

## NEWS BRIEFS

### Prison group goes public

AUSTIN (AP) — A prison lobby group "went public" Monday with its attempt to get the Texas Department of Corrections to request federal observers of the current inmates' work stoppage.

Citizens United for Rehabilitation of Errants called for pressure on the department.

Charles Sullivan, director of CURE, said he asked the chairman of the State Board of Corrections Oct. 17 to request observers from the U.S. Community Relations Service.

But corrections board chairman James Windham has not responded, Sullivan told a news conference.

Sullivan said the community relations service will send observers only at the request of the prison system itself.

"Because of the urgency of the need for an independent third party and the lack of interest shown so far by TDC, we have decided to go public," Sullivan said.

### Pope endorses policy

VATICAN CITY (AP) - Pope John Paul II endorsed the Roman Catholic Church's policy of accommodation with communist nations Monday, saying dialogue is the only way to ease problems.

"There cannot be true human progress for lasting peace without the courageous, loyal and disinterested search for cooperation and an increasing unity among peoples," the pope said in an address to representatives from some 125 nations and world organizations.

"For this, this church encourages all the initiatives that can be taken, all the steps that can be accomplished for the bilateral and multilateral plan."

The former cardinal from communist Poland did not mention any country or a specific policy but his meaning was clear when he said, "The principles which guided my predecessors and especially the mourned Pope Paul VI will continue to inspire the action of the Holy See."

The church's policy of reconciliation with the Soviet bloc was initiated by Pope John XXIII and was pursued vigorously by his successor, Pope Paul. The anti-communist trend in the church reached a peak with Pope Pius XII's 1950 decree excommunicating "atheistic communists."

Many in the church believe that having a pope from Poland - a man who spent almost his entire priestly career under communism and understands its workings - will accelerate this process of detente.

### UH analyst sentenced

HOUSTON (AP) — A former University of financial analyst and a half-brother received four-year federal prison sentences Monday on charges of fraud in handling university short-term investment funds.

Samuel Harwell, who was fired by university officials in November, and Patrick Sullivan had earlier entered pleas of guilty and promised to cooperate in the investigation of the scandal.

University officials have never said how much money has been lost but said last week adjustments totaling about \$15 million would have to be made in accounting records to cover bookkeeping inaccuracies and short-term speculative transactions.

The guilty pleas by Harwell and Sullivan involved the deposit of university funds in a California bank, with Sullivan allegedly using the funds as collateral on loans from the bank.

Last week, a Harris County grand jury indicted Aubrey Melvin Covington and Roger Knox, owners of a brokerage firm, on charges of defrauding the university on bond sales through which they were alleged to have made a profit of \$500,000. Harwell and Sullivan were named as "co schemers" in the case.

### Indians gain land

AUGUSTA, Maine (AP) — Maine's top leaders agreed Monday to accept an out-of-court settlement that would provide two Indian tribes with \$27 million and 100,000 acres of land - less than one-half percent of the state's total land area.

If the tribes and Congress go along, the compromise plan would settle one of the largest Indian land cases in the nation for a fraction of the Indians' original claim of \$25 billion and 12.5 million acres.

## INSIDE

Entertainment . . . The Atlanta Rhythm Section gave a first-class performance Sunday night in the Civic Center, according to UD reviewer Robin Kral. See Kral's review on page six.

Sports . . . For the first time in Tech history a book has been published that chronicles the history of Tech football. See story and review on page 8.

## WEATHER

Occasional light rain and cold today. High today is expected to be in the upper 40s with the low tonight in the lower 40s. High on Wednesday should reach the mid 50s. Winds will be light and variable.

# Krueger says Tower running scared, lagging behind in polls

By LARRY ELLIOTT  
UD Reporter

Democratic U.S. Senate candidate Bob Krueger told reporters at a Lubbock news conference Monday John Tower's attacks of his candidacy show Tower is "running scared" and lagging behind Krueger in pre-election polls.

With just two weeks left in the campaign, Krueger said Tower would continue to make anti-Krueger charges in an attempt to win a fourth senate term.

"You're going to get a new charge every day because he's running scared," Krueger said of Tower after announcing that a poll by Texas Monthly magazine shows Tower running four percentage points behind Krueger.

Krueger continued to insist that Tower voted for a 29 percent pay raise for members of Congress in 1977, a charge that is disputed by the Tower campaign.

Tower's campaign director, Ken Towery, mailed a two-page complaint to the Fair Campaign Practices Committee in Washington Monday, claiming Krueger's charge that Tower voted for the pay raise is untrue.

Wire service reports Monday said Towery charged Krueger is waging a campaign of "distortion" and "deception" on the pay raise charge.

But Krueger said he could cite entries in the Congressional Record that prove Tower voted for the pay raise.

"Anyone who examines the allegations by Ken Towery will recognize them as inaccurate, groundless and as a last-minute effort to attain publicity for a losing battle," Krueger said in a statement answering Towery's unfair campaign practices charge.

Krueger said former Texas Gov. John Connally's campaign efforts on Tower's behalf, such as the joint appearance of Connally and Tower in Lubbock Thursday, will not take enough votes away from Krueger's candidacy to give Tower the victory.

In another development in the Tower-Krueger race, la Raza Unida senatorial candidate Luis Diaz DeLeon said in San Antonio Monday he will file suit against Krueger campaign aide Mark Campos.

DeLeon said Campos offered him inducements totaling nearly \$2

million to withdraw from the race because it was feared DeLeon might take important Mexican-American votes away from Krueger's candidacy.

Campos was quoted in wire service reports as saying he did nothing improper, and that DeLeon actually asked for a \$28,000 per year federal job and several Raza Unida-supported federal grants in two meetings in Austin with Krueger campaign members.

DeLeon told reporters in San Antonio Monday he only expressed an interest in accepting the offers of money and other help from Campos because he was "leading him on."

"I wanted to give him (Campos) enough rope to hang himself," DeLeon said.

But Krueger denied any such offers were made. He said he is "investigating" the charges of impropriety in his campaign, and that he intends to follow up fully on the results of the investigation.

Charges and counter-charges in the bitter campaign have often dominated news reports of the Tower-Krueger race, but Krueger said he has tried to keep the contest focused on issues not personalities.

"No other candidate has released as many position papers as I have," Krueger said. "I have tried to speak to issues."

Krueger said he has "never spoken of his (Tower's) wife and daughters" when asked if remarks attributed to him by Tower in a Lubbock news conference are true.

At that news conference Tower told Lubbock reporters he cancelled several scheduled television appearances with Krueger and refused to shake hands with him at a Houston candidates' forum because of what Tower feels are "personal attacks" by Krueger.

"I didn't see fit to dignify him by shaking hands with him," Tower said of the Houston incident. "Would you shake hands with a man that insulted your wife and daughters and falsified the record?"

But Krueger, who has called Tower's refusal to shake hands "a fit of temper," said he still wants to appear with Tower and discuss issues.

"My hand is out, I'll be glad to meet with him anytime," he said Monday. "He gave his word and

broke it," Krueger said of Tower's cancellation of the television appearances.

Krueger's stop in Lubbock was part of a six-city campaign swing across Texas that ended Monday night in an appearance at a Democratic rally with Congressman Jack Hightower and Mrs. John Hill.

He told the Lubbock news conference he is making a personal appeal to President Carter to sign the 1978 Meat Import Act, a bill Krueger co-sponsored. The bill has already passed both the U.S. Senate and House of Representatives.

Krueger said provisions of the Meat Import Act would allow for additional imports of meat if domestic production is low, while keeping too much meat from coming into the United States if domestic production of meat is high.

The bill also sets a minimum import figure of 1.2 billion pounds of meat per year to protect American consumers from high prices when domestic beef is scarce.

Krueger said the bill would also limit presidential discretionary powers to allow wholesale imports of foreign beef into the United States.

"I disagreed with President Carter last summer when he allowed 200 million pounds of meat to be imported into the nation at a time when our meat producers were on the verge of earning a reasonable return for their domestic beef in several years," he said.

Krueger went on to blast the Tower campaign, saying Tower has conducted a campaign of "negation."

"He has lived on fear and diversion," Krueger said of Tower. "In the next two weeks, he will come out with every possible charge. The incumbent has fallen far behind."

Krueger is stumping the state in a light plane, covering several cities in a each day as the Nov. 7 general election date nears.

He promised to keep up the rapid pace of the campaign through election day, saying he will still be shaking hands at a polling place somewhere in Texas when polls close at 7 p.m. on the final day.

"You may not learn much in New Braunfels, Texas, but you do learn to work hard, and I won't have it said that I didn't win because I didn't work hard enough."



Praying for votes?

With just two weeks remaining before the Nov. 7 general election, Democratic U.S. Senate candidate Bob Krueger continues a heated battle with incumbent John Tower. Krueger held a news conference at the Lubbock airport Monday, saying he is leading Tower by a narrow margin in a pre-election poll. (Photo by Ed Purvis)

## NTSU makes bid

By CHINO CHAPA  
UD Reporter

North Texas State University has made its first formal proposal to become a member of the Southwest Athletic Conference, The University Daily learned Monday.

Tech Athletic council members recently received background data about North Texas. The material traces NTSU's athletic history and is speculated to be the initial report in North Texas' membership campaign.

The University Daily has acquired a copy of the 44-page report entitled, "Where is North Texas State University now in Athletics and How did it get there?"

North Texas State University President C. C. "Jitter" Nolen told The University Daily Monday, "By any measurement we we have constructed, it is clear we belong in the Southwest conference—academically, fiscally and athletically. The material is simply a means of demonstrating our case. We hope we receive a continued positive reception."

The report states that "On April 14, 1977, the North Texas State University Board of Regents unanimously approved a resolution of the NTSU Athletic council and requested that President C.C. Nolen take all appropriate steps to achieve membership in the Southwest Conference as soon as possible."

The membership campaign is expected to be officially introduced at the SWC winter meeting in December in Dallas.

Southwest Conference commissioner Cliff Speegle said, "North Texas has not contacted the Southwest Conference, officially, and the

December agenda has not been formulated yet. There is still time for an item to be placed on the agenda."

Harold Lahar, assistant commissioner for the SWC, said, "We've heard talk about the bid but nothing is definite. A meeting of some school representatives is scheduled for this weekend. Something could happen then, but then again, nothing about North Texas could be discussed. We'll just have to wait and see."

Followers of the SWC have been expecting North Texas to apply for membership. Increased speculation and interest developed when Haden Fry became athletic director and head coach for the North Texas Eagles football team in 1973.

But a major block that North Texas must overcome to become a SWC member, is acquiring a SWC school to sponsor the Denton-based university. The University of Houston, the newest conference member, was backed by the University of Texas.

Speegle declined to comment about the sponsor situation for NTSU and said, "I can't say anything about the situation."

Another problem North Texas may face is the criticism about the possibility of three SWC in the Dallas-Fort Worth metroplex.

One source said while the proximity of North Texas to two other SWC members, Southern Methodist and Texas Christian, could cause some difficulties, the major concern was whether or not the conference members would want to go to a ten-member conference.

Never in its 64-year history has the conference contained more than nine members.

# Candidates continue campaign accusations

By SHAUNA HILL  
UD Reporter

If state senatorial candidates E.L. Short and Joe Robbins campaign during the 15 days before the Nov. 7 election like they have during the past five days, a number of seemingly insignificant issues will be brought to public attention.

Democrat Short raised the question of Robbins' apparent late filing of his campaign finance report in statements Thursday.

Short emphasized repeatedly that he was not accusing Robbins of not filing the report, but said it was a "neglectful thing on the candidate's part" not to make sure the report make it to Austin within a reasonable time.

Secretary of State Steven Oakes verified that Robbins' report had not reached Austin, but Oakes said reports sometimes take nine or ten days to get through the mail.

Oakes said it was certainly possible for Robbins' report to have been mailed on time and still not have reached his office.

Robbins claims to have mailed his report on Oct. 9, one day before the Oct. 10 deadline. Statistics from that report were released to the media,

## News Analysis

including The University Daily, Oct. 10.

Robbins labeled Short's charge ridiculous and said "whether or not the U.S. Post Office is late in delivering a report is not a viable issue in this election. It will not be debated or voted on in the senate."

The Republican said, "I am not accusing anyone, at this time, of tampering with the report to create a false issue, but I would like to know how he knows the report was or wasn't filed and how he knows whether the report was or wasn't sent by registered mail, unless someone in Austin has seen the report and informed my opponent."

Robbins asked if his opponent had chosen "to engage in this demagoguery over a non-issue to grasp at straws in the wind because he knows he is facing certain defeat?"

"Why doesn't he talk about the issues I'll be voting on in the legislature? Why doesn't he talk about why he compiled such a dismal voting record against the people and for the special interest groups that he was voted out of of-

vice by his former constituents?" Robbins asked.

Other questions Robbins fired at Short's campaign concerned Short's expenditures of more than \$90,000 for a job that pays \$7,200 per year.

Robbins also criticized Short's statements that nothing is wrong with Texas. "Is there nothing wrong in a state that has had a 166 percent increase in the per capita tax burden between 1966 and 1976?"

"Is there nothing wrong in a state that ranks number five in per capita indebtedness despite our constitutional pay-as-you-go provision?" Robbins asked in a long series of questions dealing with what he considers shortcomings in Texas government.

"There is plenty wrong in Texas and it has all been caused by politicians like my opponent, who don't have eyes to see the problems, don't have ears to hear the problems, and don't have the guts to stand up to the special interest groups and solve the problems," Robbins said.

"The people see the problems and are tired of officials who won't listen to them. The people are tired of my opponent's type of politician," Robbins said.







## Water supply decreasing

By JOHN WILSON  
UD Staff

It is a little scary to think that the present municipal water supply has dwindled to, at most, an 18-year supply and that the present non-renewable irrigation source is being depleted at a fast rate. So far, there has been enough water to meet the increasing demands of Lubbock and the South Plains area, but there is a strong possibility of a future water crisis.

The current demand for municipal water is approximately 34 million gallons a day. The largest part of this water comes from Lake Meredith which supplies 27 million gallons a day. The remainder comes from supplement wells in Shallowater and Muleshoe. Last August, the demand for water increased to 78 million gallons a day, forcing Lubbock to buy 1 billion gallons from Amarillo.

Most of the water used for agricultural irrigation is pumped from an underground water supply known as the Ogallala Aquifer. This underground formation consists of sand and gravel in which water is naturally stored. This water supply is declining and the attempts to recharge it have been unsuccessful. Once this water is used up, farmers and ranchers will have to look for other sources of water.

The High Plains is one of the most intensively developed and productive agricultural regions of the United States. According to a 1978 report

done by Tech researchers, if there is no improvement in dryland crop production, cotton may be reduced in production by 64 percent and grain sorghum by 91 percent between 1966 and 2015.

Irrigation decrease may occur not only from the decrease in the supply of water, but also because of the cost of fuel used for pumping this underground water to the surface.

"The price of fuel used for pumping water for irrigation has gone up perhaps 25 percent since last year," cotton farmer Don Enger reported. "Not only has the price of fuel increased, but in the last five years my supply of water has decreased as much as 50 percent."

Section 208 of the Water Pollution Control Act adds further complications to the problem. This section requires the nations water to be clean enough for fishing and swimming by 1983.

Enger said this act will not have as great an effect on the farmers as it will the ranchers, because there is a lot of waste runoff that goes into streams from feed lots. This act could create strict regulations on water used for

agriculture. There are a lot of different factors to be looked at in the water shortage.

"It's not like we need an advanced scientific breakthrough to solve our water problems," Bob Sweazy, director of Tech's Water Resources Center said. "It will take a combination of different research and conservation projects to prolong our water supply."

Studies are now being done on the possibilities of recharging the Ogallala Aquifer. If sites above the aquifer are found to be lose in consistency, then attempts can be made to pump water back into the aquifer.

The city of Lubbock is presently doing reasearch to determine the possibility of new reservoirs; one near Post and the other at the Double Mountain Fork of the Brazos. The questions of water quality and economic feasibility are the two major factors under investigation.

The importation of water would be a long-term solution. Sweazy said that it could take 30 years before water could be successfully imported from Oklahoma or Arkansas. This is considering how long it would take to dig the transportation canals and to build storage reservoirs in the Great Plains area.

Sweazy said that research is now being done to improve water recycling processes, irrigation proficiency, and plant genotypes that will require less water.

No one can really see into the future and know what will happen in the event of a water crisis. One thing is for sure, though. Water experts and researchers are constantly finding new ways of conserving water and are very concerned about preventing such a crisis.



Woods

## Woods speech planned

Donald Woods, a Neiman Fellowship journalist, will present the lecture, "Biko, Apartheid and the Crisis in South Africa," today at 8:15 p.m. in the University Center Theatre. Tickets are \$2 for students and \$3 for the public.

Woods a native of South Africa and former editor of The Daily Dispatch in East London, South Africa, is studying under a Neiman Fellowship at Harvard University.

As editor of The Dispatch, Woods criticized South Africa's policy of apartheid, the forced separation of blacks and whites. On Oct. 19, 1977, he became a "public non-person" by order of the Nationalist Government of South Africa. He was placed under surveillance, his mail censored and car bugged.

Woods, 44, escaped from South Africa on New Year's Eve, 1977. He has since continued to criticize the African Vorster regime and the murder of his friend, Black Consciousness leader Steve Biko.

"Biko," a book he wrote about his friend, was recently published. An autograph session will follow tonight's speech.

## Brown named director of new construction

Walter A. Brown has been named director of New Construction for Tech.

Glenn E. Barnett, vice president for Planning, said that Brown will join the staff on Dec. 1.

Since 1972 he has served as campus architect at the University of California, Riverside, with responsibility for all activities of the Office of Architects and Engineers in coordinating that university's capital improvement program, community planning and long range development.

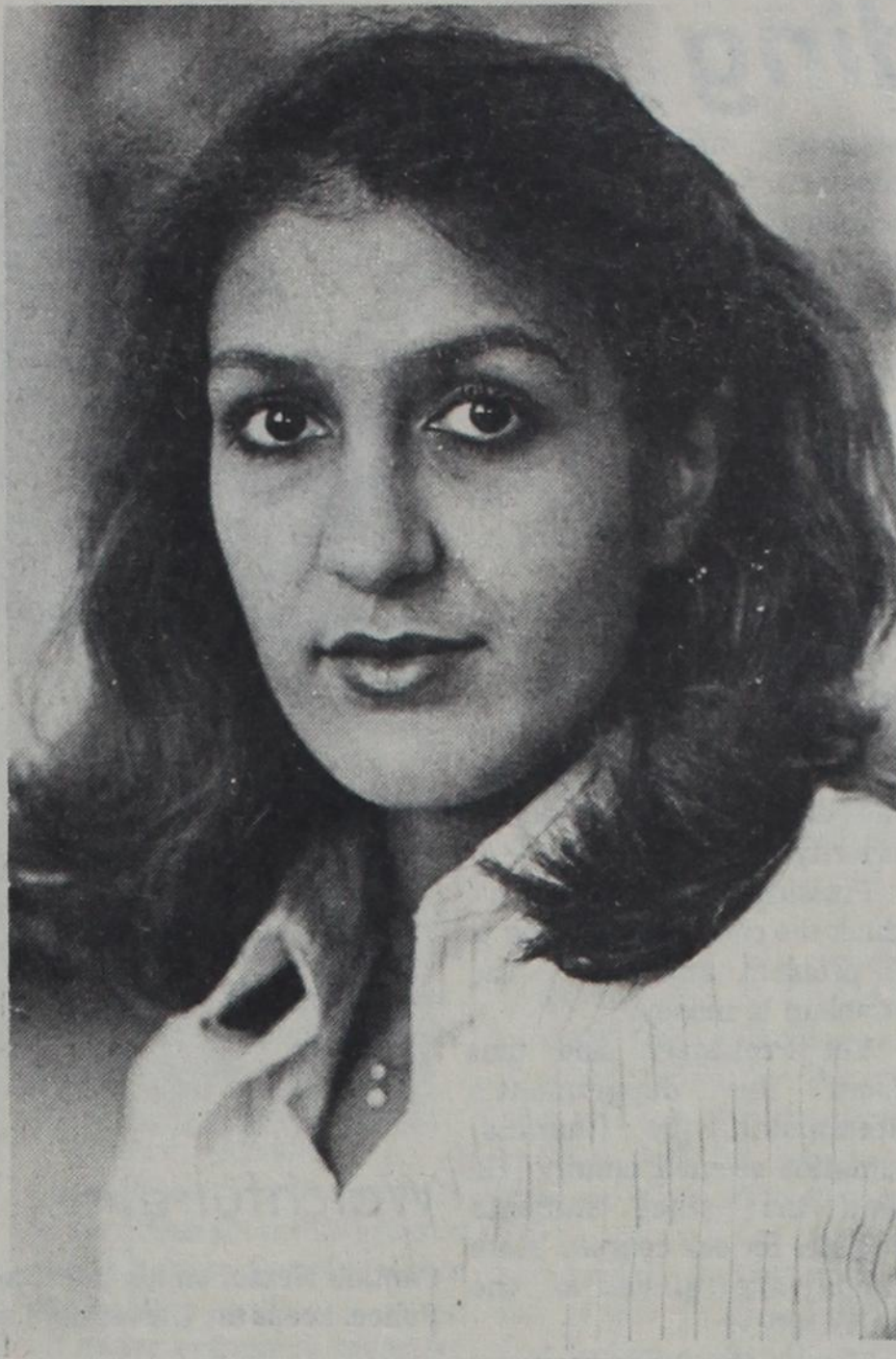
Previously Brown was project manager and assistant campus architect at the San Francisco Medical Center of the University of California. He worked for several years as specification writer and project architect for various architectural firms in San Francisco and San Diego.

A licensed architect in the state of California, he is professionally affiliated with the Construction

Specifications Institute, Association of University Architects and Rotary International.

Brown holds a bachelor of science degree in architectural engineering from the California State Polytechnic College.

The 45-year-old architect and his wife will move to Lubbock in November.



Marjan Jalali

## Iranian student enjoys agriculture studies

By CATHY CONLEY  
UD Staff

One beneficiary of the Shah of Iran's liberal policies concerning women is Marjan Jalali, the only senior woman in Tech's agricultural economics department.

"The fact that Tech's School of Agriculture is internationally known, is why I came to Lubbock," Jalali said.

On a scholarship from the Iranian government, Jalali is obligated to return to Iran and work for the government as a researcher in agricultural economics, once she has completed her studies. Technically, "If I choose not to return to Iran following my educational career, I could liquidate my obligations to the Iranian government by paying back the money," Jalali said.

Other options which she may choose rather than return to Iran, at least in the immediate future, would be to continue her studies here at the graduate level or accept a job with a European agriculture firm, working as a researcher in Switzerland.

Having attended schools in Europe and Iran, Jalali noted a distinct contrast between American universities and European and Iranian universities.

"The European and Iranian universities are strictly educational institutions whereas students in American universities are involved in a great deal of extra-curricular activities.

The professor-student relationship, in the European and Iranian universities, is very impersonal with vir-

tually no communication between the professor and students other than the professor's lecture," Jalali said.

Living in Lubbock for the past 3 1/2 years has been a very rewarding experience, Jalali said. "Most of my friends are Americans; however, I still mix with the Iranian students," she added.

Lifestyles in America differ somewhat from Iran, Marjan said. "Some Iranians believe Texans wear cowboy hats and boots and that Americans play silly games, (football), where the players jump on top of each other trying to get a ball," Jalali said.

"Girls in Iran never go into discos, which are almost all private, without a male escort, whereas American girls seem to go "clubbing" often and without male escorts."

"I am getting accustomed to the American way of living," Jalali said. She has traveled to Colorado, California, New Mexico and Kentucky.

Jalali has worked as a student assistant in the agriculture department and has a younger sister, Maryam Jalali, a freshman wild-life management major.

## Research reveals information processed decreases with age

By DAWN FOWLER  
UD Staff

As they grow older, women generally tend to process greater amounts of information better than men, according to Jeff Elias, assistant professor of psychology.

In research that started with his doctoral dissertation at West Virginia University, Elias has found that the amount of information people can process decreases with age but that the female's ability holds up better than the male's.

Elias' initial research was funded by the Department of Health, Education and Welfare's National Institute on Aging.

With his subjects ranging from the young adult to the elderly, Elias said he gets his volunteers from students, social clubs and churches. He said he enlists "aged people taking an active social role in the community."

Elias has found that in a right-handed person, the left hemisphere of the brain processes verbal and inventive information and the

right hemisphere of the brain processes repetitive information. The opposite is usually true in a left-handed person. "Which parts of the brain process the different information depends on what hand you use," Elias said.

From his research, Elias has found that while older people still have the same ability to process information, they tend to process information at a slower rate and consequently, they can't process large amounts of information. Elias said, "This could be due to physiological (slower reaction time) or psychological (being more cautious) reasons."

Elias' data have also shown that older women tend to be able to process greater amounts of information than older men. Elias believes this is related to the difference in the maturation rate of the female and the male. Because the brain of the female tends to mature earlier, the female can usually process verbal, inventive and repetitive information in both sides of the brain.

help him recover his speech. The female, on the other hand, usually has language capabilities developed in both hemispheres of her brain and can therefore recover her speech sooner.

Elias hopes to receive further funding from HEW by developing tests which may be responded to by touch. By developing tests which utilize tactile stimuli, Elias said it will be easier to work with the elderly, deaf, blind, and stroke patients.

This method will also eliminate the handicap faced by elderly people who can perform as well as younger people on tests but who have perceptual or sensory declines.

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# Department seeks funding

By ROD McLENDON  
UD Staff

Imagine a department which has no classroom space on campus and whose professors are not paid by Tech. In part, this describes the biblical literature department at Tech.

The department's teaching staff is currently attempting to improve its relationship with the university. Roger Lloyd, the newly elected chairperson of the department, said he felt the department should be funded.

Lloyd said, "We are not high on the administration's priority list. In fact we may be at a standstill with the university. That may be because none of us here are really militant."

Art Preisinger, the senior member of the department's teaching staff, said he thought the department was in an odd

situation. In a sense, we are responsible to Arts and Sciences," he said, "and in a sense we're not. Therefore, we can operate loosely."

Each of the biblical literature professors is paid a salary by the denomination he represents. Preisinger said the department feels the study of religion is a proper academic discipline. Since the department is small and the teaching staff might be decreased should they become a funded department, Preisinger said, "our goal may be to work ourselves out of a job."

Biblical literature professor Bill Chapman said he felt more work needed to be done to clarify the relationship between Tech and the department. "The relationship seems so complex with so many wrinkles," Chapman said.

Mike Lundy former department chairperson, described the relationship with the university as "ambiguous."

Lundy said, "We want to help the university to see the importance of the study of religion as a full-fledged academic pursuit. I think the purpose of a university is to help man discover things about life that are important. I think religion is important enough to be made a paid department. Right now we are an appendage. They tolerate us."

Lundy said he felt the major goal of the department was to maintain a high degree of credibility in instruction. "If the university ever comes around," he said, "we must be ready to go."

Chairperson Lloyd described the standards of the department. He said an in-

structor must have a master's, a seminary degree, teaching competence in his field, and be serving as a full-time campus minister.

"One of the features of our department is that every instructor is professionally prepared. There are no TAs," Lloyd said, "and since the classes are small, there is good interaction."

Each of the professors said one of the chief problems with not being able to become a paid department was that the university did not consider the department a financial priority.

Preisinger said, "I don't think the church-state thing is a problem anymore. The problem is money."

Yet Preisinger said that from the department's standpoint, the financial situation seemed unfair. He said that since students register for our courses, state funds are given to the university.

Though the funds may not be much in comparison with other departments," Preisinger said, "I'm sure that through the years, it has been quite a considerable sum."

Though the church-state relationship is not seen as the chief obstacle to departmental funding by any of the professors, Lundy said, "The university needs to make a judgment as to whether this (departmental funding) is a conflict in church-state relations."

Lundy said that whether a religion department is funded or is located on campus is an option on all Texas campuses. Preisinger said the department has been under fire from some elements on campus. He labeled these complaints as "faculty gripes about sectarianism."

"We bend over backwards to avoid bias in teaching," Preisinger said. "There is a danger of making this department a way of proselytizing because religion is a very emotional thing."

He said he thought that all of the professors tried to be as objective as possible and he believed the department was as objective as any other department.

"I think it is more sectarian to teach in the campus ministry centers where we currently teach than it is to teach on neutral ground," Preisinger said.

"Thus, I think the least Tech can do is provide classroom space."

Lloyd said the only other department that is not paid by Tech is ROTC, but they are given classroom space. Lloyd said the department's task is to continually clarify its relationship with Tech.



Watchful eyes

Captain Nemo, on his latest assignment for The University Police, keeps the University Center under surveillance for an

unusual or suspicious characters. (Photo By Ed Purvis)

## CLASSIFIED

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# Ads

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## 742-3384

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Persons wishing to place a Moment's Notice in The University Daily for more than one day should come to the offices on the second floor of the Journalism Building and fill out a Moment's Notice form for each publication date the notice needs to appear.

Tech Chess Club

The Tech Chess Club will meet tonight at 7:30 in Room 160 of the BA Building. Everyone is invited.

Student Organization Advisors

Attention Student Organization Advisors. Please call the Student Life Office at 742-2192 to reserve space for an advisors workshop Wednesday from 4:30-6:30 p.m. in Room 110 of the Engineering Center. Club presidents or advisors are also welcome.

SCEC

The Student Council of Exceptional Children will meet Thursday at 7:30 p.m. in Room 245 of the Administration Building. Any questions contact Rhonda McClain at 792-8895

AAUP

The American Association of University Professors will meet Thursday at 12:30 p.m. in the Mesa Room of the UC.

American Organization for the Education of the Hearing Impaired

The American Organization for the Education of the Hearing Impaired will meet tonight at 7:30 in Room 130 of the Foreign Language-Mathematics Building to plan a special Halloween party.

Engineering Student Council

The Engineering Student Council will meet tonight at 6 in Room 110 of the Engineering Center.

Playboy Applications

Applications are being accepted for Playboy cover girl and "What Sort of Man Reads Playboy." Applicants need to submit color and or black and white photographs, full-length and close-up. Put the photographs in an envelope with your name, phone number and classification on the envelope. Bring applications by the La Ventana office before 5 p.m. on Nov. 6.

ASM

The American Society for Micro-Biology will meet tonight at 7:30 in Room 101 of the Biology Building. John Morrow, TTSM, is speaking and there will be a reception following.

Phi Beta Kappa

Phi Beta Kappa Alumni will meet Thursday at 7:30 p.m. in the Senate Room of the UC. There will be a speaker from the American Cancer Society, installation of new members and officers, and discussion of a money-raising project.

Saddle Tramps

Need Workers? On Saturday Oct. 28 Saddle Tramps will be working for \$2.75 per man hour. You furnish all materials and we will do the work Saturday Oct. 28 from 8 a.m.-noon and 1-5 p.m. First come, first serve. All proceeds go toward Tech. For more information call the Tramp offices at 742-3895.

Breadbreakers

Breadbreakers will meet today from noon to 1 p.m. in Room 209 of the UC for a Bible Study. All faculty and staff are welcome. Don Peel and Bill Claborn will lead a discussion of the first part of Matthew VI.

Homecoming Committee

Applications will be available for the 1978 Homecoming Queen. These will be at the Saddle Tramp Office in the UC. A candidate must be of junior or senior standing, have a 2.0 GPA, be single and a full time student. The queen will be crowned at the pre-game homecoming ceremonies.

Homecoming Committee

The Homecoming Committee will meet today at 3 p.m. in the Student Association office.

Homecoming

Deadline for float and yard decoration applications are due today. They are to be turned into the Saddle Tramp office. For information, call 742-3895.

SAM

The Society of Management will meet Wednesday at 6:15 p.m. in the UC Ballroom. Coat

and tie. Kent Hance and George Bush debate follows the meeting and is open to the public.

United Mexican-American Students

United Mexican-American Students will meet Wednesday at 7 p.m. in Room 121 of Holden Hall. It is a business meeting and everyone is welcome to attend.

Omicron Delta Kappa

Omicron Delta Kappa is now accepting for membership. Applications are available in Room 163 of Holden Hall. Applicants must be juniors or seniors with a 3.0 GPA and must be in four major and minor activities on campus. Deadline for applications is Nov. 3 at noon.

Faculty Recognition Week

Any student organization may submit name(s) of faculty member(s) who they feel deserve to be recognized for their outstanding teaching and/or contribution to campus life. Faculty Recognition Week is being sponsored by Mortar Board. Forms may be obtained in Room 163 of the Administration Building. Deadline for nominations is Nov. 2.

Tech Accounting Society

The Tech Accounting Society will meet Thursday at 7:30 p.m. at South Plains Electric Co-op at Ave. A and 3rd Street. The speaker will be Michael Smith of M. Michael Smith, CPA. All interested persons are welcome to attend. The meeting is coat and tie.

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Answer to Friday's Puzzle

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# Seagoing oil riggers hunt energy supplies off New Jersey coast

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**OFFSHORE IN THE BALTIMORE CANYON** — The start for nearly everyone in this demanding trade is a dirty bottom where the men are called "roustabouts." But if they are tough enough and good enough and the work appeals to them, they quickly graduate to a higher class called "roughnecks."

There is a distinction, and these grim job titles — describing occupations new to the Eastern Seaboard — have brought with them a new class of men from the Gulf of Mexico: the seagoing oil riggers. They are hunting for supplies of oil and natural gas.

In recent years they have worked under hellish conditions in the North Sea, where 60-foot waves and 80-knot winds are not uncommon. Their job in the Baltimore Canyon, 70 miles off the New Jersey coast, is a piece of cake by comparison, but it is still a hard life in a sometimes-hostile environment out of sight of land.

Though the rigs and riggers are a common sight in the Gulf of Mexico off Louisiana and Texas, where more than 18,000 offshore wells have been drilled in the last 30 years, there are only six rigs at present in the Baltimore Canyon, which stretches 150 miles off the mid-Atlantic states. Three of the six rigs have indicated promising results.

Hundreds of millions of dollars are at stake in this new game of gambling in the vast sea town called Atlantic.

The social structure on an exploratory wildcat petroleum rig is very much a classless society. The men, many of whom have grown up doing this work since their teens, "crew" a rig much like members of a sailing ship. No one gets away with not doing his share in this small world, or else he gets put ashore. The

roustabout handles heavy cargo, while the roughneck works with the rig itself.

There is a warm camaraderie in this crew of weathered outdoorsmen who refer to themselves as "boys." Everyone dresses alike and, almost to a man, they look and talk alike in their brotherhood of long sideburns and strong, tattooed arms. Jump suits and bib overalls, shower clogs and high, steel-toed boots are the uniforms on and off duty. Jaws bulge with Skoal chewing tobacco and snuff, and the accents are almost all home-grown in Louisiana and Texas, where most of them still live.

Supplies are brought in by ship from bases in Rhode Island, but personnel transportation to and from the rig is provided by 10-passenger helicopters operating out of a Dept. of Transportation airport near Atlantic City. In a page out of Vietnam, men don Mae West life jackets and jam together on nylon jump seats for the 100-mile-an-hour flight. Alcohol, drugs and firearms are absolutely forbidden, and any infraction of this rule is ground for immediate dismissal.

The top man on board is Chuck Kelly, 45, of Bernice, La., who is called the "tool pusher." The rig, of course, is the man who "pushes" it. All tool pushers have started at the bottom and are known for their calm temperament and their ability to make quick, sensible decisions. Kelly wears a hardhat like the rest of them. "Chuck" is stenciled in plastic above his brim. He has a private stateroom, much like the captain of a ship, but in no other way is he a man apart.

Talking in a low, smiling drawl, he says that many of the men on this job are in their early 20's. There is quite a bit of turnover in the lower ranks.

"Young people today just don't seem to want to take orders," Kelly says. "They haven't had any discipline. We've had them come out here, take one look at the rig and return on the same chopper that brought them."

The soul of the rig, unquestionably, is the mess hall. It is open 24 hours a day, and food is always laid out. This is where the crew gathers before and after crew changes and during off-hours. They are always eating, mainly because there is little else to do. The only recreation on board is fishing, watching television or playing a Louisiana card game called "bourrais."

Two kinds of fresh coffee are constantly perking — a conventional light and a dark Louisiana java with chicory. The dining tables are jammed with every conceivable condiment: jams and syrups and seasonings, many of them favorite flavorings from boyhood meals of rice and beans, grits and gravy.

The thrill of visiting an all-night, free-eats eatery is cut considerably when the galley runs out of milk, Coke or soft ice cream. With nothing to do but work, eat, read, eat, watch television or whatever, eat, sleep, eat, life rolls on methodically like the sea in a series of dull punches and growing dull punches.

Room and board are provided free. The rooms are spartan, four-man quarters. You can't spend a dollar if you want to, since there is not even a canteen. And the only woman on board is likely to be a studious geologist with more interest in minerals than men.

But when a woman is on board, the boys show their country manners by toning down their language over the intercom that is always summoning someone to do something. They even wrap towels around themselves

while walking to and from the showers.

One day falls into the next during a numbing, two-shift routine — 12 hours on and 12 hours off seven days a week until the 14-day hitch is completed, the calendar marked off, and then it's a free ride on a chartered plane back home for two weeks. Those who start in the galley earn \$4.60 an hour, but those who start as roustabouts earn \$5.29 for an 80-to-90-hour week, with time and a half for overtime after 84 hours.

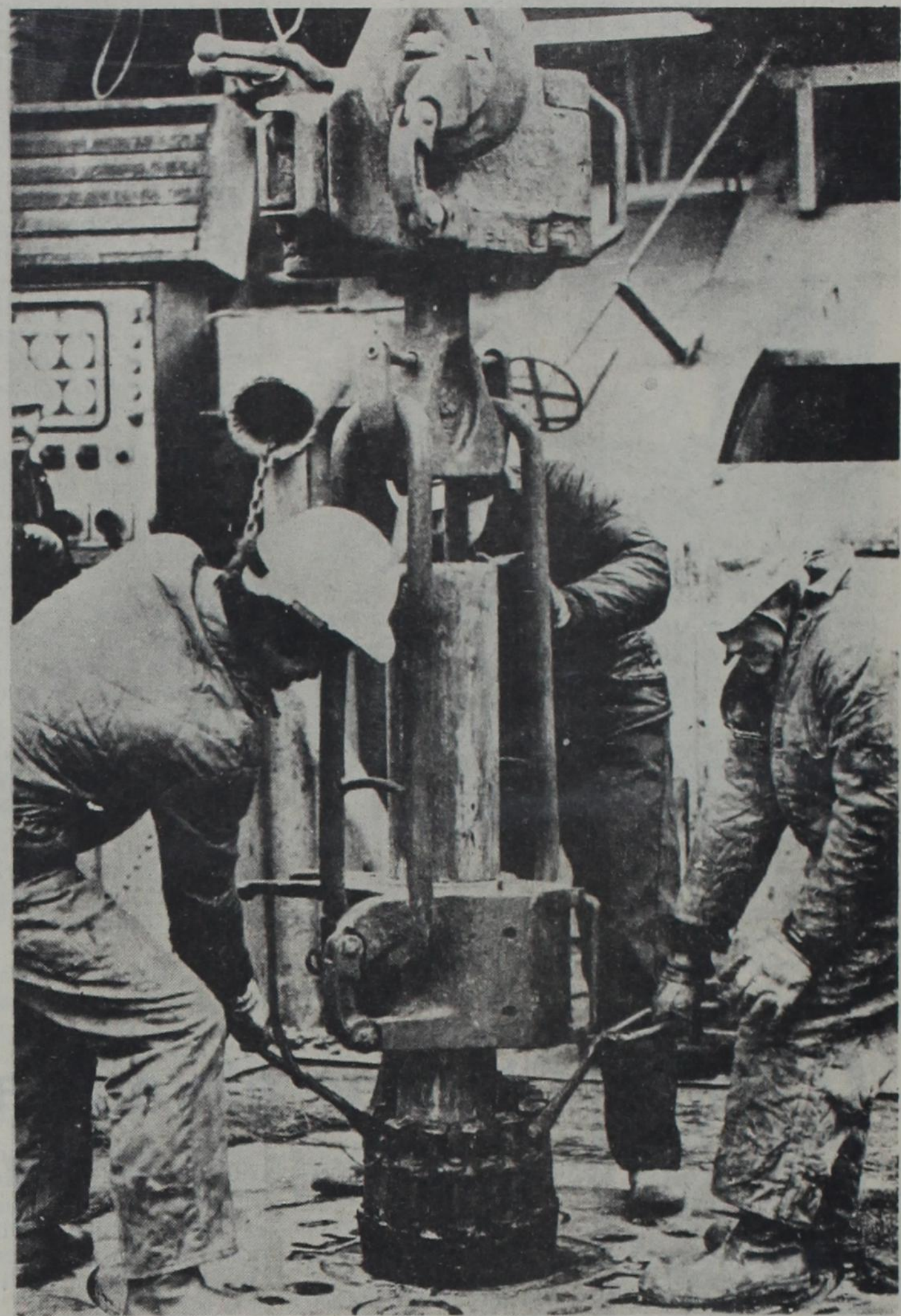
Western Oceanic Inc. of Houston owns and operates two of these \$34 million rigs in the Baltimore Canyon, where exploratory drilling is going on under extremely secretive conditions. If a strike is made, it is not all uncommon for a rig to be quarantined for a time with no one allowed on or off until certain definitive tests are made.

Chuck Kelly's rig, called "Western Pacesetter III," has been operating in 214 feet of water at its present station since the end of June. Semi-submersible and capable of operating under its own power, it is built to withstand 100-knot winds and 100-foot seas. The rig, of course, would be evacuated for such weather conditions. It is not permanently moored and can be moved from place to place. The rig is stabilized and held

firmly in place by load tensioners, heave compensators and eight 30,000-pound anchors attached to 3,500 feet of three-inch chain. The rig is leased to Mobil for \$3,000 an hour, and has been drilling toward a "target" depth of 16,000 feet, which the crew expects to reach by next month. The total costs for this one well are estimated at \$9 million.

The drilling has reached 15,000 feet (the rig is capable of 25,000 feet), but the deeper it goes, the harder the rock gets and the worn tungsten-carbide drill bit has to be changed every 40 to 60 hours. This, of course, means bringing up the entire 16,000 feet of pipe in three-part, 90-foot sections and putting it all back together again. The change takes 12 hours.

On the 60-man rig there are but three Mobil people: Dan Daley, a general supervisor, who looks after company interests, and two geologists who work under top-secret conditions in a trailer on the topside deck. This area is off-limits to all but authorized people. Here a constant, computerized watch is kept over the drilling mud and sediments that are continuously pumped back to the surface. This is where the detective work is done under microscopic analysis that actually calls for the mud to be tasted at times.



**Oil rig** "Roughnecks" at work clamping drillbits during exploratory operations on the Baltimore Oil offshore test-drilling rig. Conoco's rig is 60 miles off the New Jersey coast, some 60 miles from Atlantic City, in the Baltimore Canyon areas.

## Environmental education goal of group

Free enterprise and a healthy environment are compatible in the view of the newly elected president of the National Association for Environmental Education.

Robert Marlett, professor in park administration and landscape architecture, said

the association he heads wants "a better prospect for our children and theirs" without forsaking progress. "Nobody wants to return to the trees," he said, "but it is important to teach children to examine alternatives and make decisions in the best

interests of everyone." Marlett said the association seeks to incorporate its teaching in the three Rs.

"Environmental concern is a proper content for reading, writing, and arithmetic because it connects children with their world," Marlett

said. "Children should be taught that their actions have consequences. Each one needs to learn that the individual can make a difference."

The NAEE, he said, wants environmental education to begin on the elementary level and continue throughout life.

"We are not opposed to change," he emphasized, "but we want changes to be made mindfully. We are not against progress, but we are against blind progress."

"This can be avoided by teaching children at an early age to look at all aspects of issues, including aesthetics."

The NAEE is growing, Marlett said, with members in all 50 states and subdivisions in more than half the states.

Marlett serves on the Executive Board of the Texas Association which was organized last year and will meet Saturday in Wimberley in the Hill Country.

# Center schedules interview times

Interview schedules will be available for signing on the following dates starting at 7:30 a.m., today, in Room 152, Administration Building for December 1978, May and August 1979 undergraduate and graduate candidates and alumni. Students interested in summer employment may sign up on Wednesday, at 8 a.m., in Room 152 of the Administration Building.

**WEDNESDAY, NOV. 1**  
**GENERAL TELEPHONE & ELECTRONICS.** Administration Building (Basement, West Wing) Majors: Math., Comp. Sci., Acct., Fin. (bachelor's or master's) U.S. citizenship-permanent resident visa required.

**THURSDAY, NOV. 2**  
**AMERICAN MICRO-SYSTEMS, INC.** Administration Building (basement, West Wing) Majors: EE, Physics (bachelor's, master's or Ph.D.) ANACONDA COMPANY. Administration Building (Basement, West Wing) Majors: Acct., Fin.

Majors: ME, EE, IE (bachelor's or master's) U.S. citizenship - permanent resident visa required.

**J. C. PENNEY.** Administration Building (Basement, West Wing) Majors: Bus. Adm. (bachelor's) U.S. citizenship-permanent visa required.

**SUSIE'S CASUALS.** Administration Building (Basement, West Wing) Majors: Home Economics (bachelor's) U.S. citizenship-permanent resident visa required.

**TEXAS INSTRUMENTS.** SEE TUESDAY, OCT. 31

**U.S. AIR FORCE.** SEE MONDAY, OCT. 30

**THURSDAY, NOV. 2**  
**AMERICAN MICRO-SYSTEMS, INC.** Administration Building (basement, West Wing) Majors: EE, Physics (bachelor's, master's or Ph.D.)

**ANACONDA COMPANY.** Administration Building (Basement, West Wing) Majors: Acct., Fin.

(bachelor's) **BELL SYSTEM.** SEE WEDNESDAY, NOV. 1

**CARRIER CORP.** Administration Building (Basement, West Wing) Majors: ME (bachelor's) U.S. citizenship - permanent resident visa required.

**E-SYSTEMS, INC.** Administration Building (Basement, West Wing) Majors: EE (bachelor's, master's or Ph.D.) U.S. citizenship - permanent resident visa required.

**EQUITABLE LIFE ASSURANCE SOCIETY.** Administration Building (Basement, West Wing) Majors: Arts & Sci., Bus. Adm. U.S. citizenship-permanent resident visa required.

**GULF OIL CORP.** SEE WEDNESDAY, NOV. 1

**HAGGER COMPANY.** Administration Building (Basement, West Wing) Majors: Mgt., IE (bachelor's or master's) U.S. citizenship-permanent resident visa required.

**SOUTHWESTERN PUBLIC SERVICE CO.** Administration Building (Basement, West Wing) Majors: EE, ME (bachelor's or master's) U.S. citizenship - permanent resident visa required.

**FRIDAY, NOV. 3**  
**ANACONDA CO.** SEE THURSDAY, NOV. 2

**EQUITABLE LIFE ASSURANCE SOCIETY.** SEE THURSDAY, NOV. 2

**SOUTHWEST RESEARCH INSTITUTE.** Administration Building (Basement, West Wing) Majors: EE, ME, IE, CE, Math., Physics, Geophysics (bachelor's, master's, or Ph.D.)

**TITCHE'S DEPARTMENT STORES.** Administration Building (Basement, West Wing) Majors: Mkt., Mgt., Eco., Acct., Fin., Fash.

**Merch. (bachelors) U.S. Citizenship-permanent resident visa required.**

**U.S. STEEL CORP.** Administration Building (Basement, West Wing) Majors: EE, ME, EET, MET (bachelor's) U.S. citizenship-permanent visa required.

**FRIDAY, NOV. 3**  
**ANACONDA CO.** SEE THURSDAY, NOV. 2

**EQUITABLE LIFE ASSURANCE SOCIETY.** SEE THURSDAY, NOV. 2

**SOUTHWEST RESEARCH INSTITUTE.** Administration Building (Basement, West Wing) Majors: SEE THURSDAY, NOV. 2

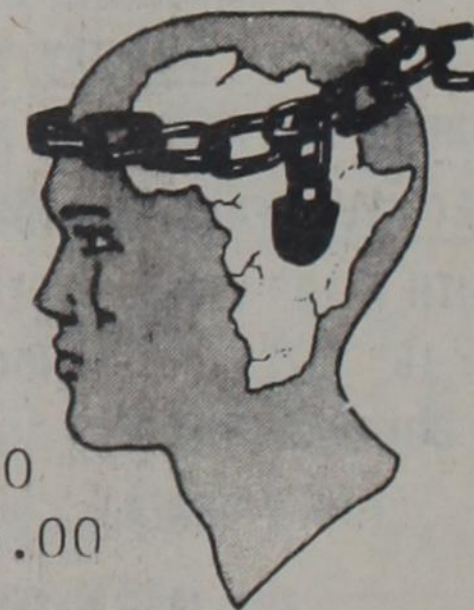
**TENNECO, INC.** Administration Building (Basement, West Wing) Majors: Secretarial Sci., Office Adm. Bus., Education U.S. citizenship-permanent

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Donald Woods was the editor of the Daily Dispatch in East London, South Africa until October 19, 1977, when he was banned by the Nationalist Government of South Africa. Plainclothes police kept him under constant surveillance, his mail and phone conversations were intercepted and his car was bugged. He was barred from journalism, forbidden to write anything, even a postcard. But Woods did write, in secret, the story of the imprisonment, torture and murder of his friend, black leader Steve Biko. On New Year's Eve 1977, Woods vaulted into world news headlines with his daring escape, choosing exile from his native land in order to tell the world about Biko.

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# The Rhythm Section shows class



By **ROBIN KRAL**  
UD Entertainment Staff  
Smooth, catchy tunes like "So Into You" and "Champagne Jam" are the trademark of the Atlanta Rhythm section. But the Rhythm Section can play first-class rock in a variety of styles, as proved by its Sunday night performance in the Civic Center.

This band has paid its dues; building a cult following through extensive touring and a number of solid, but largely overlooked albums. "So Into You" brought the Rhythm Section to prominence in 1977. Its following grew quickly. Since then, success has continued to the present with a

**Performance:  
...ON STAGE**

string of hit singles. The show Sunday was rather short (about an hour-and-a-quarter), but nobody seemed to feel short changed. Savoy Brown opened the program with an uneven, but energetic set of hard blues-rock. Guitarist Kim Simmonds carried the set, which is to be expected; he has always been the main man of the band, throughout myriad

personnel changes. ARS's set consisted mainly of its hit singles, with a couple of "oldies but goodies" thrown in for good measure. "Sky High" opened the show, and was followed by "Not Gonna Let It Bother Me," "Imaginary Lovers," "Champagne Jam" and "So Into You." The Section's professionalism was evident

in every aspect of the show. The sound system and mix were excellent, which enabled the band to come very close to its studio sound. The music was loud, but not painfully so. Singer Ronnie Hammond was in complete control whenever he sang or talked to the audience. He kept stage patter to a minimum, saving his energy for the music. His vocals were powerful and never out of control. The songs were very similar to the studio versions except for one extended jam in which every instrumentalist had a chance to solo. Bassist Paul Goddard was particularly outstanding during his solo; his large size made him seem

a bit ludicrous, but he quickly gained the admiration of the crowd with his frenzied playing. Lead guitarist Barry Baily was excellent throughout the show, laying down burning lead lines when called for, and keeping the songs moving ahead when playing in the background. The other members of the band performed their roles well; staying in the background when they were supposed to, but consistently putting forth effort. As a result, the beat never wavered, and there were no obvious mistakes. The Rhythm Section closed the first portion of the set

fairly quickly, but came back for an extended encore, which was when the band really began to display its versatility. The first song of the encore was "Rocky Raccoon." It was even better than the Beatles' version, because all the cute crap was omitted. Next was powerful cover of "Georgia Rhythm," which has to be one of the best songs about touring. The band played and sang as if every note was engraved in its brains. Their final number put the icing on the cake, with the band delivering a scorching, all-stops-out rendition of Little Richard's classic, "Long Tall Sally."

## Youth's struggles, triumphs mark 'Boheme'

By **BECKY STRIBLING AND DOUG PULLEN**  
UD Entertainment Staff

Emilia Simone will play Mimi and Bruce Ford will

play Rodolfo in the upcoming production of "La Boheme." Tech's Music Theatre is producing the opera in cooperation with Civic Lubbock, Inc.

Performances are Friday and Saturday at 8 p.m. Tickets are \$6, \$7 and \$8. Student tickets are one-half price. Call the Civic Center box office at 765-9441 for more information.

Simone and Ford are only a small portion of the cast chosen for the English version of the production. Robin Flood and Helen Reikofski will alternate in the role of

Musetta while Joel Armstrong and Ron Carter trade off playing Marcello. Other principals in the 42-member cast are Mike Morgan as Schaunard, Terry Cook as Colline and Jim Toland in the roles of Benoit and Alcindoro.

comprehension much easier for local audiences. "La Boheme" is the fourth opera written by Giacomo Puccini. It is one of the most popular Italian lyric stage works.

## Chicago alive again with 'Hot Streets' LP

By **CHUCK GERARDI**  
UD Staff  
"Yesterday I would not have believed that tomorrow the sun would shine...I am alive again."

The first cut on Chicago's latest effort, "Hot Streets" (Columbia), jumps forth with a reflection of the situation that the band has faced this past year. Last December, Chicago severed its ultra-successful ties with James William Guercio, its producer of 11 years and 11 albums all certified platinum. Less than one month later, the band was jolted by the death of vocalist-guitarist Terry Kath, who accidentally shot himself with a gun he allegedly believed was empty.

Kath's death "hit the group like a wall," said bassist Peter Cetera. Bobby Lamm, Chicago's keyboardist, commented that the band pondered quitting. With persuasion from family and friends, the decision was to carry on. The first step was to replace Kath with an able musician. Texas native Donnie Dacus, once with Stephen Stills, Boz Scaggs and Kiki Dee bands, was chosen to fill Kath's shoes after 35 auditions. Dacus supplies the electric punch that has been lacking in Chicago's playbook since "Chicago VIII."

The eight-men who comprise the jazz ensemble are more than just a family of musicians—they are musical connoisseurs. Bobby Lamm majored in music at Roosevelt University. Walter Parazaider was an un-

**Performance:  
...on Record**

derstudy to the Chicago Symphony's first clarinetist. James Pankow received a music scholarship to Illinois Quincy College.

With the addition of the journeyman Dacus, Chicago displays one of the most talented, polished rock bands in America. "Hot Streets" proves Chicago has overcome its period of grief, and, at 11 years young, is alive again. A more diversified selection of arrangements and a motivation to honor Kath make "Hot Streets" a shoe-in for Chicago's twelfth straight milestone LP.

Bassist Peter Cetera, 34, returns to form with thundering chords on "Alive Again" and "Gone Long Gone." Drummer Danny Seraphine's powerful percussion work is a fine com-

plement to Cetera's bass efforts.

Dacus, the band's youngest member at 26, gives Chicago its first recognizable personality. Besides a limited movie career (the lead role in "Hair"), Dacus' rock roots are well established. Guitar solos on "Take A Chance" and "Alive Again" are the album's highlights.

Since 1974 Chicago has been branded by critics as one of the top jazz-rock bands in America. Thanks here go to the incomparable brass section of Parazaider (woodwinds), Lee Loughnane (trumpet) and Pankow (trombone). "Hot Streets," the title cut, displays the finesse of the classy trio.

On side two, the distinct sound of the band is shaken somewhat by the guitar work of Dacus on "Gone Long Gone." Dacus' chords measure up to work done by George Harrison at his best. To add a little color to the

production, the Bee Gees provide the "Ya, Yas" on "Little Miss Loving."

Chicago records at Criteria Studios in Miami for the first time on "Hot Streets." Criteria is the long-time home of the Bee Gees.

For the fans Chicago's acoustic side "Hot Streets" offers "The Greatest Love On Earth," and "Love Was New."

Six members of Chicago are credited with composition on "Hot Streets." Three members—Cetera, Dacus and Lamm—all share lead vocals.

The familiar Roman-numeral titles which characterized albums "Chicago II" through "Chicago XI" are gone. The belief that the band headed down the tubes can be wiped away as well.

After 11 years of being the caviar of rock and jazz, Chicago is alive again.

Director John Gillas said the story is about the struggles of a couple of musicians, a poet and a philosopher. The four live in the Latin Quarter of Paris. "La Boheme" is set in early 19th century.

"The opera is similar to 'Love Story' and 'Romeo and Juliet'—boy meets girl; boy falls in love with girl; and then boy loses girl," Gillas said.

"La Boheme" contains a number of contrasts, including its most prominent one; that of gaiety and laughter versus misery and tragedy.

"The best thing about 'La Boheme' is that it is so true to life," Gillas said. "It is not a remote story about gods or goddesses. That's why it wasn't accepted at first. People didn't like seeing people like their own neighbors on stage."

The production will be performed in English, making

way that his opera could be accepted by opera enthusiasts. "La Boheme" is unconventional in its subject matter.

But as Marek describes it, "La Boheme" is a new kind of opera, neither 'grand' nor 'comique,' but a music drama in which youth was to have its sway."

## What's an 'Octubafest'?

By **MADELYN OWENS**  
UD Entertainment Staff  
In the 1960s, Indiana's Bill Bell came up with a holiday for tuba players called Octubafest. How did he get the name?

"It's a handy pun August, September, Octuba," said David Payne, an assistant professor of music at Tech. The name was originally derived from the German "Oktoberfest" a celebration of the fall harvest in Germany. Bell decided to take the month of October and turn it into a month for tuba players.

Bell's intention was to create a good time to show off the old and new students. "We bring out the ham in them," Payne said.

The Octubafest, Program II, is a free recital tonight at 8:15 in the Recital Hall of the Music Building. Instruments involved are tubas, euphoniums, French horns and pianos, which are used to create a mixture of solos and ensembles.

As a special feature, Payne will play an original composition which he wrote in dedication to Dean Killion, the director of the marching band.

his piece first. Tonight will be the first time the public will hear it.

"Fanfare" is based on two tunes very, very familiar to Red Raider football fans," Payne said. "Other tunes are all connected with praising God. One in particular for praising God for recovery of health."

Payne will be directing the ensembles with help from Mike Astwood, a Tech music student.

Astwood has also formed his own quartet, The Astwood Quartet.

"Stars and Stripes Forever," will close the show with Bob Sheard performing a piccolo solo. "It includes the famous piccolo part, complete with trills," Payne said.

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# Louvre's lab on road again

(c) 1978 N.Y. Times News Service

By ANDREAS FREUND  
PARIS -- The Louvre Museum's new laboratory on wheels for the scientific examination of art works is off again, for a tour of Northern France with stopovers at museums in Lille, Douai and Arras.

It is the mobile laboratory's second such journey since it proudly coasted southward on its maiden voyage last spring, notably for the x-raying of a famous Le Nain painting at St.-Denis-de-Bordeaux.

The laboratory is believed here to be the first of its kind in the world. It comes in the shape of a huge, cream-colored truck inscribed with its full official French name meaning, "Research Laboratory for France's Museums."

Inside, distributed over three separable rooms, there is a complete photo lab with the equipment for handling infra-red photography; an armoured x-ray laboratory, and spotless installations for microscopic and chemical analysis, including a

refrigerator and special burners.

Everybody, including the Louvre's chief curator, Madeleine Hours, who conceived the project, refers to the mobile unit as "Le Labobus."

In the words of Mrs. Hours, Labobus is there for three purposes.

—First and foremost, it is a tool for the diagnosis of the state of health of a painting, sculpture or other artwork, with a view to either its interior restoration or towards a better knowledge of how the artist produced the work. The exam will show what the artist erased, or what he or a pupil or a forger may have added later.

The techniques used in such research include photography under normal lighting; under lateral lighting beamed for refraction of the asperities on a surface; ultraviolet rays for exploring what's atop the varnish; ultra-red rays for what's underneath, and x-raying for in-depth scrutiny.

One advantage of sending the Labobus to the provinces rather than have an art work shipped to Paris just for an examination is that it avoids

any risk of damaging the work on the way—as well as eliminating costly insurance.

Art works are only brought to Paris and the Louvre's specialized team of 30 restoring experts if the exam reveals a need for restoration.

—The mobile laboratory helps in getting together curators and specialists from Paris and the provinces in joint work in fields of a common interest, something conducive to the cross-fertilization of ideas.

To create the right psychological climate, the Louvre has made a point of placing Labobus under the responsibility of whoever is the curator of a museum needing its facilities.

Labobus is routinely manned by three persons—the chauffeur, a radiologist and a photographer. Other specialists may be joining Labobus at its destination, depending on what the assignment is. He may be an archaeologist specializing in terracotta, an art historian expert in a given period or a physicist with an interest in ceramics or stained glass.

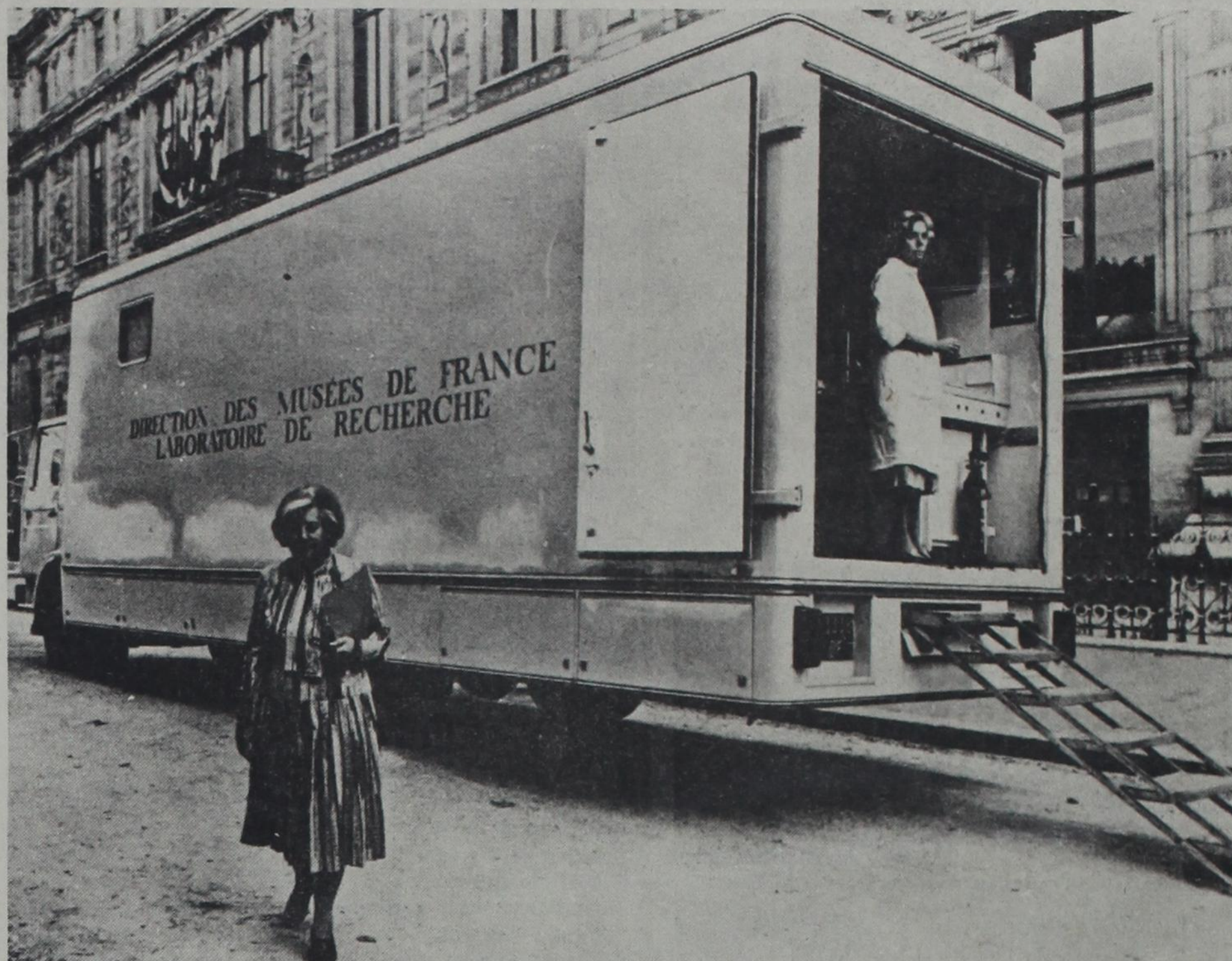
serves cultural public relations by sustaining an interest consciously promoted by the laboratory's crew. Each time the laboratory-on-wheels arrives, everybody in town is invited to come, watch and visit.

"So the teachers come, the school children, the gendarmes, the mayor, the cafe owner and the hairdresser," said Mrs. Hours, "and everybody loves it."

Stopovers generally average four days. Blown-up charts are available to show what the chemist can find out through the microscope from a sample the size of one-tenth of a micron. There is a negatoscope, too, and color charts. And there is a conducted tour of the premises after the day's work is done.

The truck was custom-built for the Louvre according to its specifications by Citroen. The truck, body and motor, cost the equivalent of \$60,000, with another \$120,000 spent on the equipment inside. Both were sums provided by the Culture Ministry's museums department.

The Labobus is 33 feet long, 8 feet wide and 12 feet high, with a 7-ton carrying capacity.



Lab-on-wheels

Pictured above is the Louvre Museum's new laboratory-on-wheels, which is parked in a courtyard at the famous French museum. The lab-on-wheels is believed to be the first of its

kind in the world. The French title on the side of the cream-colored truck means "Research Laboratory for France's Museums."

## Art, astrology, football . . .

# Museum offers wide variety of exhibits

COMPILED BY UD STAFF WRITER JANA BRYANT

The art of Aristide Maillol will be the subject of a seminar today at 10 a.m. in the Tech Museum. The lecture is the second in the 10-lecture series of art seminars at the museum this fall.

This is the 19th year of seminars led by Rabbi Alexander Kline of Lubbock. The 1978 fall series focuses on French painting in the 20th century.

Maillol, 1861-1944, began his career as a painter before turning to sculpture.

Art critics often found that he was obsessed with an ideal of purity and simplification which is evident in his paintings and sculptures.

Some of Maillol's noted works are, "Eve," "The Mediterranean," "Chained Action," the Cezanne and Debussy monuments, and "Harmony," his last unfinished work.

The seminars are open to the public at an admission fee of \$2.

\*\*\*\*\*

A collection of original paintings of the "old masters" will be on display at the Tech Museum through Nov. 25.

Paintings in the Old Masters Collection come from the Sarah Campbell Blaffer Gallery at the University of Houston. The exhibit contains 21 works of art dating back to the first part of the 14th century. Several Renaissance artists are also represented.

These paintings represent the works of such artists as Peter Paul Rubens, El Greco, Bartolome Esteban Murillo, Piero di Cosimo, Parrasio Micheli and Carle Van Loo.

The exhibit is sponsored by the West Texas Museum Association.

The "Old Masters Collection" is made available to the Tech Museum through the Blaffer Foundation which pays costs for the traveling exhibit.

\*\*\*\*\*

No one knows how long ago man first looked toward the heavens and came to believe that the planets and stars were gods who controlled his

destiny. These beliefs became known as astrology. Man later discovered the science of astronomy.

The current program at the Moody Planetarium explores these beliefs in "The Astronomy of Astrology." The program will continue through Nov. 19.

\*\*\*\*\*

The program attempts to demonstrate some of the astronomy involved in astrology. "The Astronomy of Astrology" doesn't comment on the validity of astrology, but does explain how the astronomy provides a basis for interpretation.

The program shows viewers each sign of the Zodiac, explaining the astronomy of each.

Astrologers now believe that mankind is in the age of Pisces and approaching the Age of Aquarius. The narrator says that we will not reach the Age of Aquarius for another 600 years.

Programs begin at 3 p.m. Saturday and Sunday in the planetarium in the Texas Tech Museum. Admission is 50 cents for students and \$1 for others.

Football fever has struck not only countless fans across the nation, but also the Tech Museum.

An exhibit entitled "When King Football was Just a Prince," will be at the museum through the remainder of the 1978-79 football season.

Football excitement and atmosphere is depicted by the exhibit which dates from the early 1920s through the 40s. Some items in the exhibit are on loan from the national Football Hall of Fame and others are from Tech students and former football players.

Curator of costumes and textiles at the museum, Mrs. Betty Mills, explains that some protective gear worn under football uniforms is as interesting as the outer wear.

A football player who is getting dressed visits with his "worried coach" who sits on the bench.

Also in the exhibit is an early band uniform loaned by former Tech student D.O. Wiley and a Saddle Tramp uniform coming from Arch Lamb, longtime Lubbock

County Commissioner.

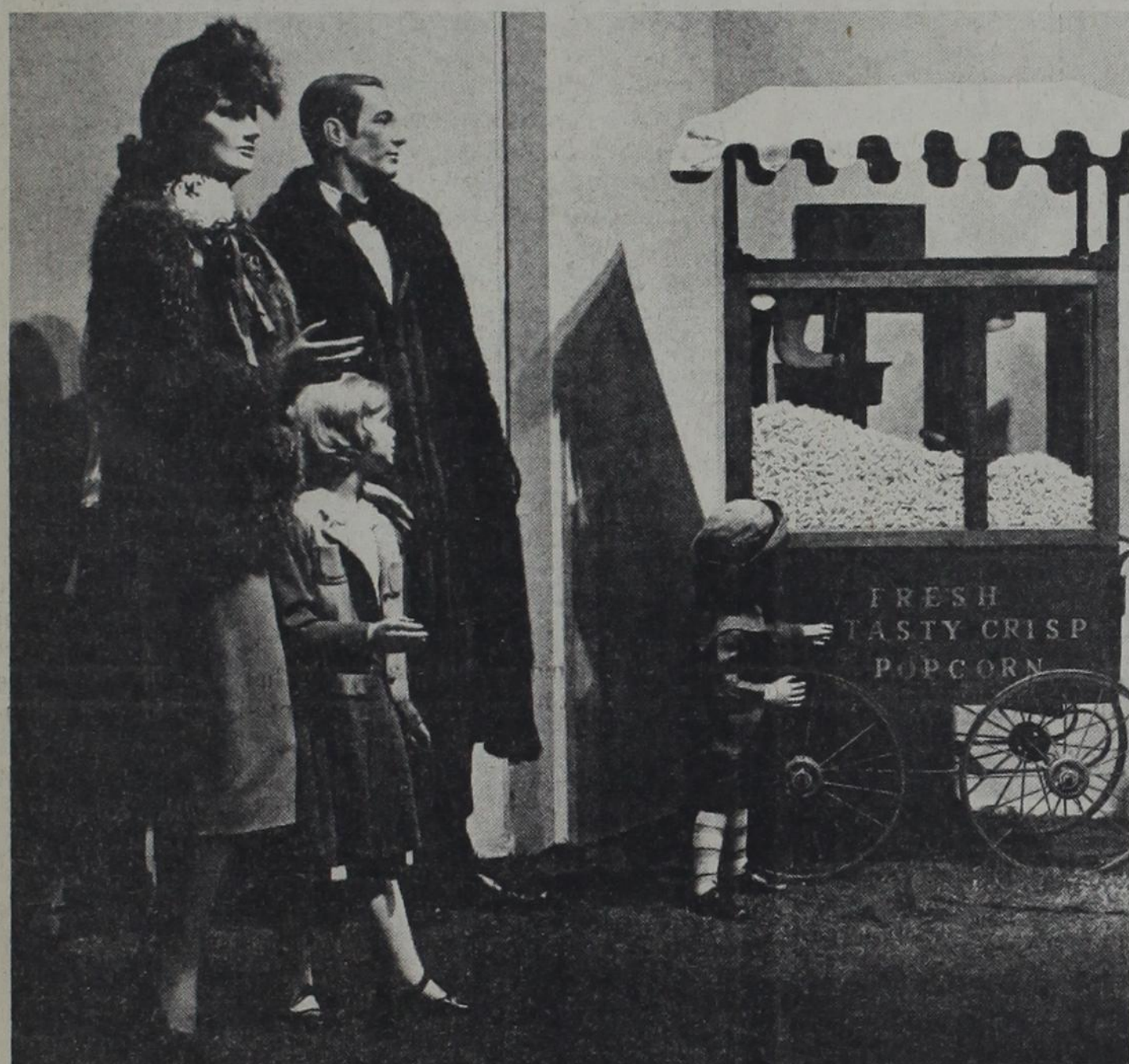
A pep squad in the 1920s known as the Arena Ritas also has its uniforms on display.

The skirt in the uniform belongs to Mrs. L. Clyde Drake, also a former Tech student. A letter sweater from Tech's first football captain, W.W. "Windy" Nicklaus is on display also.

Spectators are even depicted in the exhibit: a 1920s boy and girl in a 1930s wool suit; a flapper in a red dress and fox scarf and a man in a bearskin coat of the 1920s; a woman in a velvet dress with matching hat and sweater from the 1930s; and a woman wearing a tailored suit, a fox jacket and of course, the homecoming mum.

A replica of Creter's "sensational popcorn" wagon and pennants representing various colleges and high schools are also in the exhibit.

Mills said that the exhibit is expected to appeal to people from 5 to 95. "It is filled with nostalgia-creating items, but it also is a reflection of the impact football has on culture and social customs," Mills said.



Football fever

Fans and players from football's early days are depicted in an exhibit at the Tech Museum. The spectators shown are, left to right, a graduate student in a fox jacket with her homecoming mums; a possible future

cheerleader for the 1930s; a man in his striped suit and bearskin jacket; and a youngster from the 1920s who seems quite interested in the popcorn wagon. The exhibit is one of many currently featured at the museum.

## CURTAIN CALL

Music  
Red Stegall Thursday at Cold Water Country. Cover charge is \$4.

Richmond tonight and Wednesday at Rox. No cover charge tonight and \$1 cover charge Wednesday. The Lynn Groom Band plays Thursday through Saturday. Cover charge is \$2.

The David Land Band will play at a country and western dance Sunday at 6:30 p.m. at the Cotton Club. Cover charge is \$2. Stubb's BBQ and set-ups available.

Chicken Lips Thursday and Friday at the Blue Boar. Joey Allen Saturday. No cover charge Thursday through Saturday.

Johnny Bush Friday at the Red Raider Inn. Cover charge undetermined.

Octubafest, Program II, for free today at 8:15 p.m. in the Recital Hall.

"La Boheme" Friday and Saturday at 8 p.m. in the Civic Center Theatre. Tickets are \$6, \$7 and \$8. Student and children's tickets are one-half price.

Theater  
"Romeo and Juliet" by the University Theater through Saturday. All performances are sold out except for Saturday's 2 p.m. matinee. Tickets are \$2 for Tech students with ID and \$3 for others. Persons who have reservations need to purchase their tickets by 5 p.m. before the day for which the tickets are reserved. Persons who arrive late will not be seated until the conclusion of the first act. Call 742-3601 for more information.

"The Rainmaker" at the Country Squire Dinner Theatre. Student rates are \$7.95 per person Tuesday through Thursday. A \$3 (no

meal) rate is in effect Sunday.

Film  
Cinematheque presents a horror double feature of "The Cat People" and "Dr. Jekyll and-Mr. Hyde" Wednesday at 7 p.m. in the UC Theatre. Tickets are \$1.50.

"Obsession" Friday at 1, 3:30, 6 and 8:30 p.m. in the UC Theatre. Admission is \$1 for Tech students with ID.

Art  
Houston photographer Michael Kostjuk's work is on display through Nov. 1 in the Teaching Gallery of the Architecture Building.

Others  
Halloween masquerade party at the Cotton Club

Saturday. \$2.50 charge for those in costume, \$3 for those without. Prizes will be given.

"The Invasion of the Body Snatchers" and "Tournament of Death" (Flash Gordon), video tapes, from 10 a.m. to 4

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# Tech football chronicled

By CHUCK McDONALD  
UD Sports Editor

"I wanted a history — something a person could pick up and say 'here are the first 53 years of Texas Tech football, game by game.'"

With that in mind Ralph L. Sellmeyer, professor of Mass Communications and Director of the Advertising Division at Tech, began work on a book that would chronicle Tech Football.

After 18 months of extensive research with co-author James Davidson, a former professor at Tech and currently director of student publications at Lake Highlands High School in Richardson, Sellmeyer's dream has been realized. "The Red Raiders," a 418-page history of Tech football from the first meeting with McMurry College in 1925 through the Tangerine Bowl in

1977 is now available at all bookstores.

Sellmeyer stuck to his "game-by-game" plan, and the result is that every game the Raiders (or the Matadors, as they were originally known) ever played gets at least a single paragraph in the book.

"It's not a flashy book," said Sellmeyer. "It's not full of flashy sports adjectives. I am not a sports writer essentially."

Sellmeyer may not be a sports writer, but the record bears him out as a relentless writer on the scholastic level. Before he co-authored "The Red Raiders" he also helped write two other books. In 1967 he published "The Professional Approach to Journalistic Photography" and in 1973 Sellmeyer along with Dr. Billy Ross came out with "School Publications: A

Guidebook." In addition he is currently seeking a publisher for a fourth book dealing with public relations.

Sellmeyer and Davidson opened up a charge account in the Tech library to cover the copying charges and then literally moved into the microfilm section on the second floor.

"We spent hours and hours reading old copies of the Avalanche-Journal, UD and La Ventana," said Sellmeyer. From these old copies of the sports stories the book was divided into a chapter devoted to each year with additional chapters for coaches, athletic directors, all-Americans and even a chapter on the history of the masked rider.

"I enjoyed the interviews with some of the old-timers," said Sellmeyer. "The first interview we did was with the captain of the first team at Tech. We drove down to Amarillo and talked to Winfield (Windy) Nicklaus."

Armed with interviews and letters the book gives a colorful description of the early years of Tech football. P.C. "Preacher" Callaway, described the conditions under which the first team practiced.

"There was a garage apartment at the end of Broadway on the Tech campus that we used as a dressing room. Every day when the team finished dressing we would jog four or five blocks to the other side of 19th to a briar patch where we worked out. It took us all year to wear down the goat heads," said the Preacher.

The Red Raiders have come a long way to the Tartan Turf of Jones Stadium.

"The book should give the reader a real overview of where we're coming from at Tech," said Sellmeyer. "We've had some hard times with our football program and we've had some good times."

"You know I sat through a season (1962) when we went 1-9," said Sellmeyer. "When JT King walked in here he didn't inherit much. JT has been cussed and discussed by a lot of people, but I can honestly say that I was not one of the

people running him down," said Sellmeyer. "When JT finished his coaching career at Tech his record was over .500—he finished below a couple of guys named Darrel Royal and Frank Broyles. That's pretty fast company."

Sellmeyer and Davidson devoted full chapters to all of the Tech coaches, including the most colorful and successful of them—Pete Cawthon. Coaching Tech from 1930 to 1940 Cawthon piled up an impressive 76-30-6 record and caught the imagination of sports fans across the nation with his fiery disposition and winning ways.

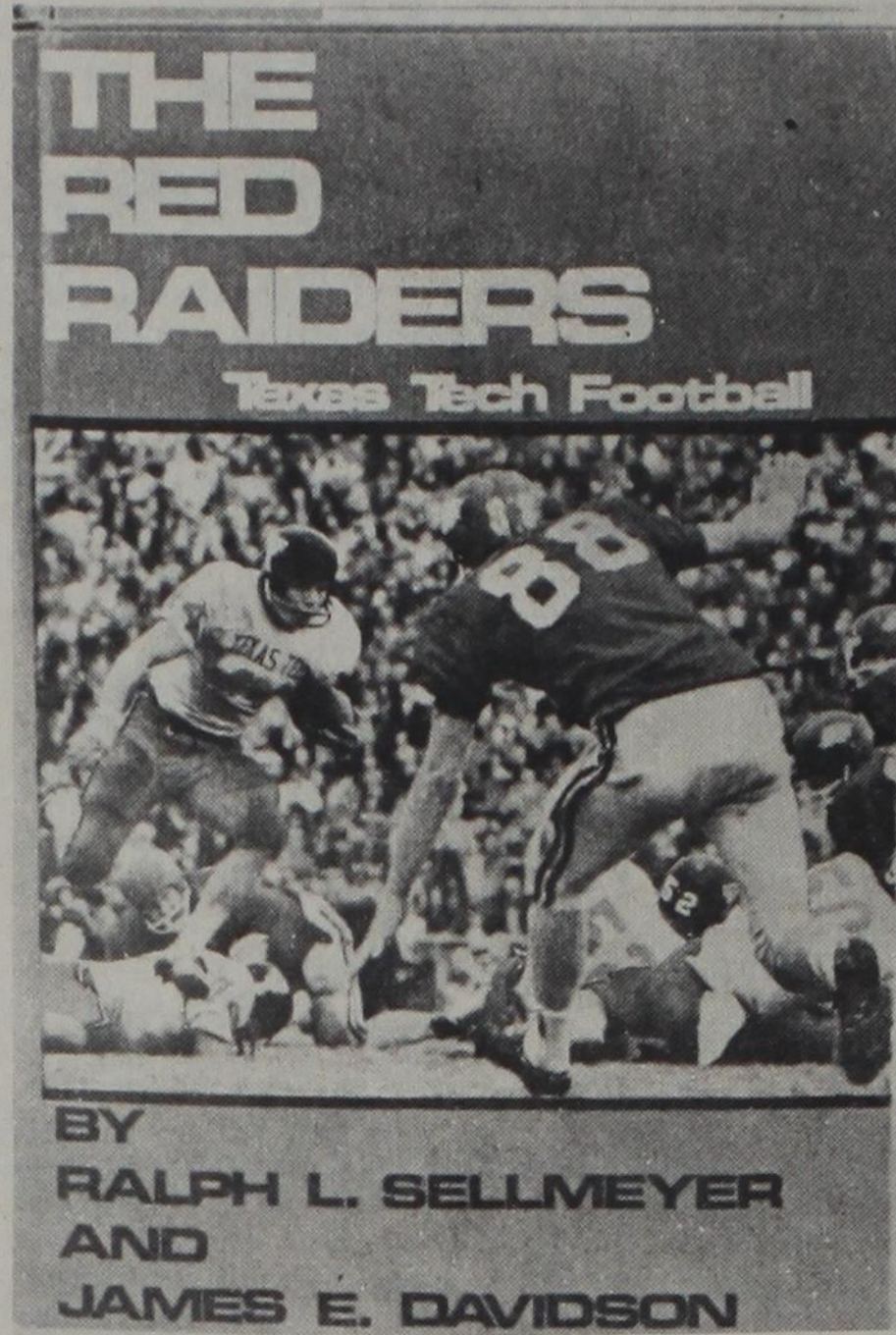
"I think the chapter we did on Cawthon was my favorite," said Sellmeyer. "That guy was just fascinating—and of course he led Tech to their glory year."

That glory year was 1938 when Tech went undefeated in regular season play and lost 20-13 in the 1939 Cotton Bowl. It was to be the Raiders' only appearance in the New Years affair in Dallas.

Another thing the book does is vividly show the different styles of journalism that have prevailed over the years by quoting verbatim from the Avalanche-Journal and other papers. This passage written by Collier Parris, then sports editor of the AJ, shows what happened to Tech in the Cotton Bowl and what has happened to sports-journalism since then:

"To the time of a tuneless ditty called 'The Gaels of St. Mary's' which happens to be the theme song of a popular Pacific Coast school, a splendid football team marched over the turf of this stadium today for a 20-13 triumph over a popular South Plains school."

Sellmeyer obviously enjoys talking about the book. Talking about some of the Tech greats from the past like E.J. Holub, Donny Anderson and Elmer Tarbox Sellmeyer is noticeably enthusiastic. This enthusiasm carries over into his book and both he and Davidson turn this personal excitement about Tech football into a colorful yet realistic book.



## Book essential for Tech fans

I seems like nowadays every school's football program needs a book that puts into print all the past glory and shame that the team has brought the school. And at last Tech has such a "Bible of Texas Tech football" as it will inevitably be called.

I just finished reading "The Red Raiders" and I honestly think that the authors Ralph Sellmeyer and James Davidson have successfully pulled off the job of giving an exciting, yet down-to-earth, account of the gridiron past at Tech.

Ever since I first arrived on the Tech campus in the Fall of 1975 names like Handsome Ransom Walker, Pete Cawthon, Elmer Tarbox, Walt Schlinkman, Bob Cavazos, E. J. Holub, Donny Anderson and many more have been floating around in the air. Like most Tech students, I really didn't know anything about these guys. They were just names out of the past to me.



Chuck McDonald

In fact, while growing up in El Paso, Tech football held not the slightest bit of interest to me. But in the last few years it has become a matter of life and death—an affliction that I think strikes a lot of students at colleges everywhere. And I think this fanatical concern with Tech's football fortunes will stay with me until I'm pushing daisies.

Some will probably say, "Who cares what happened to the Tech football team in 1934?" But to many of us that kind of information is important. After reading the book the reader has such a complete picture of the Raiders football fortunes he almost feels like a part of it.

The book is extremely readable. The pace is a fast one as the work progresses season by season with intermingled chapters on the coaches and key players. One of the interesting chapters explains how Tech finally came to be accepted into the Southwest Conference—something we take for granted today but a goal that seemed impossible to attain at one time.

Sellmeyer and Davidson finished the book during the 1976 football season, but a strike by the employees of the Strode Publishers delayed the printing until after the current season had already started. So the authors went ahead and added chapters on the '77 season and the coaching change from Steve Sloan to Rex Dockery. The book is currently available at most area bookstores for \$9.95.

"The sales have started pretty slowly," said Sellmeyer "But I think once most people hear about it the book should sell pretty well."

"I think the book will make an excellent gift—especially for a student that has a parent or other relative that graduated from Tech," he added.

"The Red Raiders" is an attractive looking book. The cover is red with white and black lettering and a color action picture of Donny Anderson—probably Tech's most famous athlete ever, adds the finishing touch.

The book will even look good in your bookshelf even if you never read it. But every Tech fan will definitely want to read "The Red Raiders."



Let'em know

Tech fullback James Hadnot who rushed for 139 yards and scored three touchdowns for the Raiders in Tech's 42-28 victory over Rice Saturday, holds the football high in the air after his second touchdown to let everyone in Rice Stadium know exactly what happened. (Photo by Darrel Tomas)

### Tech first

## Bears fall to Raiders

By BRIAN HENDON  
UD Sports Staff

The Tech soccer team won 3-2 Saturday at the Track Stadium to get back in the win column after a three game losing skid. Baylor University was the victim of an improved Tech defense.

"Our defense played better," Richard Combs, Tech coach said. "Vince Cheatham returned after a couple of weeks absence. He helped our defense, and did a good job overall."

On offense, three Raiders got into the scoring act as A.S. "Cha Cha" Namdar, Raymond Rodriguez and Lee Fedornak each scored once. Namdar was also credited with an assist.

Each game has its own "personality," and rough might describe this one. "It was a very physical game," Combs said. Fortunately, Tech escaped with no serious injuries.

The victory against the

Bears levels Tech's conference and season records at 3-3-1 and 5-5-1, respectively.

This weekend, the team travels to Abilene to play in a four team tournament hosted by Hardin-Simmons University. Next home game will be Nov. 4 against West Texas State University, prior to the football game.

## Old-timers beat Tech

The ex-Tech baseball players defeated the Tech varsity baseball team 7-4 Saturday in the Old-Timers game at the Tech baseball diamond.

The exes scored 5 runs in the top of the ninth inning to defeat the varsity in the 10-inning exhibition game.

The exes were coached by Dr. Bill Dean, current executive director of the Ex-Students Association.

# Daddy, does that mean I can stay with you?

Rumor has it that Tom Landry and the Dallas Cowpokes are looking at the possibility of producing a new pilot film to air this fall.

Although Landry has been tight lipped about the rumor, sources have disclosed that the new pilot will take off on a classic sit-com and will be called "Daddy Knows Best."



Mauri Montgomery

"Daddy Knows Best" will feature the exploits of an aging, slightly balding football coach that has 45 adopted sons of mixed racial and ethnic backgrounds.

Though all the boys will have their moments on camera, center stage will belong to the family's problem child, young Tony.

Tony, who has the reputation for being able to run away from the bigger boys, is adopted by soft-hearted Tom, who

thinks he and Mom Schramm can make the boy see the light of day—and make them a Superbowl contender at the same time. Tom wants to adopt young Tony so badly he actually raids another orphanage in Seattle.

Things go fine the first year. Tony runs away from the bigger boys so well that in orphanages all over the country head masters are shaking their heads, trying to find faster bigger boys to chase him. But no one seems capable of the feat. Tom has chosen a worthy son.

At the end of the year Tom looks down on Tony with praising eyes. He is pleased with his newly adopted son's adjustment into the family.

"What a good little boy you are Tony! I'm proud of you did you know that?" Tom says.

"I'm trying awful hard. Does that mean you will want to keep me daddy?" young Tony asks.

"Sure we want to keep you Tony but you must always do your best and give your best effort or we'll have to send you back to another orphanage where they don't treat little boys like you as well as we do here," Tom says. "They won't even let you do Fabarge commercials."

"Okay daddy! I'll never let you down. Never! Never!" Tony says.

And everything continued to go well for the family even into the next year but then the crisis came. Young Tony had begun to miss dinner time and had been getting home way past his bed time. He even started getting into fights and his good attitude was turning into a big chip on his shoulder.

All the other boys would whisper about it at the dinner table and wondered what would become of their new brother.

"Eat your dinner boys and just let me worry about your brother Tony!" Tom said.

Tom didn't know what to do about the problem. Where had he gone wrong. He had given that boy just about everything he had ever wanted. He had raised the boy's allowance just a few months ago. He hated to think about it, but if things kept going the way they were, he would just have to send Tony away as he had done with Duane, the boy whose bed Tony had taken.

Then the whole mess hit the fan. Tony had been walking along a thin chalk line for some time but one day he missed football practice. That cut it, Tom was a little ticked. He

knew he had been too lenient with the young man. Tony was just getting too big for his britches or even brother Roberts, and it was time he got firm with the little rascal.

Tony knew he was in trouble so he made up this big excuse and as he sat down at the dinner table he said, "Dad I overslept."

That didn't hack it because Tom didn't like his boys racking out when they were supposed to be working. So he commenced to dock Tony's allowance and didn't let him play in the family football game until the second period.

Like all children, Tony started sulking and threw a giant temper tantrum but it was to no avail. Daddy had layed down the law.

No one knows how the show ends. It could be successful but probably not because the audience has seen this plot too many times in the typical Dallas Cowboy family. One thing is for sure, young Tony will have to straighten up or take a hike to the nearest foster home, like his departed brother Duane. Tune in next week for episode two.

# David Hill, defensive standout from Seminole

By MARK BEILUE  
UD Sports Staff

David Hill is a rare commodity on the Tech defense: a starter with experience.

their questions as best as I can," said Hill.

The Seminole native can easily understand the feelings of the inexperienced players.

## Profile

The 6-3, 251-pound junior defensive tackle is one of only four returning starters on the young Tech defense.

Being a returning regular, Hill has taken over as one of the leaders on the defensive unit.

"I try mainly to lead by example but I will talk to the young guys and try to answer

"I understand their situation," admitted Hill. "I know when I was younger I had the same questions and depended on the upperclassmen to answer them.

It's a responsibility."

Last year Hill played in all 12 games and was credited with 58 tackles, including 32

unassisted tackles on a Red Raider defense that ranked second in the conference in rushing defense, giving up only 141 yards a game.

Hill believes the 1978 defense has the potential to be just as good.

"We are capable of being the best in the conference but we just haven't learned to play together, which I think will come with playing time," explained Hill. "Experience is the best teacher. You just have to get playing time, that's the key."

With the season half over and the Raiders notching their first conference victory over Rice, Hill expressed confidence about the remainder of the season.

"It's good to get back to .500. I'm looking forward to the

rest of the season. A bowl game is still not out of the question. The offense is looking good, (James) Hadnot's running well and (Ron) Reeves is looking better and better," said Hill.

"We're learning all the time, like the Rice game. We got too complacent," admitted Hill, referring to the 22-point Owl comeback that narrowed the Tech lead to 35-28. "We knew we had them beat but Rice never gave up. Coach Dockery said after the game that we need to develop that killer instinct."

With an open date this weekend in preparation for the Homecoming clash with Baylor the Raiders have some much-needed time to heal their injuries, of which Hill was not exempt.

"I tore some fibers around the shin bones. It kept me out

for two practices. But I'm fine now," said the big tackle.

Tech will need to heal more than Hill when the Bears visit Lubbock Nov. 4—a fact Hill readily admits.

"We need to get our injured people well. Injuries put the quietas on us last year. Baylor will be tough. It didn't surprise me the way they beat A&M—anything can happen in this conference. With a few breaks, Baylor could be undefeated right now."

Hill was heavily recruited by all SWC and Big Eight schools but it was a family decision that made Hill decide on Tech.

"I talked to my parents and we thought it was best to come to Tech. I've been impressed with everything about Tech. I grew up around here and my family and friends could see me play and that's important.

My parents are very special to me," said Hill.

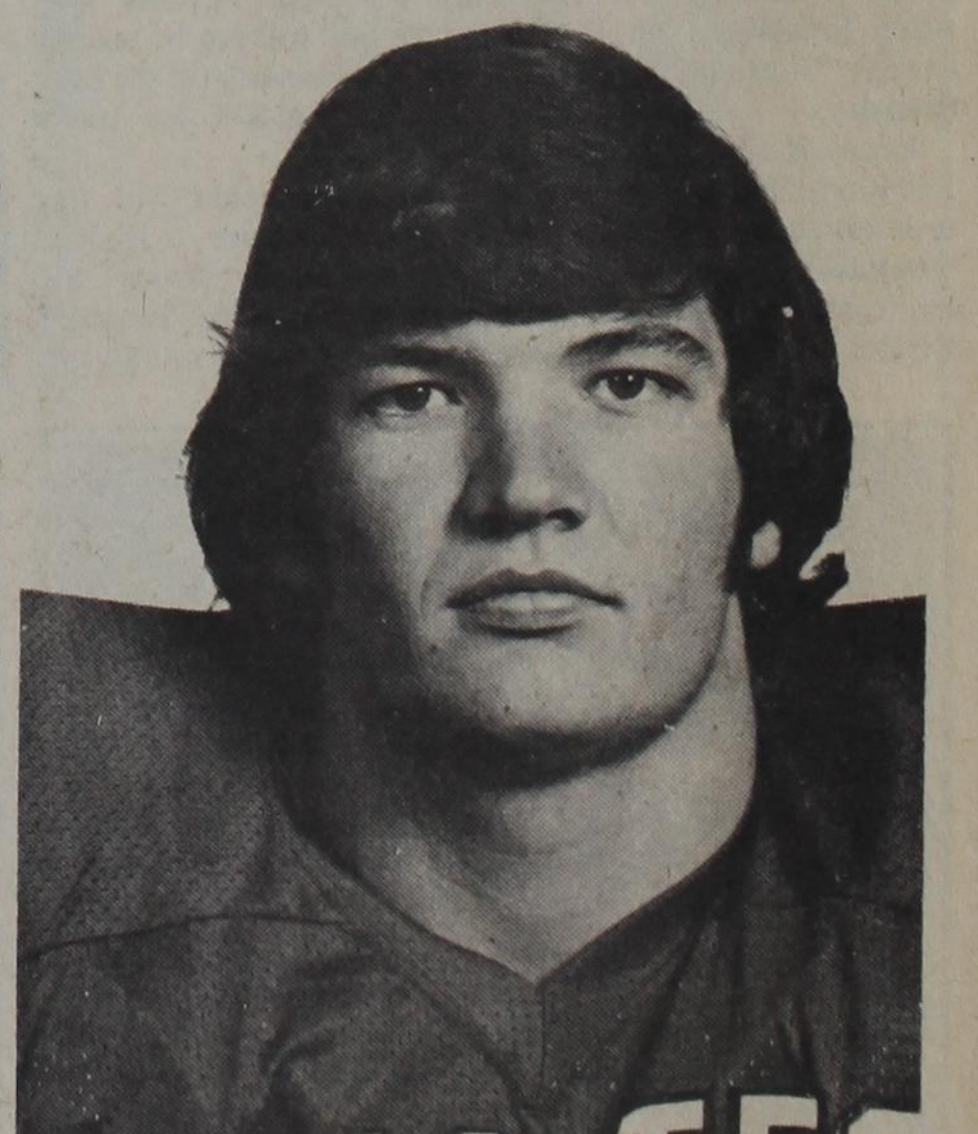
The coaching staff also impressed Hill.

"It's a good atmosphere here; I like it. It's pretty tough but that's the way it should be. Coach Bob Patterson (defensive line coach) is a good coach and I'm glad he stayed."

It was Patterson who gave Hill the nickname "Strawberry."

"I got that when I was a freshman," laughed Hill. "Everybody on the defensive line had a nickname except me. Then one day Coach Patterson called me Strawberry and it stuck. It has nothing to do with the wine like a lot of people might think."

But then it does, because like fine wine, David Hill just gets better with age.



Hill