . . . **Leland Martin**
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Magnetic Keyboard Operators

Carla Usrey
Jetta Boyden

ning a personal fitness program.

"This program is designed for the person who doesn't know much about exercise, who doesn't have time to take a regular class, but wants to get himself into good physical condition," **Hopkins** said.

"What most people think of when they think of good physical condition is looking good, but the most important is the condition of the cardiovascular

system. If the heart and circulatory system work efficiently, the rest tends to fall in place," he said.

"Anyone wanting to use the program may check it out in the UTPB library at the circulation desk. Tape recorders and projectors are available in the media-microform room of the library. People can go through the entire 10-lesson program or simply choose those lessons which are of particular interest, he said.

UTPB student senate officers Named for upcoming year

Two Monahans students have been named to the top posts in the UTPB student senate. They are President **Caren Brown**, psychology junior and Vice President **Kevin Acker**, management senior. The two will take office at the close of the 19 '3 spring semester.

Student Senate president and vice president are elected each spring to serve a one-year term. Secretary and treasurer as well as student senators are elected in the fall.

Outgoing Student Senate President

Bill Holderman, computer science senior from Odessa, said Student Senate accomplishments for the past year have included submission of an honors graduation plan, review of the student services budget and a recommendation to increase student fees to allow for more student activities in the coming years, and a review of student activities and planning of various lectures and mixers on campus.

He said the student fee proposal must be approved by the UTPB administration and the Board of Regents.

Four year status still in legislative Process by workings of "Friends"

A house bill and a senate bill which would open the way for four-year status for UTPB are currently in limbo in Austin as various committees consider the future of the upper-level university.

Both bills call for four-year status, subject to approval by both The University of Texas System Board of Regents and the Coordinating Board, State College and University System.

Linda Camp, aide in Rep. Jay Gibson's office, said a hearing has been requested for that bill in the House Higher Education Committee. She said if the committee reports favorably the bill will go to the calendar committee to be placed on the calendar for the entire House. She noted the bill also could be referred to a subcommittee for further consideration.

"House Bill 598 is still in the beginning stages," she said. "The companion

bill in the Senate is a little further along."

Billy Atkins, legislative assistant to Sen. John Montford, who has introduced Senate Bill 1041, said testimony for the bill was interrupted in the Senate Education Committee April 6. Testimony was due to be completed April 13.

Atkins said if the bill is voted out of committee, it could be submitted within 48 hours for inclusion on the calendar for the entire Senate.

A. K. Barlow, chairman of the Friends of UTPB, a group of Permian Basin residents dedicated to elevating UTPB to a four-year university, said the bills are still in transition. "Progress carries on. We're due to finish testimony in the hearing for the Senate Education Committee. Testimony in the House Higher Education Committee is the next hurdle," he added.

Cat lovers to the rescue!

By Starla Lacy

While two cats have been adopted by UTPB students, faculty and staff as unofficial mascots, one, an orange cat known as UT, has generally taken the limelight...that is until recently.

UT's other half is a black and white variety known by several names. Some call him "Spot" and some call him "PB" (to finish out the UTPB name-sake). Others just call him "cat." But when the unnamed feline was injured in an automobile fan belt accident recently, his patrons came out of the woodwork.

After the late February accident occurred, "Spot" (the name which appears on his tags), eluded the dozens of concerned campus students and staff who sought him out. However, after several days, the determination of Prof. **Florence Gardner**, life science, and **Tom Grice**, director of laboratories, succeeded, and Spot was rounded up and taken off to University Small Animal Hospital under the care of local veterinarian Bruce Gardner (Florence's husband).

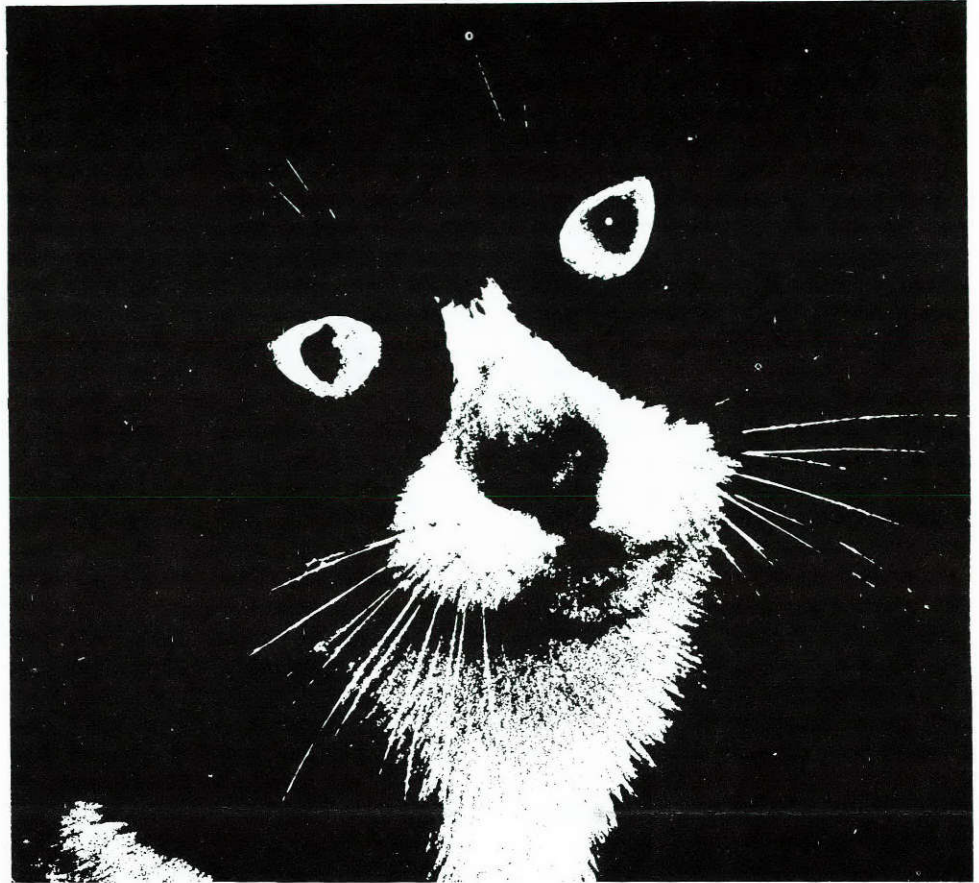
As Spot's injuries were quite extensive, his friends set up a fund in the library to pay for the veterinary supplies he needed. Enough money was donated and then some, which will be used to pay for next year's shots for both cats. Librarian **Elizabeth Smith** said that not until the cat was injured did they realize just how many people were interested in and cared for the cats.

Spot proved to be a tough little cat and was on the way to recovery in no time.

Meanwhile, his counterpart, UT, was in a dilemma all his own. Despite all of the care and attention he was receiving, the absence of his best buddy caused him to leave his cat house and go into hiding--losing his appetite and bright personality in the process.

Concerned cat-lovers noted this behavior and saw to it that when Spot was released from the hospital, the cats were reunited in the home of Elizabeth Smith. The feline pair recuperated quickly in the calm atmosphere of the Smith abode and were soon returned to campus.

Today they appear to be quite themselves again...thanks to those anonymous campus cat lovers, whoever they are.



Latin American economy, politics To be covered in two-day seminar

Economics and politics of Central America will be the topic of a two-day seminar May 4-5 in the UTPB Devonian Room.

Principal speaker will be **Praxides Martinez**, former president of the Central Bank of Honduras. A four-member panel of experts on the economics of Central America will respond to Martinez' comments.

Prof. Frank Samponaro, history, said the seminar is planned as a service to Permian Basin businesses.

"The events of recent years and months have made it mandatory for business people to inform themselves about this critical area. We are proud to provide area businesses with this opportunity to learn more of the realities and developments in our neighbor countries to the south. What happens in these countries, especially Mexico, is having a major impact on us, and this impact is likely to increase," he said.

Samponaro said Martinez will paint a broad picture of the Central American situation during his first session and will focus on Mexico during the second evening. "His treatment will be practical and will directly address the implications for Permian Basin business," he said.

Four panelists will respond to Martinez comments. **Paul Dickey** of the American Graduate School of International Management in Phoenix, Ariz, and consultant to the International Monetary Fund, will direct his remarks principally to the present and future economy of Mexico.

A representative of the Central American desk of the U.S. State Department will address the politics of the area. **UTPB Prof. Howard Lukens**, management, will provide a briefing on military developments shaping events to the south. Finally, a representative from the U.S. Department of Commerce will participate.

Samponaro said the event is \$15 for both sessions or \$10 for one session.

Chili cookoff, campusfest on tap

Campus chili cookers and would-be athletes will have a heyday this month as UTPB's eighth annual chili cookoff and third annual campusfest activities take shape.

Woody Kupper, director of student life and athletics, noted the chili cookoff will be slated at the Duck Pond Saturday, April 23, following a week of campusfest activities.

"We hope to build interest in the intramural program and continue the chili cookoff tradition we have built here at UTPB," Kupper said.

Kupper noted the chili cookoff is traditionally the inaugural cookoff of the year and is sanctioned by the Texas Chili Society of the International Chili Society. This sanction allows first, second and third place champions to compete in the state cookoff at the Permian Basin Fair and Expo in the fall.

The intercollegiate campusfest, scheduled April 17-22, is part of a statewide program to encourage interest in intramural athletics on campuses throughout the state.

Campusfest activities will feature recreational events at lunchtime each day

throughout the week. We will have events such as pizza eating, horseshoe pitching, blind-man piggyback and others," he said.

Kupper noted Saturday's chili cookoff will pit UTPB clubs and organizations and other UTPB students against each other. Each contestant will cook a two gallon pot of chili. Some of the chili cooking

rules will include such basics as no open fires and no beans or thickening agents in the chili. Entry deadline is April 21. Entry forms are available in the student life office.

"We will also have various events throughout the day such as tug of wars, bucket brigades, horseshoe pitching and cow chip throwing," he said.

Alumni celebration slated May 13

UTPB's eighth annual "Night of Celebration" honoring UTPB alumni and the upcoming graduating class is scheduled in the student lounge May 13.

The event will begin at 6:30 p.m. with cocktails and registration, followed by a dinner at 7 p.m.

Theme of the reunion is "1973-1983:

A Tenth Year Reunion."

Student Life Director **Woody Kupper** said the class of 1973-74 will be honored, an alumnus of the year will be named and new alumni officers will be elected. Entertainment and dancing will follow.

Tickets to the event are available in the Student Life Office.

Arledge takes DPMA Scholarship

Jane Arledge, UTPB Knox City computer science senior, is the recipient of a \$250 scholarship from the Permian Basin chapter of the Data Processing Management Association (DPMA)

The scholarship is available each sem-

ester to a computer science or data processing student at UTPB, Odessa College and Midland College. Awards are made on the basis of academic performance, financial need and career goals.



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