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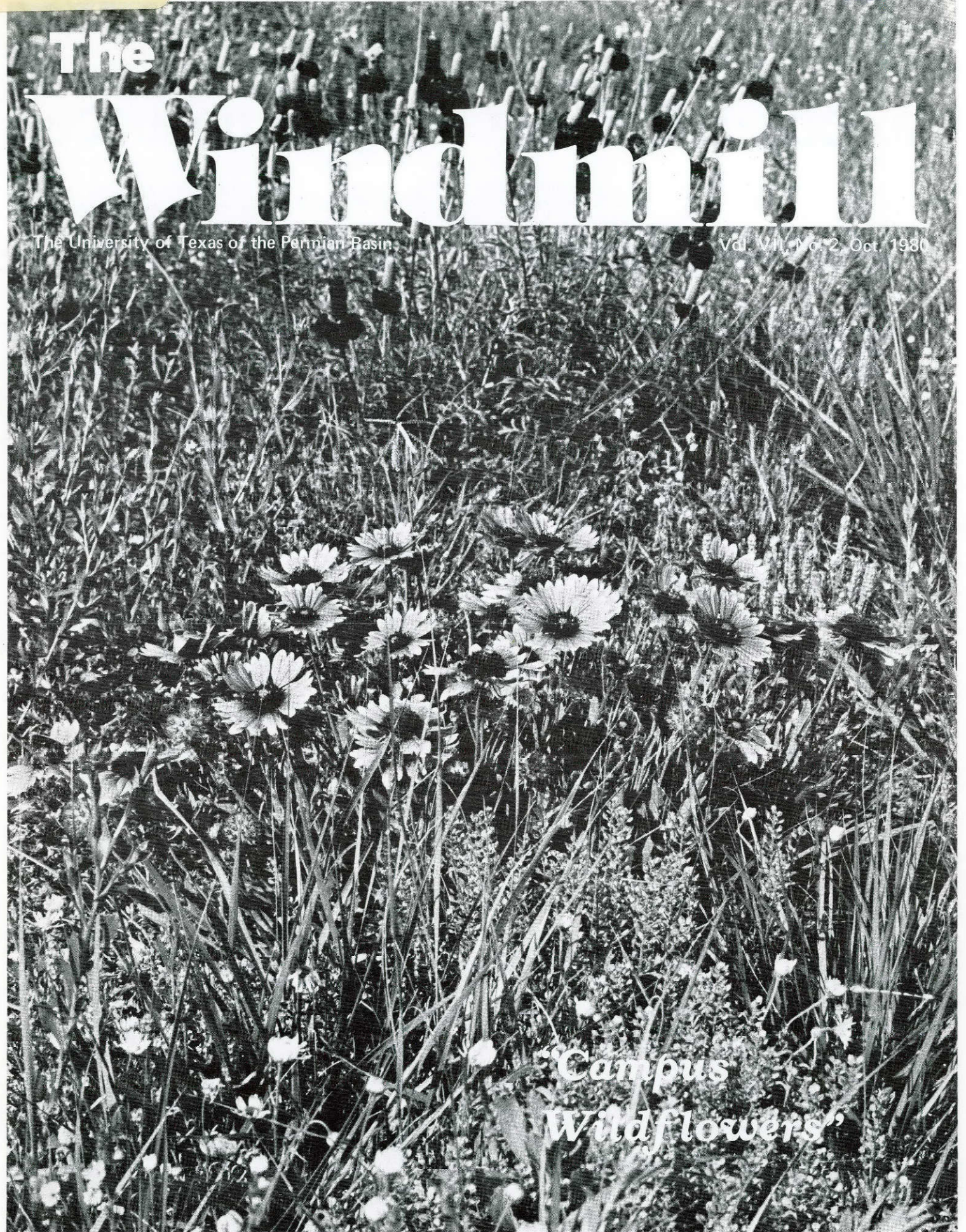
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# The Windmill

The University of Texas of the Permian Basin

Vol. VII, No. 2, Oct. 1980



*“Campus  
Wildflowers”*

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# In College of Management — Mexican-UTPB Exchange Announced

The first part of a faculty-student exchange between UTPB and Universidad Autonoma Del Noreste in Torreon, Coahuila, Mexico, will begin this spring as the result of a recent visit from the vice rector of the Mexican university.

Vice Rector Pedro Hector Rivas from Universidad Autonoma del Noreste conducted a series of lectures in Midland and Odessa during a recent visit to UTPB. During his visit, he met with UTPB officials concerning the U.S.—Mexican exchange.

Thomas Wolff, UTPB assistant to the president, noted Prof. Thomas E. Schaefer, management, will go to Torreon this spring for a lecture series. "Because of the strong emphasis in business administration at Universidad Autonoma del Noreste, and because of Dr. Schaefer's bilingual experience and experience in Puerto Rico, we thought him an excellent choice," Wolff said.

"We also plan an exchange of two or three students in the summer. Our students will be enrolled in coursework here, but living with Mexican families, studying there, and working in a Mexican firm in the area of business administration. We hope to get a couple of Mexican students here, as well. We are now looking for host families and businesses here who will participate in an internship program," he said.

"In addition," Wolff noted, "we are contemplating offering a course of Spanish for business people."

Schaefer, who spent eight years in Puerto Rico before coming to UTPB in 1979, served as a professor of the Graduate School of Business, Inter American University of Puerto Rico; and as a professor and director of the School of Business Administration at Colegio Universitario del Sagrado Corazon in Puerto Rico.

In addition, he has been the recipient of a Fullbright research grant for study at the University of Barcelona, Barcelona

Spain. He has written numerous articles for publication in both the Spanish and English languages.

Rivas, who recently conducted a lecture series in Midland and Odessa, also was familiar both with American and Mexican education. He took degrees from Pepperdine University in Los Angeles, Calif., and Escuela Normal Superior de las Universidad Autonoma de Coahuila, Saltillo, Coahuila, Mexico. He taught at American High School in Torreon, Coahuila, Mexico and worked for the United States Information Service at the American Consulate General in Monterrey, Nuevo Leon, Mexico.

## Student Teachers Begin Work in Area Schools

by Nita Runnels

Thirty-nine future teachers have begun the final phase of their training through UTPB student teaching programs in Odessa and Midland public schools.

Twenty-nine students are in the elementary education program, nine are in the secondary schools program and one is seeking all-level certification.

University professors involved in the teacher education program are Profs. Scott Irwin, Lois Hale, Terry J. Anderson, Munro Shintani, Robert Ihinger, G. Peter Lenatsch, Spencer K. Thompson, Robert N. Rothstein, Russell H. Johnson, Robert Gerry, Patricio Jaramillo, Don E. Miller and Laura A. Smith.

University students spend one full semester in their senior year for some coursework plus one-half semester of full-time student teaching in a public school. The performance based teacher education plan is designed to assure that when students finish the program, they are fully qualified to perform as teachers in the classroom. Before receiving certification, the students must demonstrate knowledge of the subject they will teach as well as com-

petency to perform effectively in all teaching situations.

Working on elementary certification are the following:

**At Goliad Elementary**, Odessa—Debbie Brubaker, Olivia Byerly, Leslie Cearley, Jane Elrod, Evelyn Garcia, Olean Gonzales, Lori Harper, Gail Headley, Angie Kirk, Karen Phillips, Bertha Roman, Kelly Stanley and Melody Wilson.

**At Ireland Elementary**, Odessa—Pam Ellison, Rita Hardegree, Beverly James, Nita Lear, Kay McGee, Andrea Mason, Sharon Mearse, Jane Noble, Patti Perkins, Linda Stark, Cherise Taylor and Jane Tripp.

**At Bowie Elementary**, Midland—Ruth Mendenhall, Danella Souter, Teri Vestal and Pam Wood.

Working on secondary certification are the following:

**At Blackshear Junior High**, Odessa—Celestino R. Garcia, Jr.

**At Ector High**, Odessa—Nola Whirlow and Travis Woodward.

**At Permian High**, Odessa—Garry O. Baty, Ingrid Burton, Diana L. Hanaway, Karen O. McCain and Becky Stewart.

Working on all level certification at Ireland Elementary and Permian High is Sandra McPeak.

### THE WINDMILL

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Managing Editor . . . . Leland Martin  
Associate Editor . . . Debbie Bennett  
Typists . . . . . Suzanne Reyes  
Anne Roney  
Photographer . . . . . Linda Sharlow  
Reporter . . . . . Nita Runnels



## 17 Scholars Are Honored By Foundation This Fall

Permian Honor Scholarships have been awarded to 17 students at UTPB for the 1980-81 academic year.

The scholarships, available only to students in the top 25 percent of their high school graduating class, allow students to attend the Permian Basin community college of their choice and continue bachelor degree studies at UTPB.

Under the program, businesses agree to sponsor a student at \$300 per year for two years at Howard College, Midland College, Odessa College, Western Texas College or New Mexico Junior College. Another business agrees to sponsor the same student for two years for a similar amount at UTPB.

The scholarships are part of the Permian Merit Scholarship Foundation, Inc., which is headed by J. Conrad Dunagan of Monahans.

Each year the foundation which began in 1976, awards more than 40 scholarships to area community college and university students.

"The fundamental premise of our foundation is that our country, our colleges and our communities are best served if we can identify and encourage those young people who can benefit most by obtaining a college education. For funding and implementation of this idea, we have appealed to the business and professional community rather than to any level of government," Dunagan said.

UTPB scholarship recipients from Odessa College are Lilly L. Aaker, Craig O. Daniel, Irma Gomez, Gary L. Leathers, Gwen Marie Richards, Angela Lynne Stanford, Darwina Stevens, John F. Stevens and William W. Summers.

Midland College recipients now at UTPB are Marita A. Mercurio, Robin Newsom and Lynn Sellars.

Western Texas College honorees now at UTPB are David Lee English and Alicia Henderson.

UTPB recipients from New Mexico Junior College are Shawn Carda, David Chesser and Ronald R. Riley.



Captured during auditions for "The Importance of Being Earnest" are from left Dana Ross, mass communication senior of Midland as Cecily Cardew; Prof. Donna Crabtree, speech, play director; and Ross Deleon, literature junior of Brownfield as John Worthing. The three-act comedy, first produced in 1895, was billed as a "trivial comedy for serious people." It received critical attention both for its enjoyable farce and its statement of social and political problems. The play will run Dec. 5-7 in the Coffeehouse.

## Dramatic Season Begins 'In Earnest'-- Play Cast Named

The cast for the upcoming production of "The Importance of Being Earnest" has been selected for the December 5, 6, 7 showing.

Prof. Donna Lee Crabtree, speech and theatre, announced the cast as follows: Ross Deleon, literature junior of Brownfield as John Worthing; Zane Harwell, secondary education graduate of Odessa as Algernon Moncrieff; Michael J. Thurman, speech junior of Odessa as the Rev. Canon Chasuble.

Jimmy Linton, music junior of Midland as Lane, the manservant, and stage manager; Dianne Davis, education graduate of Midland, as Lady Brack-Decker, mass communications junior of

Monahans as Hon. Gwendolyn Fairfax; Dana Ross, mass communication senior of Midland as Cecily Cardew.

Lisa Harwell, non degree senior of Odessa as Miss Prism, the governess; Peggy Head, anthropology senior of Rio Frio as Mrs. Merriman, and costume mistress; Karl Reigle, economics junior of Midland as the footman and property manager.

Crabtree will act as director for the three-act comedy with Linda Wood, speech junior of Coahoma as managing director. Julius Caesar Graves III, media services, will act as lighting and sound chief and assistant stage manager.



# Music plans month

UTPB's music faculty and students are starting the year on the up beat this fall with a choral clinic and concert scheduled Oct. 11, at 17th century concert featuring harpsichord and other solo instruments Oct. 17-18, and a trip to a Renaissance Festival in New Orleans, La. Oct. 23-25.

## Choral clinic

More than 300 singers from Midland and Odessa will combine voices for a mass concert at 4 p.m. Oct. 11 in UTPB gymnasium.

The concert, free and open to the public, will be the culmination of a day-long choral clinic for area high school, junior college and university singers, as well as the Midland-Odessa Symphony Chorale. UTPB is hosting the event.

Prof. Stanley Engebretson, music, said seven area musical groups will participate in the clinic and concert.

They include the Odessa High School choir under direction of Suzanne Medlen, Permian High School choir under Randy Talley, Midland Lee High School choir under Walter Wright, Odessa College choir under Maurice Alfred, Midland College under direc-

tion of Dr. Charles Lawson and the University Singers and Midland-Odessa Symphony Chorale under Engebretson.

"The Choral Festival is structured to serve a two-fold purpose. There will be a clinic and critique and an actual performance," he explained.

Engebretson said the clinic and concert will include a variety of musical types from Renaissance to classical, contemporary and spiritual.

Guest conductor and clinician is Dr. Fiora Contino, conductor of the University Symphony Orchestra and director of the opera at UT Austin.

Contino has served as chairman of the music department at UT Austin,

guest conductor of the Baltimore Symphony and director of the opera theater at Peabody Institute.

She was professor and chairman of the choral department at Indiana University for 12 years and director of opera and choral activities at Bowling Green State University for three years.

## Century concert

A concert featuring the opulence of 18th century royalty and the genius of Bach will be featured in concerts in Midland and Odessa Oct. 17-18.

Sponsored by the UTPB Music

## October stuff

Oct. 4	9:30 a.m., Flag Football organization meeting. UTPB Gym.
Oct. 9	7:30 p.m., Reception and opening of ceramics exhibit featuring Mike Thornton's work. Exhibit continues through Oct. 30.
Oct. 10	8 p.m., George Enslee entertains in the Coffeehouse.
Oct. 11	9 a.m., Annual Choral Festival in UTPB Gym. 9:30 a.m., Flag Football, UTPB Athletic Field.
Oct. 14	noon, "La Tertulia," Devonian Room. 6:45 p.m., Geology Club meeting. 4th floor lab.
Oct. 18	9:30 a.m., Flag Football, UTPB Athletic Field. noon, Marketing and Management Club meeting.
Oct. 21	noon, "La Tertulia," Devonian Room.
Oct. 22	noon, Accounting Association meeting, Devonian Room.
Oct. 25	9:30 a.m., Flag Football, UTPB Athletic Field.
Oct. 28	noon, "La Tertulia," Devonian Room. 6:45 p.m., Geology Club meeting, 4th floor lab.
Oct. 30	9 a.m.-5 p.m., Pumpkin Carving Contest, student lounge.
Oct. 31	8 p.m., Halloween Dance, student lounge.

## Business program slated on campus for Oct. 2.

"Win With A Business Plan" is the title of a program scheduled here 8:30 a.m. noon, Thursday, Oct. 2.

The program is sponsored by the U.S. Small Business Administration, the Service Corps of Retired Executives (SCORE), and UTPB.

Speakers will be Prof. Thomas Schaefer, management, Prof. Patricia Williams, accounting and information systems, and Larry Riley, Vice President and Trust Officer, of State National Bank in Odessa.

Topics include "Markets", "Financial Reports and Records", "Getting the Best From Your Bank", and "Managing Your Assets".

The morning seminar is open to the public with a \$6 registration fee.



# full of activities

Faculty, the concert features Permian Consort, a group of UTPB and local musicians.

**Prof. Craig Lister**, music, will direct the performances at 8 p.m. Oct. 17 at the Midland College Fine Arts Center and at 8 p.m. Oct. 18 here.

**Included in the concert** will be "Musical Offering," a trio sonata written by J. S. Bach on the occasion of his visit to King Frederick the Great of Berlin in 1747.

The piece was composed extemporaneously at the request of the king during Bach's visit to Potsdam, where

his son Charles Philip Emanuel, had entered the service of the king. On his arrival, Bach asked the king to give him a subject for a fugue; Bach used the theme and wrote his composition as he performed it. After he returned home, he added several intricate pieces, and dedicated the composition to the king under the title of "Musical Offering."

**Soloists for the concert** are Pat Harris, music senior, on harpsichord and area artists Majory Jennings on flute, Gloria Steelman on violin and Greta Nichols on oboe.

## ***On the road—***

The University Singers, an 18-member group from UTPB, will finish off the month as participants in the Renaissance Festival in New Orleans, La. Oct. 23-25.

**Engebretson said** the singers will experience a trip into the Renaissance world. "There will be art work, food games, parades, instruments— all with the touch of the 16th century.

He noted the University Singers will perform Madrigals, Italian and English short-part songs used as entertainment after dinner during the 16th century. Also will be included will be Chansons, the French counterpart to Madrigals.

## **Ceramics to be displayed in 3rd floor gallery**

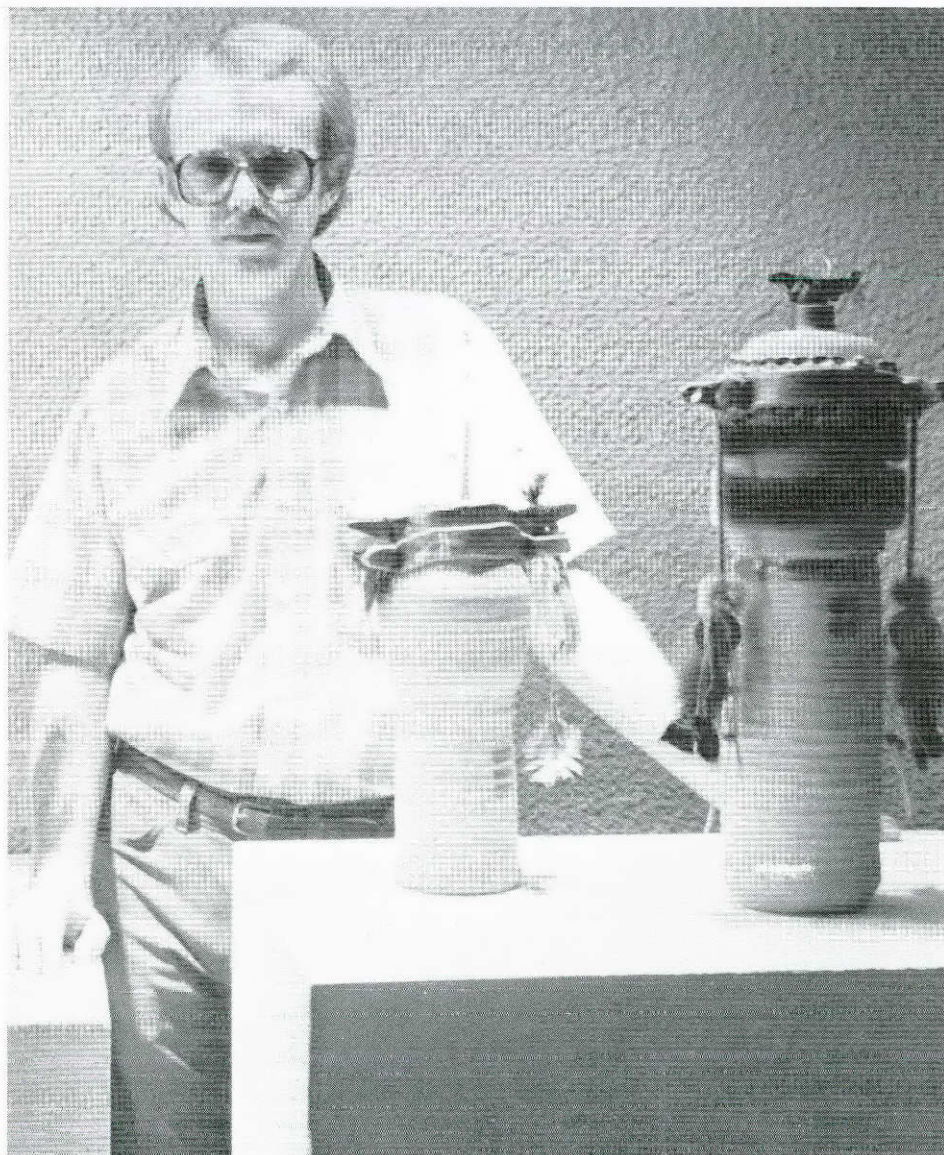
The ceramic works of Michael L. Thornton, chairman of the Fine Arts Division of Western Texas College in Snyder, will be on exhibit in the UTPB third floor gallery Oct. 9-30.

The exhibit will open with a reception from 7:30-9 p.m. Oct. 9. Gallery hours are 9 a.m.-5 p.m. Monday-Friday. There is no admission charge.

Thornton, who has been at Western Texas College since 1972, developed programs there in jewelry, enameling, ceramics and crafts. In addition, he teaches two-dimensional and three-dimensional design, freehand drawing and art for elementary education. He served for two years as an art teaching assistant at Texas Tech University and has taught graduate jewelry at Sul Ross State University's extension center.

He has participated in numerous national exhibits including the National Craft Invitational Show and the Spar National Art Exhibition in Shreveport, La.; the Second Biennial Lake Superior Craft Exhibition; the National Craft Competition in Abilene; and in the Fifth and Ninth Annual Prints, Drawings and Crafts Exhibitions in the Arkansas Arts Center, Little Rock, Ark.

In Texas, he has participated in exhibits in Abilene, Dallas, Midland, McAllen, Lubbock, Snyder, San Angelo and Odessa.



***Michael L. Thornton***



# UTPB Student Senators Elected

Fifteen students were elected last week to the UTPB Student Senate for the 1980-81 academic year.

Representatives of the College of Arts and Education are **Julius Graves III**, post baccalaureate non-major from Odessa; **Zane Harwell**, secondary education graduate from Odessa; **Margaret Head**, anthropology senior from Odessa; **Elizabeth Mack**, sociology senior from Odessa; and **Teresa Waters**, government

graduate from Odessa. **Linda Sharlow**, psychology senior from El Paso is the alternate.

Senators for the College of Science and Engineering are **Tony Akins**, computer science junior from Odessa; **Glenda McDowell**, life science senior from Odessa; **Michael Neal**, life science junior from Odessa; **Edward Rivera**, computer science senior from Odessa;

and **Lewis Wright**, earth science junior from Odessa.

Representing the College of Management are **Lauron McLauron**, criminal justice management senior from Odessa; **David Massey**, marketing junior from Odessa; **Scot Smith**, accounting junior from Odessa; **David Vickers**, accounting junior from Odessa; and **Katherine Wright**, management graduate from Odessa.

## Getty Drills New Gas Well On Campus

An additional natural gas well is being drilled on campus in an effort to more efficiently capture the gas beneath the surface.

**Bill Tinslar**, area superintendent for Getty Oil Company, said the well, one of nine on the UTPB campus, is being drilled to find out if more natural gas liquids can be collected through strategic placing of additional wells.

Although the drill site is located on campus, the well is being drilled directionally under Loop 338 and will end some 12,000 feet below a residential area northeast of the campus.

**UTPB Vice President** for Business Affairs **William Watts** said the minerals at the site are not owned by UTPB or The University of Texas System.

Tinslar noted the well is being drilled at an abandoned site which was used earlier to drill for oil in a deeper formation.

"When the old oil well site was abandoned, it was sealed. We opened the seal, went down about 7,000 feet in the old site, and then began to drill directionally. When we finish, the well will be about 12,100 feet," Tinslar said.

"When we take the natural gas out of

the ground, it is piped to our plant where the liquids are extracted at extremely low temperatures—about 140 degrees below zero," he said.

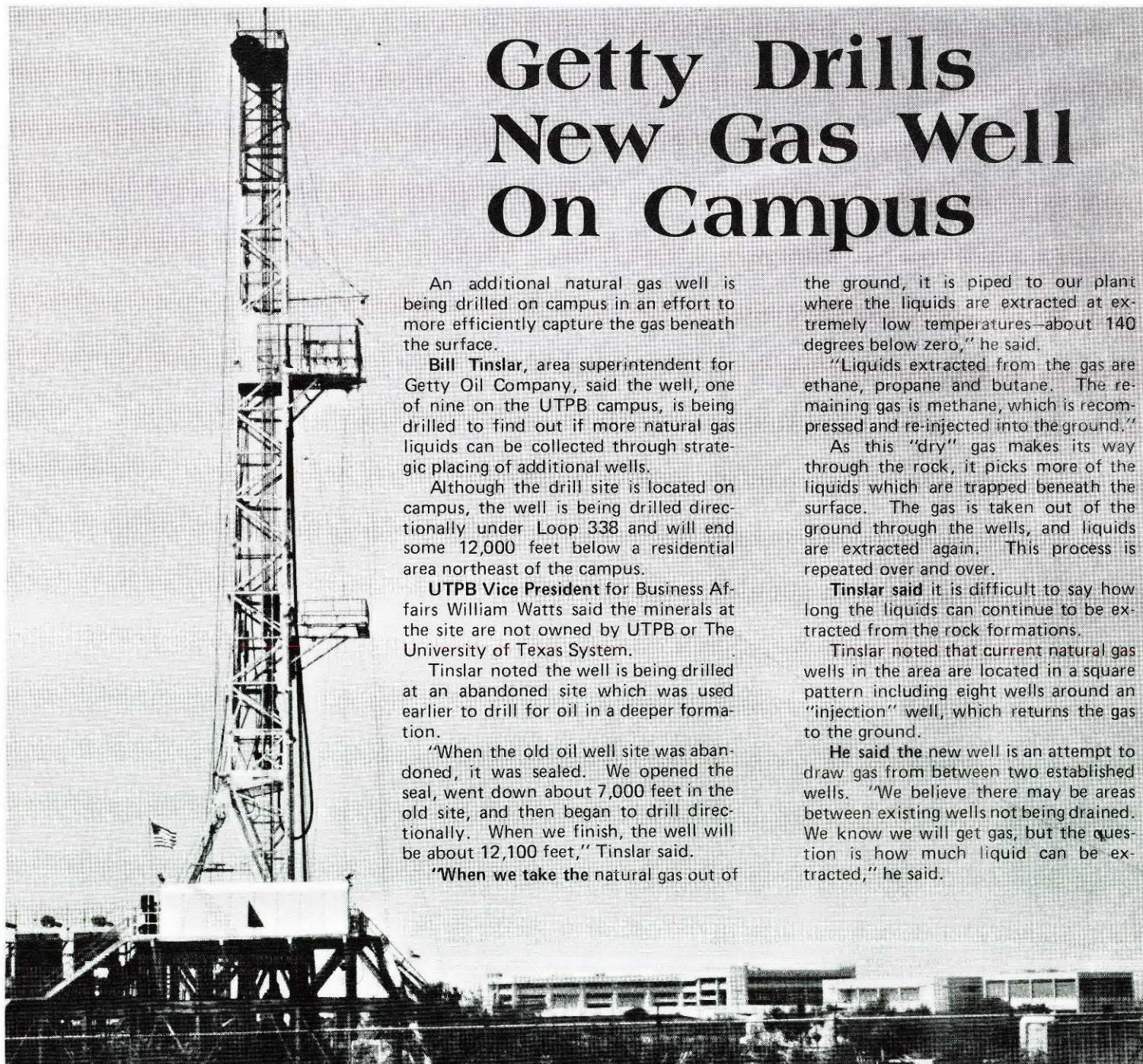
"Liquids extracted from the gas are ethane, propane and butane. The remaining gas is methane, which is recompressed and re-injected into the ground."

As this "dry" gas makes its way through the rock, it picks more of the liquids which are trapped beneath the surface. The gas is taken out of the ground through the wells, and liquids are extracted again. This process is repeated over and over.

**Tinslar said** it is difficult to say how long the liquids can continue to be extracted from the rock formations.

Tinslar noted that current natural gas wells in the area are located in a square pattern including eight wells around an "injection" well, which returns the gas to the ground.

**He said** the new well is an attempt to draw gas from between two established wells. "We believe there may be areas between existing wells not being drained. We know we will get gas, but the question is how much liquid can be extracted," he said.





# Enslé Comes to Coffeehouse Oct. 10

Coffeehouse entertainer **George Enslé** of Austin will bring his own style of singing, picking and stories to the UTPB Coffeehouse at 8 p.m. Oct. 10.

Enslé, a native Houston, has been teaching guitar since the age of 18. By the time he was 20, he was playing clubs and coffeehouses in and around Houston and Austin, and learning the art of stage performance. Two years later, he hit the road that ultimately led him to the east coast. When he returned, he started playing throughout

the state at colleges, folk festivals, nightclubs, bars and on live radio and television broadcasts.

**He has his own style of entertaining with introductory stories and humorous anecdotes that set his scenes and create his moods.**

Enslé says he never does the same show twice in a row because he gathers new material in the people he meets on the road to and waiting at each new place.

"Their calloused hands, gentle smiles, tear-stained dreams, playground laughter, tired feet, hitchhiking hopes, com-

plicated plans, simple love, lonely nights and undefeatable spirit make each new show one of a kind, and hopefully a special time of travelling, laughing and learning together," he said.

**Enslé has** recently performed at colleges, universities and night spots in Colorado and Wisconsin, in addition to his numerous engagements throughout Texas. This will mark his second visit to UTPB.

Coffeehouse performances are free to UTPB students, faculty, staff and alumni, \$2 to the general public.

## Muller Begins Study—

# Plants and Petroleum

by Leland D. Martin

A current research project at UTPB is seeking to determine if plant life above the ground is affected by the presence of petroleum or hydrocarbons underground.

Prof. **Pamela Hallock Muller**, earth sciences, who's principal investigator for the project, said the research is being funded by a \$5,400 grant from GEOSAT, an organization of oil companies and mineral companies who have an interest in promoting remote sensing as a tool for exploration.

Companies participating in the project include Exxon, Phillips, Conoco, Gulf, Cities Service and Superior.

**Muller, who is** conducting the research with life science graduate Edward M. Wingo, noted the research is designed to determine if there is "vegetation stress" as the result of the presence of subsurface hydrocarbons. Research will be conducted at the Worsham-Waha-Coyanosa Test Site near Coyanosa.

"There are now several NASA-GEOSAT test sites in the United States, and Coyanosa is one of these. Other sites are in Arizona, West Virginia and Wyoming," Muller said.

**Muller said she** and Wingo will be collecting data by taking pictures of the area and by sampling the vegeta-

tion at different times of the year.

"These data will then be compared with information available from satellite images and other types of remote sensing techniques," she said.

**Muller noted that** studying vegetation to determine the presence of hydrocarbons is only one of many ongoing GEOSAT studies which will add to the information which can be

used in cost-risk analysis in oil exploration.

The GEOSAT committee is compiling data on topography and soil types, surface geology, overburden thickness, production versus dry holes, shallow structure and deep structure, as well as magnetic, gravity, seismic and geochemical data for use in photo-geologic interpretation, she said.

## JUST FOR ALUMS

Name \_\_\_\_\_

Class of \_\_\_\_\_ Phone \_\_\_\_\_

Family \_\_\_\_\_

Occupation \_\_\_\_\_

Degree received \_\_\_\_\_ Subject Area \_\_\_\_\_

Notes of interest \_\_\_\_\_

We would like to hear from our alumni. Let us know a little bit about you, your hobbies, and what's been happening to you. Fill out the form and return to the student life office, UTPB, Odessa, Texas 79762. For more information regarding alumni activities, phone 367-2136.

\_\_\_\_\_ Check for permission to use the information in an alumni article in the Windmill.



# More Happenings

A film on behavioral psychology will be shown at noon on Thursday, Oct. 9 in the student lounge. The film, sponsored by the Psychology Club, focuses on shaping behavior. All students in the social sciences are urged to attend. The film is free of charge and open to the public.

\* \* \* \* \*

A new organization, **The Texas Association of College Teachers**, (TACT) was recently formed on campus. During the first organization meeting, officers were elected and a provisional constitution adopted.

Prof. **James L. Colwell**, literature, was elected as president of the organization, Prof. **R. Colbert Rhodes**, sociology, elected vice president and legislative liaison, and Prof. **John P. Frazee** elected secretary-treasurer.

The organization, new only to UTPB, plan to set up public forums in which legislative candidates from the Permian Basin, will be asked to make public talks at the university.

According to Pres. Colwell, dues are \$25 a year. All faculty members and professional staff (those who have a college degree) are eligible for membership.

Students interested in participating in an administrative internship program with Ector County Independent School District and UTPB should contact Prof. **Don Miller**, pedagogical studies, by Oct. 10. The program, a cooperative effort between UTPB and ECISD, was successful last year and could be expanded this year if there is enough demand, Miller said.

\* \* \* \* \*

The Marketing and Management Association will be sponsoring a **resume writing seminar** on campus Tuesday, Oct. 14.

**Dr. Winston Stahlecker**, Vice President in Charge of marketing for the Taco Villa Corporation and past chairman of the marketing and management at UTPB, will conduct the seminar.

The seminar will introduce students to resume writing, the do's and don'ts, and what business men look for in a resume.

Two separate hour long programs are scheduled to give everyone interested a chance to attend. The first seminar will be conducted at 1 p.m., Tuesday, Oct. 14, in CR 292 and repeated again that night at 7 p.m. in CR 383.

Anyone interested is invited to attend. There is no charge for the seminar.

The UTPB Psychology Club recently elected officers to serve for the fall 1980 term. Those serving as officers include: President **Bill Brooks**, psychology senior; Vice President **Jay Schale**, psychology senior, and **Liz Mack**, sociology senior, all of Odessa. Midlander **Carrie Taylor**, behavioral science graduate, will serve as treasurer.

\* \* \* \* \*

**Prof. Pamela Price**, art, took First, Second and honorable mention awards at the Texas Fine Art Association Show in Odessa. Her winning works will be on display at the Permian Playhouse.

**Paula Cox**, UTPB art student, also took an honorable mention for her entered piece.

The first place awards will go to Austin for display in December.

\* \* \* \* \*

**Dr. Richard Wiggins**, manager of the speech technology division of Texas Instruments' central research labs, will be guest lecturer at a meeting of the UTPB chapter of the Association of Computer Machinists (ACM) at 8 p.m. Oct. 9 in CR 383. The slide presentation will center around speech synthesis.



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