

## Board approves pharmacy school for Tech

The Texas College Coordinating Board Friday approved Tech as the site of a new School of Pharmacy and granted Tech a doctoral program in home economics.

Tech President Grover Murray, in making the announcements, said the two decisions mark "a banner day for Tech and are most fitting for the campus' 50th anniversary."

**THREE OTHER SCHOOLS** had competed with Tech for the pharmacy school. They were Texas A&I, West Texas State and the University of Texas at Dallas. The board approved Tech for the pharmacy school by a 10-2 vote.

Murray emphasized that the approval for the School of Pharmacy is only tentative, and the school's actual establishment will have to await funding by the legislature.

The Graduate School, however, can begin accepting applications immediately from candidates for the

doctorate in home economics. Most of the courses already are on the books, although a few core courses will not be offered until next fall.

The new School of Pharmacy, scheduled to begin operation in 1976, will offer a program leading to a Bachelor of Science degree in Pharmacy. The first two years of the curriculum will consist of prescribed pre-professional courses already in existence at Tech. Following this will come three professional education years within the School of Pharmacy.

**THIRTY-SIX STUDENTS** are projected for the first year of the three-year professional curriculum in 1976. A gradual increase is expected to bring the enrollment to approximately 120 students annually beginning the professional curriculum phase by 1979.

Permanent facilities for the School of Pharmacy are planned, but, in the interim period, the School will carry out

its programs within the existing facilities of the Health Sciences Centers. The new school also will share laboratory space with the School of Medicine's basic science departments in order to eliminate unnecessary financing for duplicate facilities.

A major feature of the pharmacy school is that it will be located in conjunction with both a major university and a major medical educational institution with a multidisciplinary educational philosophy.

As an example of such a multidisciplinary approach, pharmacy students will study alongside other health professions students in such courses as biochemistry, physiology and pharmacology.

**THE EXISTENCE OF A School of Pharmacy** at Tech will be an important factor in attracting many more West Texans to study pharmacy and to subsequently locate and practice in the region.

The Regional Academic Health Centers of Tech's School of Medicine will provide foci for some components of the pharmacy curriculum. These regional centers will take some components of pharmacy education to widely separated areas in West Texas. Regional Academic Health Centers currently are in operation in Amarillo, El Paso and Lubbock and additional centers are in the planning stages.

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The Doctor of Philosophy degree in Home Economics will help meet a shortage of doctoral graduates in that

field. The shortage exists because of a growing demand for home economists by private and governmental services in health, recreation, social services, vocational counseling and guidance and communications.

The Tech program will be an interdepartmental one involving the cooperative efforts of the departments within the College of Home Economics: Clothing and Textiles, Food and Nutrition, Home and Family Life and Home Economics Education.

**THE ACADEMIC PART** features a core of home economics courses, an

area of specialization and supporting studies in related disciplines. It will require completion of 75 hours beyond the bachelor's degree and a scholarly dissertation. Candidates entering the program will need a master's degree but need not have had previous home economics work.

The only doctoral program in Home Economics in Texas has been at Texas Women's University. Only 16 other institutions in the country offer such a degree. Most of these do not incorporate the interdepartmental features of the Tech degree.

### Attacks Briscoe's use of officials

## Granberry campaigns on campus

By CHARLEY BANKHEAD  
UD News Editor

Republican gubernatorial candidate Jim Granberry Friday accused Gov. Dolph Briscoe of using state officials to promote his campaign for re-election. Granberry made the charge in a rally at the Tech University Center.

"Mark White (Texas secretary of state) is on the road making partisan campaign speeches for the governor," said Granberry. "It is completely out of order for the chief election officer of the state to be making such campaign speeches."

"THIS IS A MISUSE of Texans' tax dollars. In the aura of Watergate and Sharpstown, we don't need this kind of thing."

Granberry also made a point of stating he is a candidate for governor. Local Democrats and media have said Granberry is more interested in the Lubbock congressional seat now held by George Mahon.

"I think this is just a ploy being used by the opposition," said Granberry. "But I can't understand why Dan Croy (county Democratic chairman) would make such statements when he contributed \$100 to my campaign."

The former Lubbock mayor said Briscoe has been accused of "sitting on his hands" during the recent Constitutional Convention. The convention failed this past summer to agree on articles for a new state constitution.

"PEOPLE HAVE SAID the governor was not available to convention members for advice and counsel when it was critically needed," said Granberry.

"Only three votes were needed to approve the constitution. When someone asked Gov. Briscoe if he had the influence to change three votes, he said he didn't. 'We need some leadership. That's something we haven't had in Austin the last two years.'"

Granberry said he advocates a 20 per cent reduction in the state sales tax as a major element of his platform. He said the reduction would save Texans approximately \$280 million each year.

"After I made my proposal, Gov. Briscoe reduced eliminating the utility tax," said Granberry. "He said this would save Texans \$80 million. But it wouldn't."

"HIS TAX CUT WOULD save consumers only \$40 million while it would also save business another \$40 million. The tax would exclude students who live in dormitories, apartment dwellers and those persons with fixed incomes living in homes. It is a very selective tax."

Granberry said his proposal would eliminate one cent from the current five-cent state sales tax. Granberry said the tax cut is justified because Texas will have a projected \$1.5 billion surplus in the budget.

Granberry criticized Briscoe for saying the governor had kept the promise of no new taxes during his first term. He said Briscoe failed to keep the promise when the governor did not call a special session of the legislature for public school funding.

"As a result, school districts all over Texas had to raise school taxes," said Granberry. "He broke his promise of no new taxes. This has been called the Briscoe Tax."

**THE LUBBOCK ORTHODONTIST** said he is optimistic about his chances of winning the Nov. 5 election. He said media exposure will be critical to his campaign during the last two weeks. Granberry said he expects to win the Lubbock and

Amarillo areas as well as Dallas. He said he expects to break even in Houston and win Austin and Bexar County (San Antonio). Corpus Christi and El Paso are still uncertain.

Granberry criticized Briscoe's recent decision not to answer oral questions from the media but to accept only written ones and provide written answers. Granberry said if elected he would like to have one day a week set aside to meet with the media.

"The governor should be accessible to the media," he said. "The media is very important to the governor in getting his decisions and opinions to the people of Texas."

"A lot of people have said the governor made his decision not to answer any more oral questions because he is not a good orator. I think it's just that he is not very well educated on the issues."

## Homecoming queen election being sponsored by SA

By JAN MCDERMOTT  
UD Reporter

The Homecoming Queen tradition at Tech has been revived. The election will be sponsored by the Student Association (SA) this year, said Tom Carr, SA vice president for external affairs.

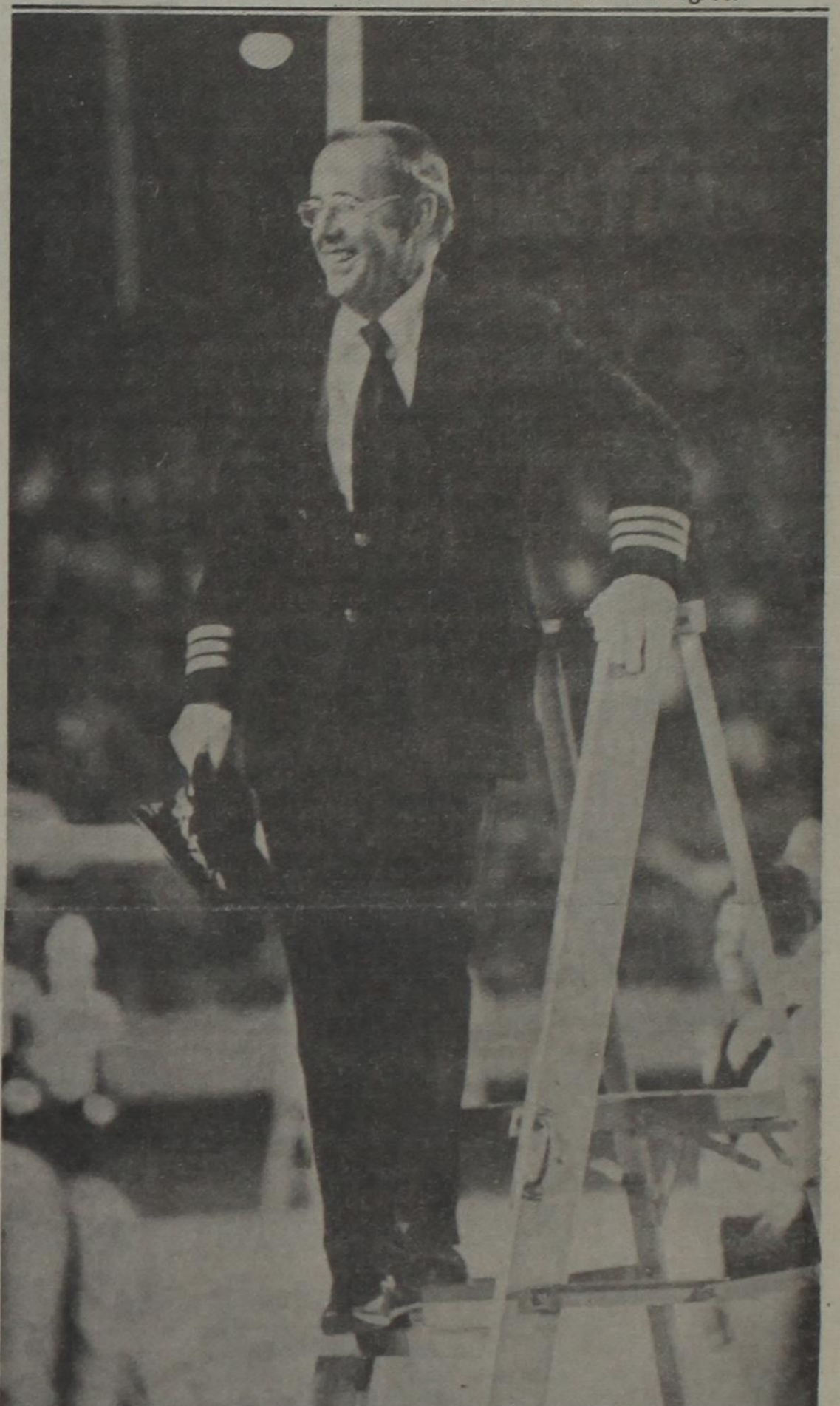
Any full-time junior or senior student who has completed at least 20 hours at Tech is eligible to enter. Each candidate must be sponsored by a registered campus organization, although the candidate does not have to be a member of that organization.

In the past, the Homecoming Queen election has been sponsored by the Ex-Students Association. This year it was

announced that there would be no Homecoming Queen because the Homecoming Committee could not reach an agreement on whether male students would be eligible to enter.

Feedback received by the SA indicated that students wanted to have a queen contest, Carr said, so the SA took on the responsibility of sponsoring the contest. A member of Saddle Tramps, one from Women's Service Organization, one from Alpha Phi Omega, a faculty member and Carr will compose the Homecoming Queen Committee.

Applications are available in the SA office and must be submitted by Oct. 24. The election will be held Oct. 29 and 30.



Halftime star

Dean Killion, Tech band director, was surprised by band members Saturday night during the halftime performance of the Tech-Arizona football game. Band members formed the letters DEAN in a special salute to Killion, who has directed the band for 16 years.

## Robison says complaints not justified

By JOHN CAMP  
UD Reporter

Recent student complaints of poor seating in Jones Stadium and ticket office hassles are not justified, according to Polk Robison, the Athletic Department's administrator of finance and development.

"The information the students have is erroneous," Robison said. "Actually a vast minority of students sit in the end zone." Robison also referred to a small minority of students who he said make a lot of noise and blow a problem out of proportion.

"The student section starts on the 50-yard line and moves around south to include the end zone," Robison said. "Where a student sits is determined by the luck of the draw."

**THE "DRAW" IS THE** Ticket Lottery run by the Saddle Tramps the week of home games where a student presents a validated ID along with each student coupon in exchange for the reserved seat ticket. The tickets, drawn at random from several large boxes, may be drawn individually or in groups up to six.

The previous student seating policy called for a standard semester charge of \$7, according to Robison. Each student could gain free admission to any home athletic contest with the presentation of a valid ID. Students wanted this changed three years ago, Robison said, because they wanted those who go to the games to pay and those who did not go, not to pay.

Figures obtained from Ticket Manager, Ruth Sturtz indicate 14,124 seats available to Tech students. Jones Stadium seats 46,620, excluding the press box and the grass area of the north end zone. Only 440 seats are available to students between the 40 and 50 yard lines in half of section 119. Sections 20 and 120 between the 30 and 40 yard lines seat another 2,852.

End zone seats in sections 24, 25, 26, and 27, and 28 total 3,904. The remaining 6,928 seats are located between the goal line and 30 yard line in sections 21, 121, 22, 122, and 23.

**TICKET PRIORITIES ARE** given to the Tech Band, Saddle Tramps, and winners of the Spirit Stick at pep rallies. Sturtz said 456 seats in sections 20 and 21 are reserved for the band, and another 120 are set aside in section 20 for the Saddle Tramps and their dates.

Two blocks of 50 seats each are reserved in section 120 for the spirit winners, one for Greeks and one for non-Greeks organizations. The concourse area of section 121, 390 seats, is available for scholarship athletes and their dates before any unused tickets go to the student lottery.

Sturtz described the green seats in section 19 as option seats reserved for athletes' parents and guests. Tickets in the option areas may be obtained only by first purchasing the right or option to those seats in varying amounts according to the position of the seats to the playing field.

For example, the right to purchase season tickets in section 19 costs \$300 while tickets in the concourse area of section 119, also an exclusive option area, cost \$200.

**TOTAL SEATING ON THE** east side of the stadium, the side on which the student section is located, is 25,936. This figure includes the 3,904 end zone seats. The north half of section 119 also contains 440 seats and marks the beginning of the visitor's seating.

Sturtz said that no season tickets can be sold in sections 118, 18, 117, 17, 116, 16, 15, and 14 on even-numbered years because of a commitment to the University of Texas. Texas usually requires the full allotment of 9,000 seats when they play Tech in Lubbock.

Robison explained the determination of number and location of visitor seating is worked out well in advance of the season and is written in the team's contract. "It is a reciprocal agreement," Robison said. "In order to get good seats there, we must give them good seats here."

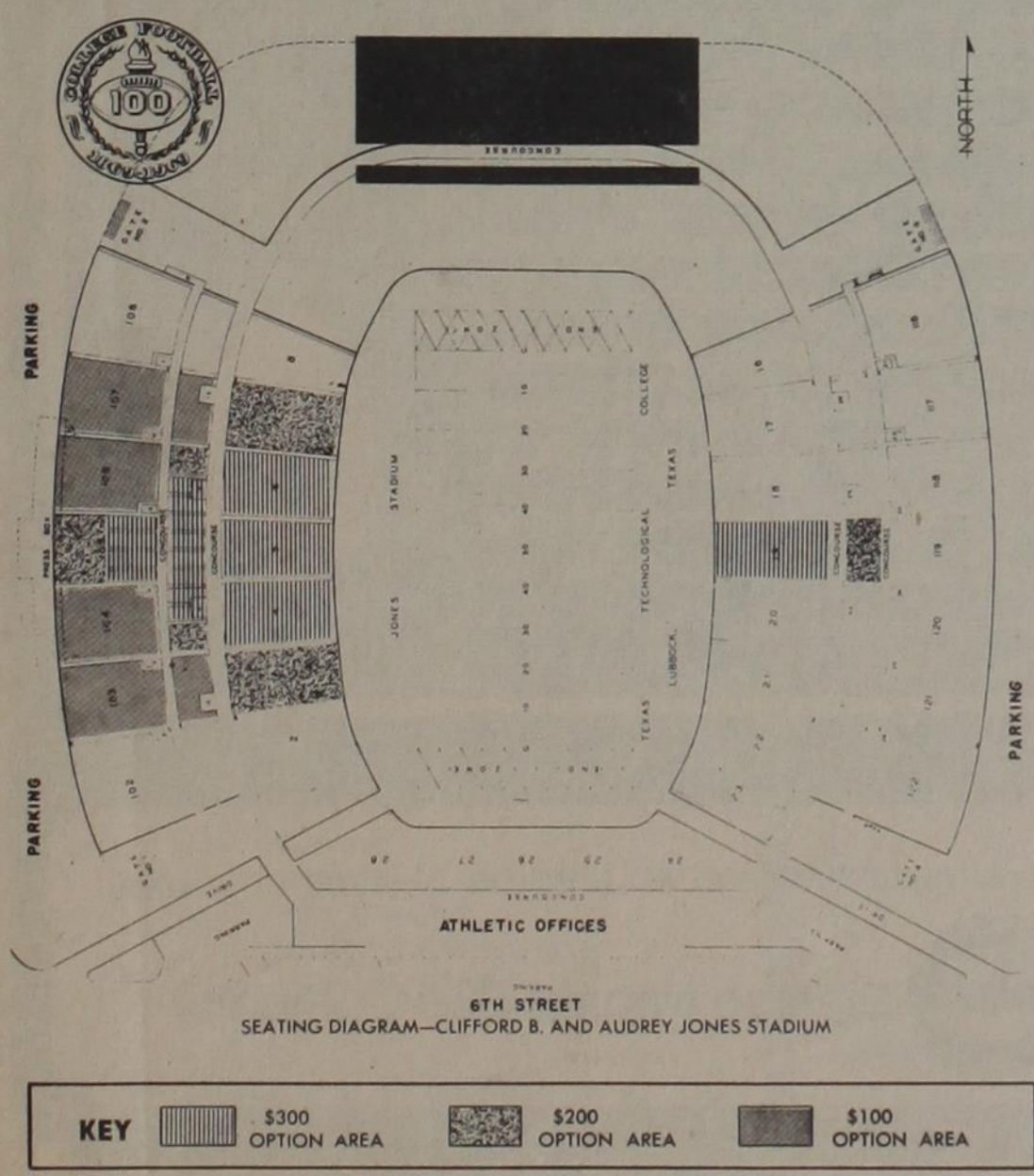
However, Robison added that it does not always work out that way. "Sometimes we give them better seats," he said. The agreements must work with contingencies such as the size of the stadium, the design of the seating and other considerations, Robison added.

**THE AGREEMENTS MADE WITH** other Southwest Conference (SWC) teams are expressed in long-running contracts and usually quite strict, according to Robison.

He said the agreements with non-conference foes are short-term and flexible, usually depending on the visitor's request before each season. "The demand for non-conference foes is not as great so there usually is not much problem accommodating them," Robison explained.

All ticket policies are approved by the Athletic Council, a recommending body to the President concerning intercollegiate sports. Robison said the athletic director (JT King) usually negotiates and signs the agreements though the Council must approve them. "Home game policy is set and does not deviate," Robison said, "but away games can change from year to year."

The Athletic Council will meet at 1:30 p.m. today in the Athletic Dining Hall. Among the items on the agenda is the consideration of how to improve Athletic Department administration and ticket office procedures.



# Of days gone by



Robert Montemayor

FORMER TEXAS GOVERNOR Preston Smith certainly doesn't mind wishing aloud how he'd like his remaining political career years to be ... if he had it his way. Unfortunately for Smith, he doesn't have it his way, and his dreams to run for yet another office in the Texas political system are all but afterthoughts when you consider his real chances.

The Lubbock Avalanche-Journal interviewed Smith recently and Sunday reported that the former governor still has political aspirations burning, though he has been retired for the past two years since Gov. Dolph Briscoe dethroned him from the state mansion in 1972.

The 62-year-old Lubbock businessman is evidently not satisfied with his quiet Lubbock stature and greatly misses the limelight of being the head of the state Democratic Party, according to the AJ story.

But, what more can you expect from an ex-political everything in Texas? Smith still likes to make news and make ripples in the water, even though he is not involved. And this may very well be his problem. Involvement.

AFTER ALL, WHAT are you supposed to do when you're 62 and you've been elected state representative, state senator, lieutenant governor and governor, but you'd still like something more? There were approximately 20 years of his life wrapped up in the political machines of Texas. Those 20 years were fast paced years which saw him on the political front lines regularly. Nowadays, it's only academic as Smith is simply relating his never-say-die wishes.

The AJ story indicated that Smith could possibly venture into a governor's or U.S. Senatorial race in the future. However, I don't see Smith competing in either race. Politically, he's played out.

He certainly did much for this region and much of the success of even the Tech Medical School can be attributed to Smith's work in Austin. Tech President Grover E. Murray told a Medical School groundbreaking crowd a while back that no one individual was more responsible for contributing to Lubbock and Tech than was Smith. And I think the people of this region and university have quite openly appreciated the work he did. But, I must also say that most of us believe that Smith, despite his dreams, does not have the horses

anymore to make a respectable bid for any office.

OF COURSE, MUCH of Smith's reason for being where he is today has to do with the Sharpstown Scandal of a few years back. Whether he was involved or not, the sole mentioning of Smith's name in the same circles with the likes of Gus Mutscher, Waggoner Carr, Ben Barnes and John Osorio was enough for Texas citizens not to take any chances. It was a simple matter of not only getting rid of a few, but cleaning house entirely.

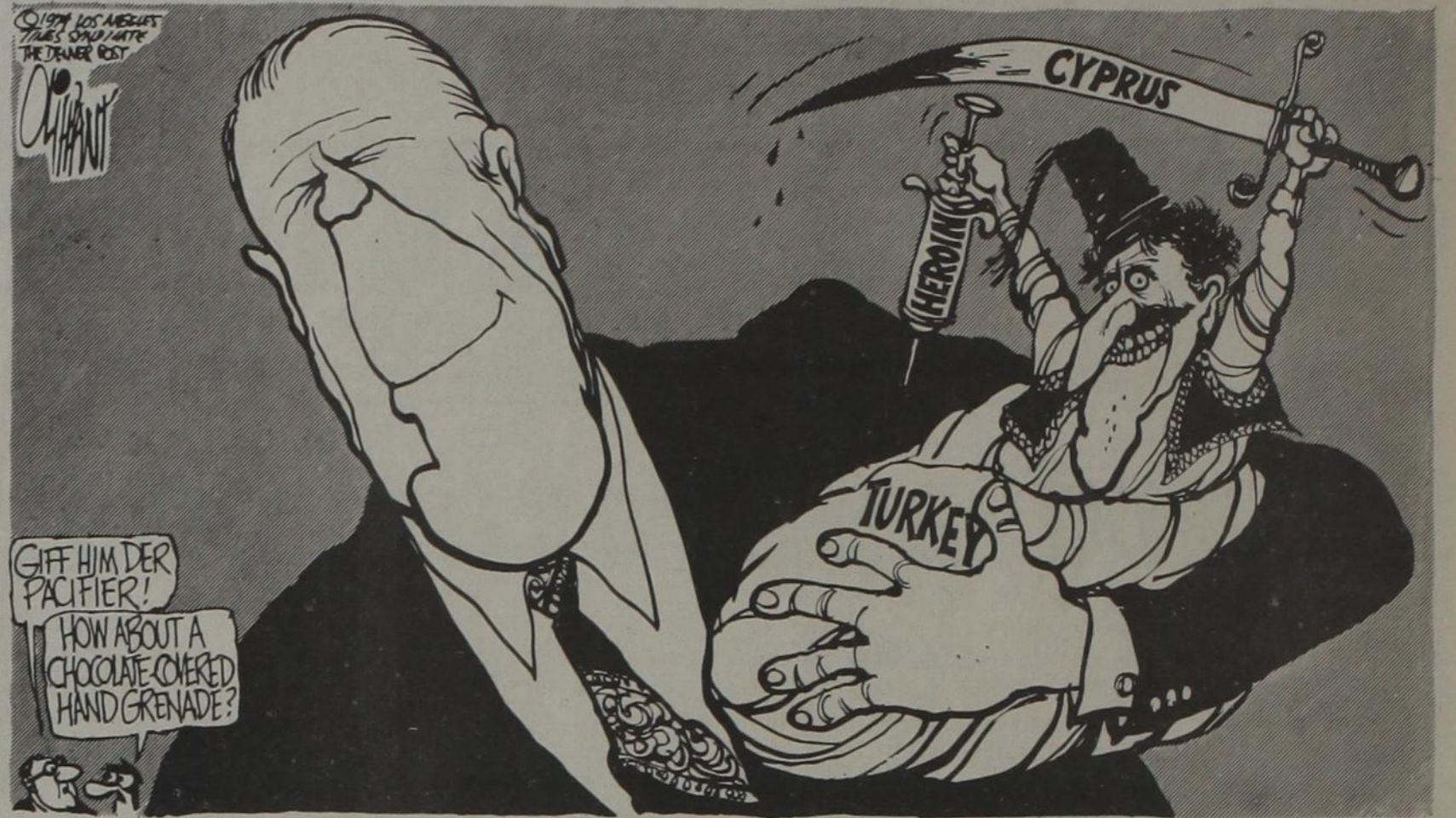
Smith himself confirms the thinking. He said, "A candidate is elected by the people voting against his opponent. Only the candidate's relatives and a few friends vote positively. In 1972 they voted against me and former Lt. Gov. Ben Barnes, and not for Briscoe. It was the same thing in the presidential election. People voted against George McGovern and not for Richard Nixon."

Call it frustration on Smith's part. He did not have his fill of leadership, and most likely, now that he is in his twilight years, he yet yearns for a second chance. He now has to turn the reins over to the young blood and occasionally take swipes at Briscoe's ineffectiveness as a governor.

HE DID OPTIMISTICALLY cite Lubbock Republican gubernatorial candidate Jim Granberry's abilities for the office as being 'qualified.' But, it is quite obvious that Granberry will not return the state political powers of the governor to the Hub, simply because in this one-party state, Granberry is in the wrong party. Briscoe has solidly bought his office and most likely will enjoy four more years in Austin. And, as in 1972, Smith will have nothing to say about it in this year's election.

Smith's time has passed him by. As frustrating as it may be, his time has passed him by. Many of us would like to redo many things and you certainly can't blame an ex-governor for desiring to reshape his past.

Unsatisfied as he may be, it would be better that he did close his door to another political race. He would only cause himself more frustration and deflate his ego moreso in the process. Like so many of us, he'll have to settle for being an observer and not a participant.



THAT'S OUR BOY!

# Washington merry-go-round

by Jack Anderson

## Our vulnerable airports

WASHINGTON — New secret documents tell of 18 busy world airports which are open to Arab terrorist attack because of lax security or their location in guerrilla-infested areas.

The new survey by the Federal Aviation Administration supersedes one this summer turned up by Rep. John Murphy, D-N.Y., a House air safety expert. When we print the names of the eight "most vulnerable" airports then, we were criticized for breaking the seal of secrecy on classified FAA documents.

But we reasoned that travelers had a right to that information, and now the new survey seems to bear us out. The current FAA study shows that London, which we listed as a security horror story, is now much improved. New Delhi and Bangkok have been dropped from the earlier list.

In any case, according to U.S. intelligence reports, the Fedayeen already know which airports are easy marks.

The new study, classified "For Official Use Only," names the 18 "High Risk Foreign Airports" as Rome, Frankfurt, Amsterdam, Geneva, Zurich, Madrid, Beirut, Athens, Tel Aviv, Paris, Munich, London, Istanbul, Vienna, Brussels, Barcelona, Copenhagen and Lisbon.

Terrorists have struck most frequently, the documents say, at Munich where 11 incidents have occurred. The FAA probers cite West Germany's "close Israeli ties" as one reason for the attacks. Second, with five episodes, is Rome. Athens and Beirut have had four each and Frankfurt and Amsterdam have had three.

Beirut and Tel Aviv are praised by the BAA for doing their best, but they are classified "High Risk" because of their location in the volatile Middle East. London has improved mightily, but is still listed because of the large number of flights, particularly departures bound for the United States.

Zurich and Geneva are branded as risks for an intriguing reason. Arab terrorists, according to the FAA's intelligence, are angry over Switzerland's willingness to allow a Geneva peace conference on the Middle East.

"Attacks at this time would be aimed at disrupting peace conference and as punishment of Swiss for allowing the conference," the FAA study says.

FOOTNOTE: Murphy pushed through a law permitting an embargo on flights between the United States and countries with risk-prone airports. In private correspondence Murphy has been urging the Department of Transportation to begin enforcing the law.

BIRCH BARK: President Ford warmly embraced C. R.

# Be my guest

## Handicapped...a forgotten minority

By GARY L. MOSS  
Co-director, Handicapped Student Association

Involving minorities in the main stream of American life has been a major concern to business, government, industry, and churches in recent years. Blacks, chicanos and women have been making some progress, however measured, in being admitted to and accepted in this and other societies.

There is another group that, prior to this time, has not even thought of themselves very often, even as a group much less a minority. That group consists of the physically handicapped individual. Even the term "handicapped" is not wholly accepted by all or perhaps even most of this group.

Part of the reason for this lack of group consciousness or identity is the fact that it is made up of a widely varied cross-section of the human community. Brown, black, red or white, birth defects, accidents or other physically debilitating phenomenon know no boundaries — social, cultural or otherwise.

For this reason, probably more than any other has there been a lack of communication and cohesiveness among handicapped persons. Now one may question the need for any cohesiveness, communication or cooperation in this widely varied group. One of the main reasons for this need is the structure of the political system. Anyone, to meet his or her need in their own highly complex modern world must join together to demonstrate and communicate their need.

This is clearly illustrated with the progress on the architectural barriers issue. On the Tech Campus a couple of

years ago, a few individuals attempted to communicate the need for removal of these barriers, but until a highly organized effort was made to communicate these needs, the plea fell on deaf ears.

There are three purposes for this editorial, one is to illustrate the need to the handicapped student for a useful, viable and innovative organization. The second one is to communicate to the non-handicapped Tech Community some of the experiences (some which are common to all persons, some which are unique to handicapped people). The third is to invite everyone to the Handicapped Student Awareness Week programs Oct. 22-26.

The overall purpose of this Awareness Week is to discover ways of involving handicapped people to a greater degree with society by gaining ideas from the members of the group or other projects that can be undertaken by the Handicapped Student Association. As I have mentioned before, some of our previous and present projects include removal of architectural barriers, physical education programs for the handicapped and intramural activities for the handicapped.

To the handicapped student population of Texas Tech, I would like to invite and challenge everyone to get involved in making Tech a more complete educational facility for the physically handicapped by giving of your ideas and time to make things better.

I would like to invite everyone to attend the sessions during Handicapped Student Awareness Week to learn more about other people and how they live their lives.

### DOONESBURY



by Garry Trudeau

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OUR REPRESENTATIVE WILL BE ON CAMPUS OCT. 28-29.

**El Paso Natural Gas Company**

'Raise hell' within system

# Faulk zaps lazy teachers, students

The majority of teachers and students on college campuses today are more interested in taking the easy way out than becoming actively involved in providing and attaining a quality higher education.

This was the general theme of an address given by Dr. Odie Faulk, chairman of the History Department of Oklahoma State University and author of the book "This Beats Working for a Living." Faulk spoke at the University Center Ballroom Friday afternoon.

Faulk, who has received three degrees from Tech, said most students today are relatively apathetic. Students are more concerned with getting into the easiest classes available than learning. Speaking to the students in the crowd Faulk said, "You sit in

easier courses but you learn nothing." He added, "It is the student's responsibility to see they are taught something."

Faulk said, however, he believes the major area of concern in dealing with the sub-standard quality of education in colleges lies within the ranks of the teachers. In his book, written in the spring of 1972, he labeled 75 per cent of all college professors as "worthless." "Many professors manage to put 15 minutes of content into a three hour lecture," he said.

The controversial author-professor said he believes some teachers "regard the professorship as a kind of priesthood." He disputed this "God-like" esteem with the Will Rogers axiom "Professors get their diploma for their memories rather than their intelligence."

Although he is displeased with the present trend in higher education, Faulk said he believes "Education has kept America alive in the twentieth century." It is in the interest of all Americans to see that education is available to everyone, he said. "We must in the interest of democracy keep colleges open to everyone."

In keeping colleges open to everyone Faulk said he believes an education should deal more with areas which can be used in making a living rather than "art and the humanities." "A college degree is worth nothing unless it gets you a job," he said. "It's very hard to be a philosopher on an empty stomach. More and more colleges and universities are turning out semi-illiterates. People who have a hard time reading their diploma."

To improve the quality of education at Tech, Faulk said, students and teachers should "begin at the personal level rather than at the abstract level."

Speaking on the controversial tenure issue of campus, Faulk said, "Tenure is a damnable necessity, however I believe tenure can be easily violated. I say that the good professor doesn't need to worry about tenure

and the poor professor ought to be fired."

Faulk said perhaps temporary tenure is the answer to the problem. "Perhaps it ought to be every five years so at least every five years we can get a year's work out of the guy."

He also said students should have some type of input in decisions regarding tenure. "I think increasingly you'll find colleges and universities paying more attention to students on matters of tenure. I would encourage a student who has a rotten professor to complain. I say to you as a student 'Raise Hell.' Push against the system within the system."

# State of education said to be failing

Rice University Provost Frank E. Vandiver made a plea today for all American universities that are "being regulated out of the education business into the production of graduates with degrees."

At the same time, the noted historian emphasized the partnership between the sciences and the humanities.

Vandiver addressed a 50th Anniversary Convocation at Tech. His discussion of the humanities in the modern university and the problems which beset these institutions was sponsored by Tech's College of Arts and Sciences.

In developing his point, Dr. Vandiver said: "Federal and state agencies circumscribe colleges with enough rules of employment, of disbursement, of accreditation to stifle a herd of elephants."

"Educators are semi-civil servants without fringe benefits," he said. "Education is now happily defined, in much governmental parlance, as problem solving."

He said the fetters are far tighter than they look. Records have to be kept of everything — student grades, payroll deductions, insurance premiums, scholarship eligibility, football plays, enrollment statistics, research contracts, accounting for various governmental agencies.

"You name it, there's probably a computerized record of it," he said.

"Staff employment is in a shambles at most universities," according to Vandiver, "Faculty recruitment — at the deepest heart of academic programs — is in similar disarray."

He blamed part of the problem on a pool of minority talent that is too small for general leavening of academe.

"Competition and compromised standards weaken learning everywhere," he said. "Strenuous efforts must be made to produce larger numbers of minority holders of PhDs in all fields."

With inflation working its woes in conjunction with other problems of regulation, the quality of academic life — even academic life itself — is threatened. He said while legislatures will maintain some kind of state educational systems — "increasingly hagridden by requirements and prohibitions" — private systems may simply disappear.

"How serious the loss?" he asked, and then answered the question. "The loss can best be measured in humanistic terms. A few private places have held out against Leviathan, have hewed to the beacon of knowledge as they spurned the call to public service."

"That means," he said, "they have been loyal to the highest purposes of education — learning for its own sake. They have urged the broadest researches into the unknown, have defied ignorance at one of its surgent times. They have had the chance and the time to defend freedom of the mind and so have served us all."

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# Madrigal concert set here

The Accademia Monteverdiana, a group of seven vocalists noted for their performances of Renaissance and Baroque music, will present a madrigal concert Wednesday at Tech under the direction of the British musicologist - conductor Denis Stevens.

The program, presented under auspices of the University Artists Series, will be at 8:15 p.m. in the University Center ballroom and will be open to the public. Tickets, priced from 75 cents to \$3, may be purchased at the University Center box office or at the door prior to the performance. All seats are reserved.

## United Way

Goal: \$40,000  
Amount collected: \$28,494.50  
Percentage of goal: 71.2

## A&M Veterinarian due to speak here Tuesday

Dr. Roger Feldman of the College of Veterinary Medicine and member of the Admissions Committee of Texas A&M University will present a brief program Tuesday at 9:30 a.m. in Chemistry 100 on veterinary medicine and A&M.

The free program sponsored by the Pre-Vet Society, will outline the change in admissions to the professional curriculum of veterinary schools.

The program will be followed by a question and answer session on A&M or veterinary medicine.

Recordings by the Accademia are available on such labels as Angel, German Gramophone, His Master's Voice, Vanguard and Time-Life.

He has been active on both sides of the Atlantic, publishing numerous books, articles and recordings. He recently conducted Cavalli's opera, "Pompeo Magno," in London and directed an international congress on Italian music and poetry in the U.S. at the invitation of the Rockefeller Foundation. He has given concerts in honor of Petrarch in New York and Gstaad, and his transcription of a Ricercare and Canzona by Frescobaldi is scheduled for performance by Pierre Boulez and the New York Philharmonic next year.

Currently a professor of music at Columbia University, he also has taught at the University of California at Santa Barbara and Berkeley, the University of Pennsylvania, Cornell and the Royal Academy of Music in London.

Stevens, who studied music and musicology at Oxford University, has a variety of accomplishments to his credit. He inaugurated the

# Where it's at

**TODAY**  
"Play It Again Sam," Lab Theatre, 8:15 p.m.

**TOMORROW**  
"Play It Again Sam," Lab Theatre, 8:15 p.m.

**WEDNESDAY**  
"Accademia Monteverdiana," University Artists Series, UC Ballroom, 8:15 p.m.  
Free University Registration, 9 a.m.-4:30 p.m., UC Anniversary Room.

**THURSDAY**  
"The Trial" and "The Magnificent Ambersons", 7 p.m., BA 202, Cenematheque films.  
Free University Registration, 9 a.m.-4:30 p.m., UC Anniversary Room.

**FRIDAY**  
UC Film, "Skin Game", 7 and 9:15 p.m., UC Coronado Room.  
Faculty Recital, 8:15 p.m., UC Ballroom.  
Free University Registration, 9 a.m.-4:30 p.m., UC Anniversary Room.

**SATURDAY**  
Tech vs. S.M.U., Dallas, 2 p.m.



British conductor Denis Stevens

national series, "Musica Britannica" with his edition of the Mulliner Book in 1951 and founded the Ambrosian Singers in 1952.

He has been active on both sides of the Atlantic, publishing numerous books, articles and recordings. He recently conducted Cavalli's opera, "Pompeo Magno," in London and directed an international congress on Italian music and poetry in the U.S. at the invitation of the Rockefeller Foundation. He has given concerts in honor of Petrarch in New York and Gstaad, and his transcription of a Ricercare and Canzona by Frescobaldi is scheduled for performance by Pierre Boulez and the New York Philharmonic next year.

Currently a professor of music at Columbia University, he also has taught at the University of California at Santa Barbara and Berkeley, the University of Pennsylvania, Cornell and the Royal Academy of Music in London.

# Peace Corps offers program

A Peace Corps Intern Program is being offered to provide graduating seniors and post graduate students an opportunity to participate in a world-wide work-study program.

Fields of study include architecture, landscape architecture, environmental design, civil engineering and urban and regional planning.

The program is sponsored by the Peace Corps, the Southwest Alliance for Latin America (SALA) and Tech.

Six speakers, connected with the program, will be on campus Tuesday to talk to the agriculture and architecture classes about the advantages of these studies.

25 students and the program will be conducted in three phases, Wilson said. The first phase will help students acquaint themselves with the urban environmental systems of the countries they will eventually serve. The second phase will provide the student with an opportunity to learn the host country's language fluently and a chance to function effectively in its cultural environment. The last phase will conclude with a two-year urban assignment as a Peace Corps volunteer.

Any students interested in this program are asked to contact Wilson, office X 53D, for any additional information.

According to Roy Wilson, campus intern coordinator for the Peace Corps, "the program seeks to promote cultural and intellectual interests between us and other countries, especially Latin America."

"The program is offered to students who want to prepare themselves for practicing their professions on a global scene through language and cultural studies. This is followed by a two-year Peace Corp assignment on an overseas urban project."

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Red and black chrysanthemum

# Mum in Tech colors under development

Chrysanthemums - traditionally offering the last radiant blaze of summer throughout much of the United States - are one of man's oldest cultivated flowers.

The ordinary "store variety" of chrysanthemum isn't good enough, however, for Tech Horticulture Prof. Edward W. Zukauckas Jr. He's developed an oversize creamy white mum with a yellow center. He named it the Ima Smith Chrysanthemum in honor of the wife of former Gov. Preston Smith. It was planted on the campus for the first time this year.

Now Zukauckas is working on new varieties - both red types and kinds with red outer petals and centers so dark they look black. Red and black are Tech's colors, and when Zukauckas' tests are complete he hopes to have the variety

planted in profusion on the Tech campus.

The process isn't a lone effort. Advanced students of horticulture help in the studies as a part of their training. More than 70 Tech students have designated horticulture as their major.

The work in developing a red chrysanthemum presents special problems.

"There are only a few red mums that will hold their color," Zukauckas said. "The first day all of them look beautiful, but they tend to fade quickly to an unattractive bronze.

"We have found a few pretty durable lines that don't fade, but we're not there yet," he said.

The development of a new mum would eventually provide a new color for commercial production. Beyond that there is the color of development.

The color is only one factor for which the plants are bred. They must be consistent in the color, free flowering, have

good standability, and show good color in the foliage. They must be easy to propagate - transmitting characteristics from one generation to the next. They must bloom early enough to provide a generous blooming season, and they must hold their color for a long period of time in sun and rain, wind, cold and heat.

The centers of the flowers Zukauckas is attempting to breed would be red, but such a dark red they would appear black compared to the scarlet outer petals.

The process involves selection from tens of thousands of possibilities, and the spin-off results are sometimes as interesting as the ultimate goal.

In the Tech greenhouse, Zukauckas has a shrimp colored mum which has an unusually long blooming period. This is one accidental result of his breeding for the red mum. He is anxious to use the low, sturdy, profusely blooming shrimp color in field

trials to determine how it will perform outside a protected environment.

There also are red-tipped quill chrysanthemums and several spoon petal varieties. These have blooms in which the petals fold over on themselves so that the underside of the petal becomes the major visible color, and only the tip of the upper side is visible at the end of the petal.

Zukauckas' interest in plant development is much broader than the discovery of new chrysanthemums. He is a member of the Council of Judges for the All America Seed Selection, and students participate in evaluation studies of the trials.

One of the exciting new developments in horticulture, according to Zukauckas, is the innovative use of the computer to help in the selection of plants to be used in breeding.

"We will be using computers more in the future," he predicted, and that will simplify the current system of choosing from thousands of seedlings to achieve a plant that is equal to or better than anything available.

"Once in a while you hit it lucky," said the horticulturist, "but most of what you get has to be thrown away. It takes years of patience."



Fall flowers

Professor Edward Zukauckas, right, and two Tech senior horticulture majors, Jerry Knox, left, and Carl Kahlich, look over one of the numerous beds of flowers now decorating the

campus in splashes of bright autumn color. Zukauckas is currently trying to develop a new variety of chrysanthemum which would bloom in Tech's traditional red and black.

Peter Rogers works shown

## Mural premiered at Tech Museum

A mural 17 by 40 feet, depicting the use of water in arid and semi-arid lands, had its premiere at Tech's Museum Saturday in conjunction with an exhibit of work by the artist, Peter Rogers.

The event was hosted by the West Texas Museum Association, and the association's Women's Council served light refreshments.

In addition to the mural, which is on the wall of the Museum foyer, approximately 50 of Rogers' works were on exhibit. These were ink-and-pencils, acrylics and water-colors, all dealing with a theme he has been evolving since 1956. He calls this theme "The Quest," and the subject and style are far removed from the representational style used for the mural.

Rogers said his "quest" is for a oneness with God, for spiritual enlightenment. The works are subjective, he said, and are the most recent results of his five-year absorption with the same allegorical theme.

Rogers' completed mural is almost identical to his original sketch for the work. A major change is the addition of a great blue heron, wading in a pool of water near a small dam.

Rogers explained the bird was added because it was "something lyrical in what tends to be a rather stark design."

While the scene is not specifically of West Texas, it is representational of the American Southwest which is relatively new to Rogers. He came to New Mexico after his marriage to Carol Hurd, the daughter of artists Henriette Wyeth Hurd and Peter Hurd. Rogers was born in England and met his wife in Spain.

The subject of Rogers' mural was suggested to him by a scene of the Hurds' San Patricio ranch.

The Rogers exhibition will be on display until Nov. 17.

## Pre-pharmacy club to feature speaker

Scott Boyd, administrative counselor at Southwestern Oklahoma State University (SOSU) in Weatherford, will speak Tuesday at a Tech Pre-Pharmacy Club meeting.

The meeting is scheduled for 6:30 p.m. in room 4 of the Chemistry Building. Boyd,

according to Pre-Pharmacy Club President Debbie Sullivan, will discuss the pharmaceutical profession with students at the meeting and will discuss the College of Pharmacy at SOSU.

The meeting, said Sullivan, will give pre-pharmacy students a chance to ask questions about general requirements, scholarships and loans and experience necessary when entering a pharmaceutical school.

Boyd is one of several speakers scheduled to talk at pre-pharmacy meetings during the semester.

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## Jeff Klotzman

Shaping up

If this were an ordinary SWC season, Texas would normally be well on its way to its usual Cotton Bowl crown while the rest of the conference would be scratching for the laurels the 'Horns hadn't confiscated.

But this isn't a usual SWC season. Texas, along with everyone else, is battling for its life while the Aggies, the Ponies and the Bears hang on for dear life to the conference lead.

A&M is regarded the kingpin of the SWC by virtue of its 28-7 shellacking of the Raiders. But the Aggies aren't out of the woods yet. Next week they take on highly regarded Baylor in Waco and the Bears have fielded their best team since the prohibition era. After Baylor, it's on to Arkansas, SMU and Rice before a clutch shootout with the 'Horns. A&M may be the top contender but defeating Texas in a filled Memorial Stadium in Austin has to be the supreme challenge.

Baylor and SMU, likewise, face their toughest challenges this week against the Ags and Tech. Baylor has already had its share of tough matches against Oklahoma, Oklahoma State and Arkansas and the results were surprising. SMU sports a 2-0 conference record but will have to knock off Tech in the Cotton Bowl to keep their bowl hopes alive.

Tech, unbeatable in Jones Stadium, has to journey into the dark woods in three of its next five outings. SMU and Baylor are the toughest foes remaining on the out-of-town schedule but Arkansas and upset-minded TCU will make an appearance in Lubbock before the end of the season.

Rice, Arkansas and TCU are in the same boat. Hopes for the Cotton Bowl are nil but all three are top upset prospects in the league. Rice, a very rugged ball club, will get a shot at Tech, A&M and Baylor. Arkansas has Tech, A&M and SMU remaining while TCU has a shot at Baylor, Tech and Texas.

In all likelihood, the three teams to beat down the stretch are A&M, Texas and Tech. And of these three, believe it or not, Texas is in the driver's seat for the championship for three reasons. Number one, the 'Horns jelled against Arkansas and Oklahoma and have re-established their crunching ground game. Number two, they have already faced Tech and Arkansas and will be favored in the rest of their outings. Number three, they play A&M in Austin and you can be sure the Texas ticket manager will make sure there are more Longhorn fans in Memorial Stadium than 12th men from A&M.

Should Texas stumble, namely against Baylor in Waco, A&M has the best shot, but don't rule out the Raiders. Carlen is praying his Baptist friends down Waco way can set a bear trap for the Aggies then leave it to Bevo to put Reveille to rest. If that were to happen and if Tech can take their Jones Stadium success on the road, then the Raiders could top the odds and be the host team on January 1.

# Tech silences Wildcat growl 17-8

By MIKE HALLMARK  
Sports Editor

Tech's Red Raiders experienced another high point in a season of peaks and valleys as they convincingly put the throttle to ninth-ranked and previously unbeaten Arizona 17-8 Saturday night in Jones Stadium.

1974 has been a year of tremendous highs and despairing lows for the young Red Raiders but the Arizona win was definitely a high which cancelled a low the previous week in a loss to Texas A&M. The Raiders combined a big play defense with a few new offensive faces to completely dominate the quick-striking Arizonans.

Coach Jim Carlen followed much the same script he did in the Texas win as he got some points on the board early and then let his high pursuit defense do the rest. Arizona came into the game averaging 30 points and 435 yards per game but were limited to only 81 yards in the first half and finished with 273. The Wildcats were held scoreless until 3:50 remained in the game.

"Our defense did a fine job," said Carlen. "We

matched up well with them physically and the defense was tremendous. We shut down our offense a little in the second half because we didn't have a big lead and we didn't want to give the easy score. We got good pressure from our defense and we had them shut out until the last."

A shutout, which almost came off, would have been the first such feat by Tech in 27 games. Carlen was particularly impressed with the play of his secondary and of defensive end Thomas Howard. The secondary picked off two aeriels to thwart Arizona drives and Howard had six unassisted tackles including a spectacular one of the Arizona holder after an attempted fake field goal to pick up the first down.

New faces were abundant in the Raider effort as Don Roberts took over for injured Tommy Duniven at quarterback and engineered two scores. Another youngster who got some exposure was freshman Sammy Williams, younger brother of flanker Lawrence. The Williams brothers accounted for seven

catches with big brother grabbing the extra pass. Other frosh who played some were tailback Billy Taylor and noseguard Ernest Cheatham.

"I didn't put those kids in there for experience," said Carlen. "I put them in there to win a ballgame. You put kids in when you are 30 points ahead to win ball games. Sammy Williams played well and will play some more obviously but I only believe in playing freshmen when they have enough exposure to be ready."

Tech struck first in the second quarter when defensive end Tommy Cones hit Cat quarterback Bruce Hill at the pitch point and made the ball go awry. It was recovered by linebacker Harold Buell at the Arizona eleven. However, Tech couldn't punch it in and Brian Hall broke the ice with a 21-yard field goal with 12:54 left in the half.

The Raiders connected again before halftime. Dunivan combined with the Williams brothers, 20 to Lawrence and 19 to Sammy, to move the Raiders down the field. However, with the Raiders at the 15 on second down a play was busted and Duniven had to keep the ball. He suffered a hit in the back which caused muscle spasms and forced his exit. Roberts came on and hit Sammy Williams for a six-yard touchdown after rolling left. Hall added the PAT and Tech led 10-0 at halftime.

Tech's final touchdown came in the fourth quarter as fullback John Garner boltea over from the four. Garner had set his score up with a 25-yard burst following a Tommy Lusk block.

Arizona's lone points came on a five-yard pass from Hill to flanker "T" Bell. Bell then gathered in a two-point conversion pass to complete the scoring.

Arizona had two drives thwarted by key interceptions. Safety Curtis Jordan picked off a Hill pass at the goal line to stop one and cornerback Randy Olsen grabbed another at the Tech nine.



Dressing down

Reserve quarterback Donald Roberts (16) finds the going rough as three Wildcats snare him after a short gain. Roberts, who replaced Tommy Duniven in the second quarter, lead Tech to two touchdowns.

## 'Horns top Hogs in SEC

By DENNE H. FREEMAN  
AP Sports Writer

Well, let's see, you can punch Arkansas and Texas Christian out of the Southwest Conference race but the Texas Longhorns erased any doubts Saturday that the defending champions were ready for cold storage.

Texas physically abused Arkansas 38-7 and when rugged defensive tackle Doug English was asked in the lockerroom if Coach Darrell Royal's crew was en route to a seventh straight SWC football title English shouted "Yes Sir!" And the man didn't hesitate.

Of course, the 'Horns are going to need some help to make it to the Cotton Bowl again because of an earlier thumping from Tech.

Right now, Texas A&M and Southern Methodist are tied atop the SWC ladder with 2-0 ledgers thanks to the Aggies' hard-earned 17-0 victory over TCU and SMU's dramatic 19-14 cliff-hanger over Rice that still has losing Coach Al Conover burning.

Baylor is 1-0 and was idle, preparing for Saturday night's showdown with the Aggies in Waco where every ticket has already been snapped up.

In other games Saturday, Tech (1-1) and very much alive in the title chase whipped ninth-ranked Arizona 17-8 and Houston,

playing out its independent schedule, mauled Villanova 35-0.

The other SWC biggies Saturday include Tech at SMU and Texas at Rice.

Texas is at 1-1 in SWC play and Royal said of the league race "I didn't think we were out of it."

Arkansas Fullback Marsh White summed up Texas thusly: "They were so strong it was just like a tidal wave."

The Razorbacks had eight players limp off to the sidelines with Barnabas White suffering a possible broken ankle.

The Rice-SMU game was pure science fiction.

Alan Pringle kicked a 44-yard field goal with 35 seconds and Rice did so much on the field celebrating in its apparent 14-13 victory that the Owls were flagged with a 15-yard penalty. Arthur Whittington of SMU promptly returned the kickoff 70 yards. Quarterback Ricky Wesson, only moments earlier the goat because of a fumble, winged a 13-yard TD pass to Freeman Johns with 18 seconds left. SMU also was flagged for on the field celebration.

"That rule is the worst rule ever invented in the game of football," said Conover. "I will do all in my power to get it changed. It is a rotten rule. It takes the game away from the players and their enthusiasm."

## Tech striders take meet

Tech's cross country team took the West Texas State cross country meet Saturday behind the running of Terrell Pendleton and Mark Freeman.

Pendleton placed second and Freeman placed third giving the Raiders 32 points, winning over Wayland Baptist who scored 40 in the inverted scoring system. West Texas

had 68 while Lubbock Christian tallied 85.

Tech also copped the last three places in the top ten with Gary Guest and Ken Noble trying for eighth and Wesley Stout taking tenth.

## SWC standings

CONFERENCE	ALL GAMES
W L T Pct	W L T Pct
Texas A&M	2 0 0 1.000 5 1 0 .833
SMU	2 0 0 1.000 5 1 0 .833
Baylor	1 0 0 1.000 3 2 0 .600
Tech	1 1 0 .500 4 1 1 .714
Texas	1 1 0 .500 4 2 0 .667
Arkansas	1 2 0 .333 3 3 0 .500
Rice	0 1 0 .000 0 4 1 .167
TCU	0 3 0 .000 1 5 0 .167
x Houston	0 0 0 .000 4 2 0 .667

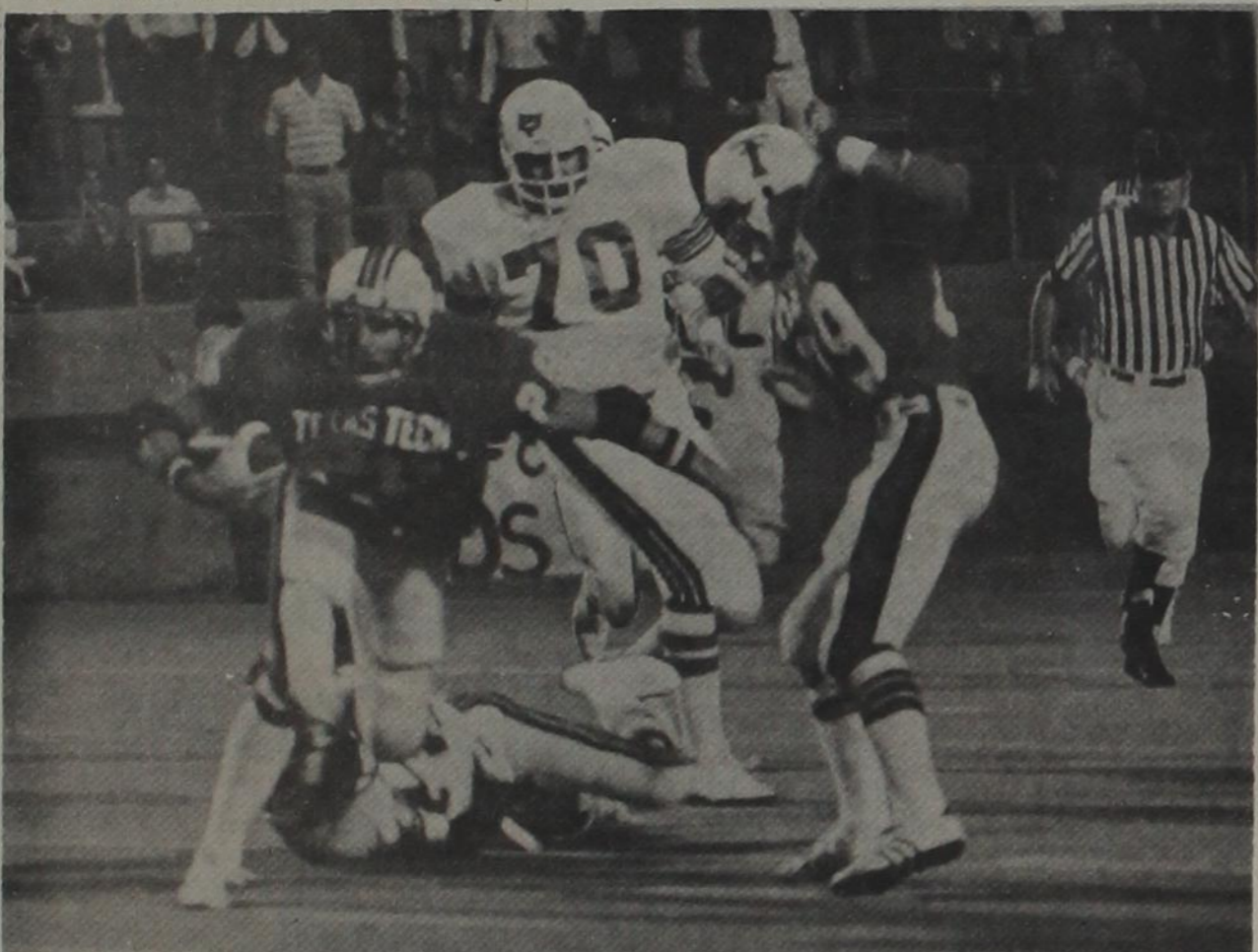
x not competing for SWC title

LAST WEEK'S RESULTS—Texas 38, Arkansas 7; Texas A&M 17, TCU 0; Texas Tech 17, Arizona 8; SMU 19, Rice 14; Houston 35, Villanova 0.

THIS WEEK'S SCHEDULE — Friday: Cincinnati at Houston, 7:30 p.m. Saturday: Colorado State at Arkansas, 7:30 p.m.; Texas A&M at Baylor, 7:30 p.m.; Texas Tech at SMU, 2 p.m.; Texas at Rice, 7:30 p.m.; TCU at Alabama, 1:30 p.m.

## IM scores

Apocalypse 26, Yellowhammers 0  
Scabs 14, Fat Dogs 0  
Sneed 22, Wells 7  
ASCE 6, AICHE 0  
BSU 21, AKP 0  
Sig Eps 1, Sigma Chi 0  
ATO 19, Sigma Nu 0  
KA 12, Fijis 0  
Betas 18, Kappa Sigma 0  
Phi Deltas 16, Deltas 15



Key theft

Free safety Curtis Jordan (26) heads upfield after picking off a Bruce Hill aerial at the goal line preserving Tech's 17-8 victory over the ninth ranked Arizona Wildcats.

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