

Catalyst editor disclaims paper's radical image

EDITOR'S NOTE: This is the first of a three-part series by teaching assistant Sam Fletcher on The Catalyst, Tech's underground newspaper.

By SAM FLETCHER

The Catalyst, Lubbock's biweekly underground newspaper, is less radical—and more prosperous—than many people think, according to Hank Fletcher, acting editor of the publication.

Fletcher said, "The Catalyst doesn't deserve its radical label. Its contents are on a higher level and much more conservative than most underground publications.

"We also have larger circulation and more income than the Austin Rag which probably was the first underground newspaper in the state."

He said, "The Catalyst is a better paper than most people know. We deserve more readers but we're hurt by common misconceptions surrounding underground newspapers. Many associate such papers with hippies, obscene language, radical views and approval of drugs.

"I'm not sure what underground papers are but I assume such publications are free from the canons of so-called good journalism. In that sense The Catalyst is an underground paper."

Fletcher claimed he tries to tone down some stories published in The Catalyst. He said, "I prefer using good satire to make our points but writers sometimes toss in inflammatory phrases such as 'neo-Nazi' and 'Amerika'."

"Some of the words we print may be considered obscene. I don't mind including four-letter words if they are essential to the story, convey the writer's emotions or grab readers' attention. But I frown on flaunting them for shock value."

He said, "Complete editorial control is impossible since many of our writers receive little or no pay. I may suggest deleting certain words but if the writer insists on retaining them I leave them in."

"We differ from the regular press in that we have writers rather than reporters. None of our people have formal journalistic training and they

usually are not given specific news assignments.

"Writers simply cover any events in which they are interested. Sometimes our readers provide us with tips or articles."

He said, "We've always relied primarily on local stories from staffers and other contributors but we also have other sources for material."

"We've received items, including many of our cartoon panels, from three national underground wire services. That copy usually is radical so we use it only for filler. We're trying to phase out some of that material."

"We also exchange issues with 8 or 10 other underground newspapers. We use some of their stories and they use ours. We also steal material, especially good graphics, from any publications which aren't generally circulated—and hope we won't be sued."

Fletcher admitted Catalyst stories often are slanted to writers' viewpoints.

He said, "Our copy reflects gut-reactions of our writers because they

have strong opinions about events they report. Sometimes we distort things—blow them out of proportion—to make a point. But we don't intentionally lie to our readers."

According to Fletcher, The Catalyst is read more for entertainment than for information. He said, "We don't imitate local newspapers because we don't think they have much to offer. For instance, the UD looks like a newspaper should but it has no content. We think we have more to say."

Former UD Editor Jim Davis agreed with Fletcher that The University Daily and The Catalyst do not compete. Davis said, "We don't try to cut each other's throat for scoops."

"They are directed at a radical-liberal audience—in fact, they probably aim at a much bigger audience than they get. We don't consciously aim at any special audience. We try to cover events which concern the university as a whole, including students, faculty and parents."

Davis also claimed The Catalyst doesn't compete with the UD for ad-

vertising. He said, "Our readership is too large for The Catalyst to win advertisers from us."

The Catalyst began carrying commercial advertisements last spring and Fletcher is hopeful advertising income will improve in the near future.

He said, "Much of our advertising comes from head shops, pizza restaurants and sales outlets for musical instruments and recordings. The problem is many small business owners don't appreciate the benefits of advertising. They claim they can't afford ads and then go out of business because they don't attract customers."

Although current advertising income is low, Fletcher claimed the newspaper is on sound financial footing. He said, "Our sales to Tech students alone bring in enough money each issue to pay for publishing the next. Of course, not all our street sales are to Tech students—many Lubbock citizens also subscribe to our paper. Mayor Jim Granberry has two subscriptions—one to his home and one to his office."

Fletcher said, "Our Oct. 1 edition with the picture of President Lyndon Johnson on the front page was our best seller with 4,600 copies sold. But our street sales have dropped off lately. The city ordinance passed in December outlawing sales to traffic hurt us. Bad weather during January also cut into our street sales."

"But our profits vary with the weather. Now that warm weather is here, income should improve."

Fletcher said, "Copies of The Catalyst sell for 25 cents each. We first charged 10 cents a copy. Later we raised the price to 15 and then to 25 cents. We still weren't making much on sales and might have been forced out of business if we hadn't been banned from selling on Tech campus. Our sales increased after we were banned and we now are in good financial condition."

He said, "Our street salesmen get 50 per cent commissions on all they sell."

"Our major expense, of course, is printing costs. We pay approximately \$320 for 5,000 copies of a 16-page paper. This includes express costs for shipments to and from our printer in Austin."

He explained, "Income from subscriptions is deposited in a savings account which we never draw on. Other income is placed in a checking account from which we pay our expenses. At last

count we had more than \$600 in the two accounts."

"Anything more than \$500 is considered profit and is distributed among the staff. We began paying our staff members only a few weeks ago."

"Our salesmen in the Student Union Building at Tech receive about 20 per cent of the profits. Another 30 per cent goes to those who do the layout and production work. Our office staff receive 20 per cent and the remaining 30 per cent is distributed among our writers according to the amounts of material we use."

Fletcher said, "Membership among The Catalyst staff changes frequently according to individuals' interest in the publication. Some of our writers contribute regularly; some don't."

"Many of our stories are more opinion pieces or essays than news reports. We use The Catalyst as an outlet for personal reactions and as means of revenging attacks on our staff and others."

"But we really try to avoid the mental-masturbation of extolling our views. We try to print material which will make readers think—make them say, 'I didn't know this but I'm glad to learn about it.'"

"I serve as editor now but we haven't any formal positions on the staff. We try to promote a feeling of equality among staffers."

There were eight members of The Catalyst staff when it began publication in fall, 1969. Fletcher's older brother John, a member of that group, furnished \$75 to pay for printing the first edition.

Fletcher said, "The original idea was to provide a forum for philosophical essays, poetry and reports on controversial issues. The first two issues were more like mimeographed church bulletins than newspapers."

"We sold all the copies we could and gave away the rest. We didn't earn enough on the first edition to pay for printing the second but a local doctor donated \$100 to keep us in business. We then changed to our current tabloid format."

"Donny Richards, present editor of the UD, taught us how to lay out a newspaper and we did the work in the homes of various staff members. Later we moved to the Presbyterian Union Building on 13th Street but had to leave there because some church officials claimed we were dealing in narcotics. We now have an office in the basement of a restaurant at 1211 University Ave."

Fletcher said working on The Catalyst staff has promoted his interest in mass communication. He and another staff member are enrolled in journalism classes at Tech.

But he reported no special plans for The Catalyst's future. He said, "We want to increase our readership but we don't have a definite goal of building profits or expanding the business. We're serving a necessary function in what we do but our future depends on staffers retaining interest in the publication."

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EIGHT PAGES

Against Lubbock policeman

Student wins damages in court

By DON RICHARDS
University Daily Editor

U.S. District Judge Halbert O. Woodward last week awarded Tech student Billy Agüero \$597 in damages in his law suit against Lubbock Police Sgt. Billy Stafford.

Agüero filed the \$25,000 suit against Stafford in July as a result of an incident in the Lubbock Police station May 19, 1970.

Agüero, who had his arm broken while in custody in the police station, claimed his civil rights had been violated, his arrest illegal and that ordinances of the City of Lubbock were unconstitutional. Stafford said that Agüero had used abusive language and failed to obey a direct order. He said that force was used only after Agüero was warned and then still failed to obey orders of a policeman.

Agüero, 21-year-old Tech student and president of Los Tertulianos, also claimed that due to the broken arm he had lost profits in a musical group in which he is a member. However, Woodward ruled that the Court could not see how any profits Agüero lost resulted from the broken arm, because Agüero continued to perform as a band member with his arm in a sling.

The \$597 assessed to Agüero was to cover "pain and suffering and medical expenses," Woodward said.

"Although an officer is entitled to use such force as is reasonably necessary to affect an arrest ... it does not appear that the force used in this particular case was necessary or reasonable. With a room full of police officers, ... it is not reasonable to assume that force sufficient to break the plaintiff's (Agüero) arm should have been used."

"Police officers ... are required to use more restraint and care than would be expected of an untrained private citizen."

According to the opinion and judgment of Woodward the incidents involved in the case were as follows:

The case resulted in the aftermath of the May 11, 1970, tornado when Agüero inquired at the police station for a pass to enter the damaged area to pick up a friend and take him to work. Agüero had earlier received a pass but said that he had lost the first one.

Stafford, the officer on duty, asked for the address of Agüero's friend. After checking, the address was a commercial one and asked Agüero for another address. Stafford denied Agüero the pass after the second address turned out to be

a location where no one was living.

As Agüero walked out the door he turned to Stafford and said, "You sons of bitches have got a lot to learn about the running of a police department."

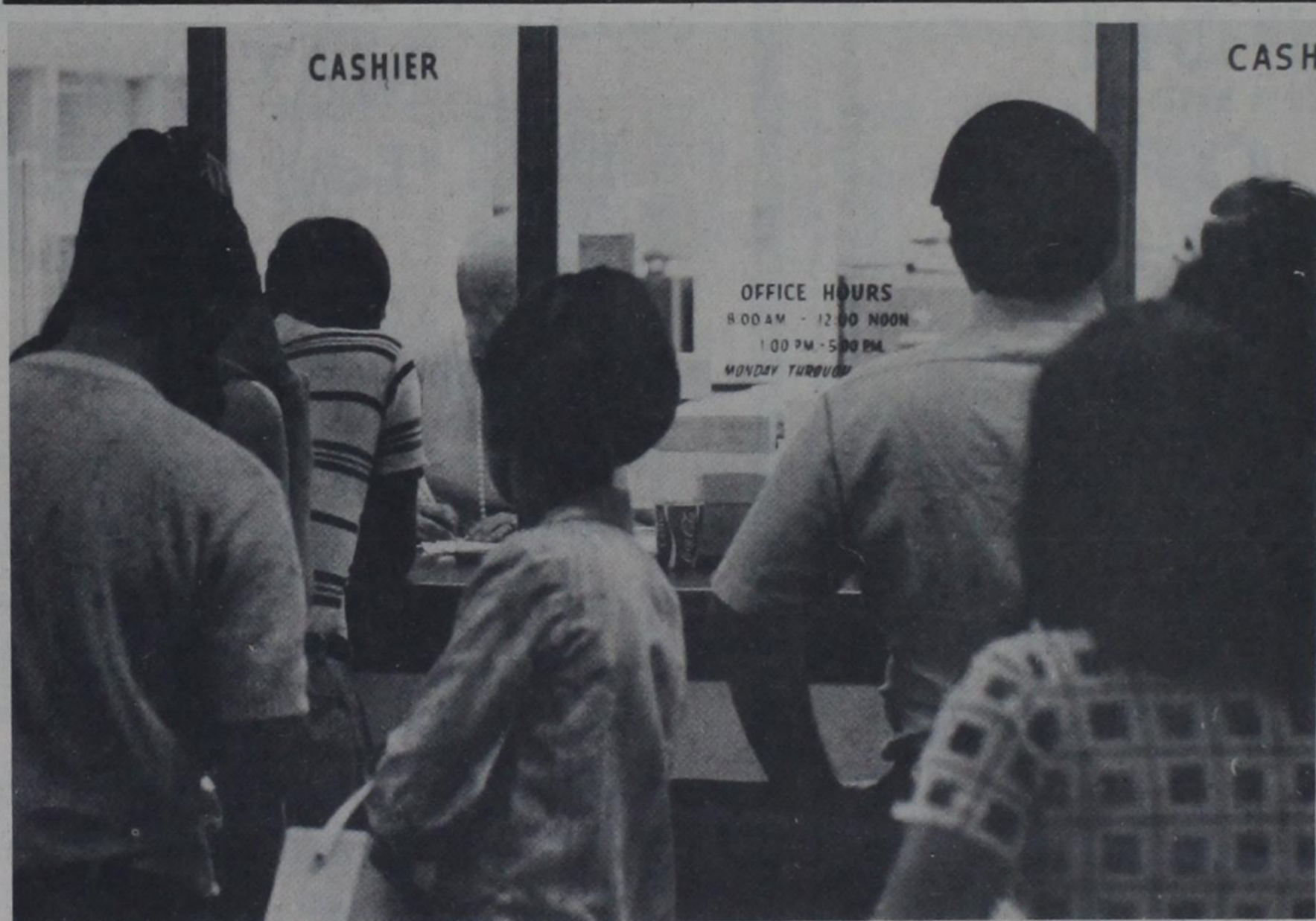
Stafford then ordered Agüero out of the building and Agüero replied, that he would leave when "I damn-well please."

Agüero then refused to come back at Stafford's order and walked out the door and was stopped by Stafford and another officer outside. Agüero was taken back into the station and booked for failure to

obey a lawful order and for use of loud, profane and abusive language in a public place.

Agüero was put in a chair and then ordered to empty his pockets, and then get out of the chair. Both of which Stafford said Agüero did very reluctantly.

In an ensuing struggle, Agüero's left arm was broken between the shoulder and the elbow. Agüero was taken to a hospital and released from police custody for medical reasons.



Add and drop

Students stand in the annual add-and-drop line to pay their \$3 for the class change. Tech officials Thursday had no final figures on the number of class changes.

Tech affected by funding cut

By PAT NICKELL
Special Reporter

A \$208 thousand cut in general institutional expense by the Texas legislature will not mean necessarily that Tech administration and faculty members will not receive raises, Dr. Glenn Barnett, Tech executive vice president, said Wednesday.

Barnett said they are working on how much money will be available for increases, but as yet there is no decision. "We do know there was no additional money put into the budget for instructional increases," he said.

Memos have been sent to all administrative and academic areas stating that vacancies occurring on campus will not be filled. Barnett said, "If we do not fill the positions that become open, we can keep the people who remain."

Faculty salaries in the appropriations bill for Tech allowed for a \$600,000 increase over last year. This was for raises already given, Barnett said.

Every department at Tech should be affected by this action, Barnett said, "save those who do not operate on state money."

The central administration is not greatly affected by the cut, but the instructional administration is going to have it pretty rough, he said.

As for the reason behind the legislative action, Barnett said he understood the Legislature was looking for ways to cut overall appropriations.

Barnett said the computer center was affected by the cut, but that every department was, and the computer center is only part of it.

Internal budgets number in the hundreds, and each department has numerous internal budgets, Barnett said. Each student's property deposit is carried by the university as a separate account, for instance.

Tech is not the only university affected by the appropriations cut; West Texas State University at Canyon received \$284,975 less than the proposed budget approved by its Board of Regents. Virgil Henson, financial vice president at WTSU, said all contingency funds would be exhausted just to pay the faculty and that there would be no money for emergencies.

Tech did receive increases in the appropriations bill which could offset the general cut if a means is devised to

rechannel some of the increases into shorted areas.

Departmental operating expense was up \$314,132 from last year and there was an addition of almost \$585,000 for organized research.

Tech was allowed extra tuition to service \$17.5 million in bonds for medical school construction.

Tuition, however, is based on estimates, and it is not known at this time how the recent tuition hike will affect enrollment.

The estimates include the proposed tuition increase, which will go into effect for the fall semester. The hike will add about \$10 for resident students, and \$400 for non-resident persons.

Barnett said Tech officials are studying the budgets for a solution to the appropriations cut.

Summer Rep Theatre nears production date

The old adage, there's the charm, emerges from superstition to theatrical reality June 25 through July 6 as the Tech Rep Company once again presents three plays in three days. This year's triad of plays provide light summer entertainment for any and all tastes.

One of the best features of the Rep Company is its airconditioned arena staging. The audience's sitting in a virtual circle around the actors provide interesting problems for the set and costume designers. Rarely does the audience get to scrutinize the set, properties, and costumes so closely.

Allowing for this problem, Rick Grabish, Assistant Technical Director, has designed "Oh, What a Lovely War," the opening night British musical. The

Missing a bicycle? ask Lubbock police

People missing bicycles should check with the Lubbock Police department before next Friday when all unclaimed bicycles will be auctioned to the public at 9 a.m. in the electrical warehouse on Municipal Drive.

Knowledge of the serial number is the only positive way to claim a bicycle said Sergeant Richard Hamilton of Tech's Traffic Security. Serial numbers are usually located on the bicycle frame under the pedals, around the handle bars or near the back wheel.

The best way to keep a bicycle, Hamilton said, is to always lock the wheels or lock it to something.

set consists of mobile ramps and platforms which can be moved to suggest many different locales, from a Model-T Ford to a World War I trench in France. Suggesting a circus ring, the set has intentionally no particular period to convey the universality of the show and the pieces combine to form even a runway in a burlesque house.

Mr. Whit Combs from Western Kentucky University at Bowling Green is the designer for "Pygmalion," Bernard Shaw's play known to most from the musical My Fair Lady. This show is placed in London in the 1900's and utilized three distinct sets. The first is the portico of St. Pauls Church, Covent Garden, suggested by pillars. The second setting is Professor Higgins' richly furnished but extremely cluttered phonetics laboratory and drawing room. The third, contrasting Higgin's maroon and cherry furnishings, is the white, elegant and airy rattan of Mrs. Higgins' drawing room.

The setting of the third production of the summer season is a New York apartment in a "A Thousand Clowns." Costumes will be simply present day in period in this fun play concerning the antics of a television writer and his intellectual nephew.

Tickets may be obtained at the University Theatre Box Office at 742-2153. Tickets are \$2.00 with a special price for students at \$1.25. Season tickets entitling the holder to one ticket to the performance of his choice of each of the three plays may be purchased for \$5.00; student season tickets are \$2.50, and faculty season tickets are \$4.50.

Editorial They'll think of something

LAST SUMMER the citizens of Lubbock voted themselves a "tornado relief package" which included, among other things, a memorial civic center with a nice healthy price tag on it. Well, it seems the money for these things is running out in a hurry.

There has been more and more publicity lately concerning the civic center and how expenses are going up, inflation setting in, and how things in general are costing more than previously anticipated.

Also, in the local newspaper, on the radios and televisions, people are constantly being reminded of the "devastating" Lubbock tornado and how no other tornado has matched it in several years. The way they keep bringing it up and pushing it, it's almost as if they were proud of it.

What this all boils down to is that the civic center pushers want more money and need to call another bond election, but first they must get the people in the right frame of mind so it will pass. Only this year they don't have anything to sell it on and are still riding the "devastating" tornado.

Who's running for what?

THE LAST ISSUE of the University Daily had story interviews of both Lt. Gov. Ben Barnes and former U.S. Senator Ralph Yarborough. Both are considering running for either governor or the Senate seat now held by John Tower.

This is shaping up to be one of the most exciting election years in Texas history. Either one of those will make an exciting race for either office. But then throw in Gov. Preston Smith running for re-election and a rumor that LBJ is considering the governor's post and things really live up.

Also, the Lt. Governor's post definitely will be open and Speaker Mutscher seems to be losing some ground in the House.

And with all the redistricting and gerrymandering accusations, several legislative spots could be interesting.

This could be a wide open year. Texas needs it.

Timely complaints

One of the minor complaints that seems to affect the most people has been the clocks around campus. It seems none of them work.

With a little work, the maintenance men could please a lot of people and everyone would be grateful.

LITTLE MAN ON CAMPUS



Letters Apologies

On Thursday afternoon, after having traversed a great length of the university campus, I discovered that my impending biological need was developing into advanced stages of nerve impulse that required immediate attention.

Almost in a state of anxiety I sought the nearest oasis of relief—that being the, unfamiliar-structure-to-me, Mechanical Engineering Building. Passing through its maze of halls I came upon what appeared to be the object of my quest—yes, it was indeed a potty room.

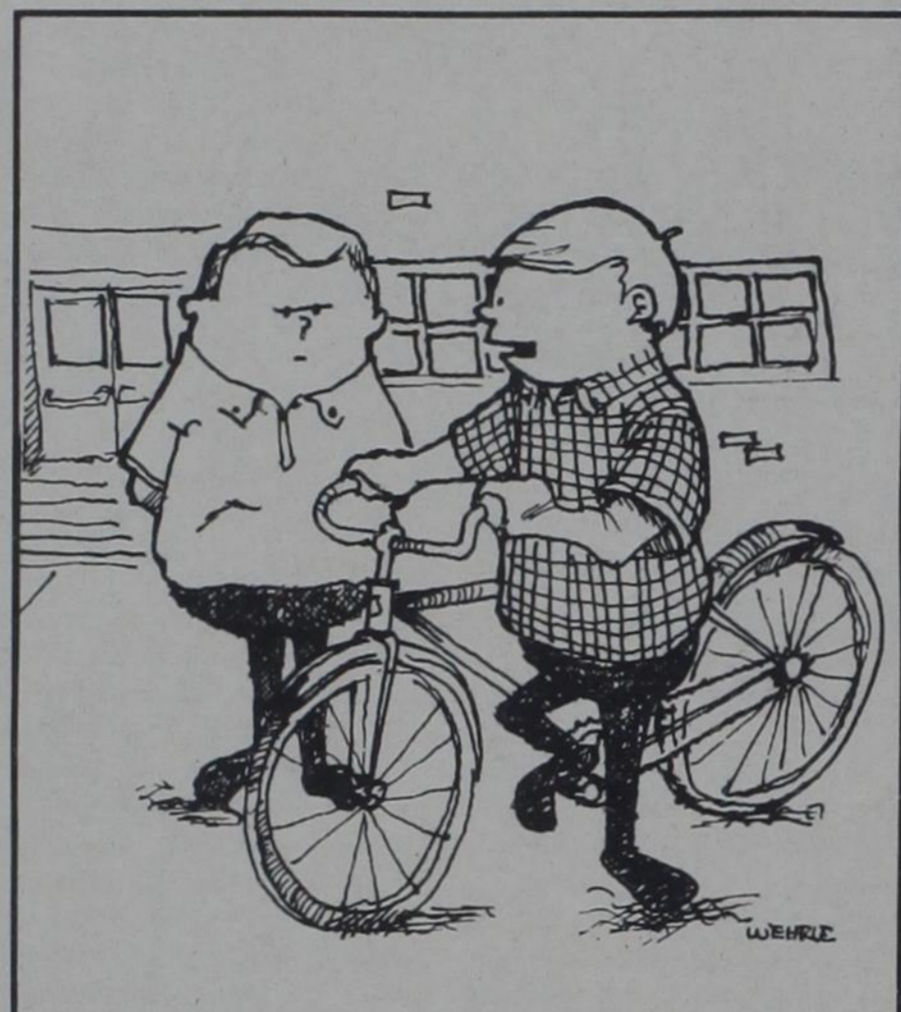
Immediately upon entering the unit to justify the reason of its creation I was verbally accosted by one fatherly individual, assumed at this point to be an eminent expounder of knowledge in that school, who defended the unit in much the manner a wolf would defend his sacred hunting ground.

I was humiliated in so many words that since I was not an instructor that I might use the appropriate unit down the hall. At this point euphoria became detrimental in my forming the appropriate feeling of guilt and remorse necessitated by my perpetration. Indeed, not until I gathered my senses did I realize that because the outer door had been propped open that I was in the faculty lounge.

However, returning to the point of my letter, I would like to extend my deepest regrets to the faculty and staff of the Mechanical Engineering Department for having abused their facilities. As a fairly mature, hopefully intelligent student, I am aware that the perpetual flow of uric acid through plumbing fixtures contributes to their slow deterioration.

Again, my deepest apologies.

Dale M. Worham
2312 B 5th



WELL, DAD PROMISED ME IF I MADE ALL A'S HE'D BUY ME A CORVETTE, ALL B'S A USED CAR, ALL C'S ...

Campus satire

Peace corps comes to Tech and Lubbock

By Charles B. Moore

For years now the United States has been sending Peace Corps workers to many countries of the world. This got me to thinking what would happen if some of these countries decided to reciprocate by sending their own Peace Corps volunteers to our country.

We can only imagine what the first foreign Peace Corps volunteers would say on their return to their own country. In interviews with newsmen, it might go something like this.

"Good afternoon, ladies and gentlemen. We have in our studio Mr. Al Lablockski who has just returned from duty in the United States. How was it over there as a Peace Corps volunteer?" asked the newsmen.

"I must admit that I'm glad to be back but I felt I did accomplish some good. I was assigned to a colony called Texas and spent most of my time either in the village of Lubbock or at one of their colony schools called Tech. The natives were very friendly and willing to learn."

"Was it dangerous?"

"No, not in the least. I'd heard of some parts of the U.S. were very dangerous at night, however, in Lubbock everybody went to bed shortly after sundown."

"How was the native food?"
"Not so good. I tried the native food called enchiladas, tacos and bar-b-que but I had to stop after I found such food kept me up all night. And their schools are in bad shape and could use some of our teachers. Everytime I asked at the university why so many teachers weren't teaching, people would roll their eyes and say 'Publish or Perish', whatever that means."

"What do the people do for a living?"

"Mostly farming but even then it's a meager existence. Oh, there are a few wealthy people in Lubbock but they make all their money by selling ragged and wornout jeans and leather goods to poor students."

"Did you have any trouble with the language?"
"As you know, Peace Corps volunteers take extensive language training before going

to a foreign country. But even so, I had trouble with the Texas dialect. Only when they wrote down the words ALL and OIL could I tell them apart. And even after two years, I still don't know what 'Wal, Ah'll be doggoned' means."

"Where did you live?"
"I lived in small rooms called dorms with a group of poor orphaned students. They had very strict rules and the food was even worse than what the natives in the village ate."

"What did you find were their biggest problems?"

"Worry. Girl students were always worrying about how they looked and boy students were always worrying about girls. Natives in the village worry about the weather."

"Was the weather bad?"
"Bad won't describe it. Every single day they either have a severe sand storm or tornado. Everytime a cloud comes up, the natives all stand around and pray and chant 'May 11th.' May 11th must be one of their rain-gods."

"Well, Mr. Lablockski, you certainly had an interesting experience. Tell me, do you have any recommendations?"

"Just one. Our next Peace Corps volunteers to Lubbock's Texas Tech should be engineers."

"Why is that?"
"Just before I left, I saw them re-surfacing a perfectly good parking lot in front of an administration building while other parking lots were either dust bowls or muddy fields, depending on the weather."

Opinions expressed in The University Daily are those of the editor or of the writer of the article and are not necessarily those of the college administration or the Board of Regents.

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Lecture course predicts

Man doomed by pollution

(EDITOR'S NOTE: This is the second of a four-part series of articles on Contemporary Problems in American Society. The articles are based on a lecture series offered experimentally by the Texas Tech University Graduate School in the 1971 spring semester.)

By BEA ZEECK

An overflow audience in the Lubbock Municipal Auditorium Jan. 29 heard Paul Ehrlich predict "doomsday" by the year 2,000 when Americans—victims of the pioneer concept of "fouling a campground and then moving West"—may have ruined their environment beyond repair.

Ehrlich, professor of biology at Stanford University and proponent of zero population growth, appeared to offer more problems than solutions. Suggested answers came from other lecturers in a Tech series on Contemporary Problems in American Society. The lecture course was offered during the 1971 spring semester by the Graduate School.

Frank Kramer, professor of classics at Heidelberg College, Tiffin, O., suggested "retrenchment" in the use of resources to a "steady state society," historically observed in studies of ancient Athens and early American Indian societies.

Hugh H. Macaulay, Alumni Professor of Economics at Clemson University, John M. Ide, director of the Division of Engineering of the National Science Foundation, and W. O. Milligan, research chemist and director of research for the Robert A. Welch Foundation, were more specific.

Until four years ago, pollution was not commonly considered an economist's problem, according to Macaulay. Water and air, for instance, are "free goods." Since private ownership was not involved, resources were everybody's business and consequently nobody's business. With no price tags on the quality of air and water, most economists

showed no concern. The tale is different today. Cleanup costs are hotly debated.

To Macaulay, the cost should be shared between the polluter and his opponents who value purity. The economist used graphs to illustrate the rising costs as 100 per cent purity is approached.

A 90 per cent cleanup may be economically tolerated, according to his explanation, but the cost of purifying the last 5 per cent of a resource supply—water, for instance—is as great as the cost of removing the first 90 per cent of pollution.

Everyone ought to pay for cleanliness, Macaulay argued, because "this will encourage us to think before we ask for purity."

He proposed: 1) legislative enactment of guidelines to establish the level of purity which must be maintained; 2) charges set for units of waste or pollutants—forcing business to pay for a natural asset used and allowing the firm to pass along to the public the costs; 3) government subsidies for firms to pay for pollution abatement, passing the cost on to the taxpayer.

While Macaulay emphasized direct cost sharing between the polluter and the environmental quality proponent, student groups discussing this solution voiced objections. They argued that poverty groups who suffer the most from pollution are least able to pay for cleanup. Macaulay's response to this suggested guaranteed annual incomes, welfare payments, urban renewal and other government assistance.

Milligan recognized a "crisis between science and society." Support for basic scientific research is being decreased, he said, "when we need it most."

Society looks on science as a "Frankenstein Monster," he said, and the cause of all social problems.

"This view is taken despite the manifest fact that science alone can solve these problems," said Milligan.

He emphasized that it is "extremely difficult" to put a dollar value on scientific research. Those who want to support only research which is "immediately fruitful" do not understand, he said, that results cannot be predicted accurately. Application of knowledge depends, he said, on a host of basic discoveries, and there is a necessary time lag between discovery and application—commonly five or 10 years (even in this age of technology).

Milligan illustrated the point with several examples, among them the invention of the incandescent lamp—dependent upon a vacuum pump which was an Italian discovery of the 17th Century. He further supported his argument with a question:

"What good is a newborn baby?"

Science, said Milligan, is important to America's future because: the results affect us profoundly and beneficially in areas as divergent as medicine, cleaning agents and transportation; it is necessary for survival; and science and technology are now "just barely on the periphery of the coming Scientific Age."

Ide said that Congressional complaints focus on the lack of balance in federal funding of research and development. More than 75 per cent of federal funds, he said, have been going to the Department of Defense, the Atomic Energy Commission and the National Aeronautics and Space Administration.

What is left, Ide said, is funneled through such channels as the National Science Foundation (NSF), the Department of Health, Education and Welfare, and the Department of the Interior.

In the future, said Ide, it

appears that civilian agencies—primarily the NSF—will develop as the principal funders of research and development.

The future will see, according to Ide, the funding of more projects related to the civilian economy. There will be clusters of grants for problem oriented programs. He suggested these areas of special NSF interest: earthquake engineering; superhard materials and metal processing; biomedical engineering; enzyme engineering, and power systems problems. Other NSF interests include modern systems theories, noise reduction and control, and wind technology.

Although the NSF will continue to support basic research, Ide said, the emphasis will be on research applied to national needs.

Kramer's "steady state society" would require retrenchment of society to the point where it would reach an equilibrium—using resources only as they could be balanced by supply.

He suggested that man reconsider the primitive concept of animism, recognizing that while man has the responsibility for environmental control, he is governed by the same laws which affect all the world—plant, animal and mineral.

In lectures and in discussion sessions on environmental problems, the question was raised as to whether man is controlling technology or technology is controlling man. The critical relevance of the question was reiterated by lecturers and students, aware that once resources are consumed and technology crippled its momentum cannot be regained.



Spencer's Mountain

Henry Fonda and Maureen O'Hair star as Mr. and Mrs. Clay Spencer with a lifelong ambition to build their dreamhouse atop Spencer's Mountain at 8 p.m. today in the University Center.

Lord Bill Barnes Trio

Center to feature musical group

Tech's University Center will feature the Lord Bill Barnes Trio at 8 p.m. next Thursday in the Coronado Room.

The trio, with Barnes, James Jackman, steel drummer and Miles Mathew, congo drummer, sing and play many styles such as Pop, ballads, calypso and folk.

Lord Bill Barnes was born in Miami, Florida. His parents came from the Bahamas—Nassau to be exact.

As a boy he sang in the church

and school choirs and played saxophone and clarinet in the school bands. At an early age, he came north to live with an aunt in Pittsburg, Pennsylvania.

After graduating from High School, he came to New York City where he studied singing at Carnegie Hall with a former opera singer and sang with any and every amateur singing group he encountered. He studied voice, music, and composed songs at that time.

His first commercial job was at a small Greenwich Village Club. He soon formed his own group, traveling throughout the country and into Canada, playing in clubs, schools and at conventions. Invitations from colleges followed and soon he was performing in the college circuit and doing educational programs for elementary and secondary schools.

Lord Bill Barnes has developed into a two-way performer of great warmth with

that magic something, that instantly captures the concert and nightclub audiences. He has recorded an LP with Columbia Records (The Greatest Calypso Hits) but he is at his best singing to live audiences.

Most Calypsos are "instant" folk songs. Street singers vocalize news of the town humorously and happily. They relate tall tales and sad ones... but even the sad ones are sung with a wink in the voice.

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AMPEX C-120 120 Min Cassette	3.98	1.99

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For foreign agencies

Marketing translator vital

A Tech marketing specialist cautions advertising agencies moving into foreign markets that translation must be recognized as a "complex linguistic problem."

"Haphazardous procedures cannot be justified," said Dr. Andreas Alexander Muller, Tech graduate and teacher who has just completed an in-depth study of translation problems of advertising copy for foreign markets.

"The translator must be bilingual, bicultural and must have studied the languages of the persons his client is trying to persuade."

Foreign students, local high school teachers or staff members rarely have the linguistic experience and the skill of a professional translator, said Dr. Muller, native of Switzerland.

He recommends to agencies that once the translator is chosen, he should be in charge of all translation a given campaign entails and that the agency should retain him as long as possible in order to get continuity necessary for a successful campaign.

Other recommendations to the agency include:

Free and frequent interaction among all persons involved in the translation, including client, account executive, personnel in foreign offices of agency and client and translator;

Lending all support and guidance to the translator including briefing on the campaign structure and the goals pursued, the audience, the product to be advertised and technical restrictions;

Accompaniment of translations by sufficient pretesting and posttesting; and

Samples of the audience should be used for testing the final copy in the target language.

Muller said he made the study and his report because there is no publication that deals exclusively and comprehensively

with the translation problems faced by an international advertising agency.

His report, he said, should benefit first and foremost the advertising agencies faced with the problem of translation, the translation within or outside the advertising agencies' organizations; and the client.

"It should help to avoid some of the common pitfalls and increase chances of creating meaningful messages to consumers living in other language environments," Muller said.

He prepared the report in partial fulfillment of the requirements for a master's degree.

Muller received the equivalent of a master of business administration degree in marketing from the University of St. Gall, Switzerland, in 1966 and a doctorate from the same institution in economics and business administration in 1969.

He came to Tech in January 1970 supported by a grant-in-aid from the Belding Fund for international students in marketing.

Muller expects to go to work soon for a Swiss firm with branches overseas and hopes eventually to become an international marketing consultant.

While at Tech working toward his master's degree he taught a course in international advertising. He speaks English, French and German (his native tongue) and has had training in Italian and Portuguese.

Dr. Muller has some advice for translators as well as agencies. He suggests they use paraphrased translation and to avoid literal translation since it "almost inevitably leads to a flat, hard-to-read style."

The most frequent errors in translation, he said, are failure to write on the language level of the audience, using an unnatural style, misuse of idioms and metaphors and a general failure to orient the copy towards the audience and its characteristics.

He recommends that careful attention be given to the literacy level of the audience and to language variations such as regional and local dialects. "Talking the buyer's language" may serve as a good guideline, he said.

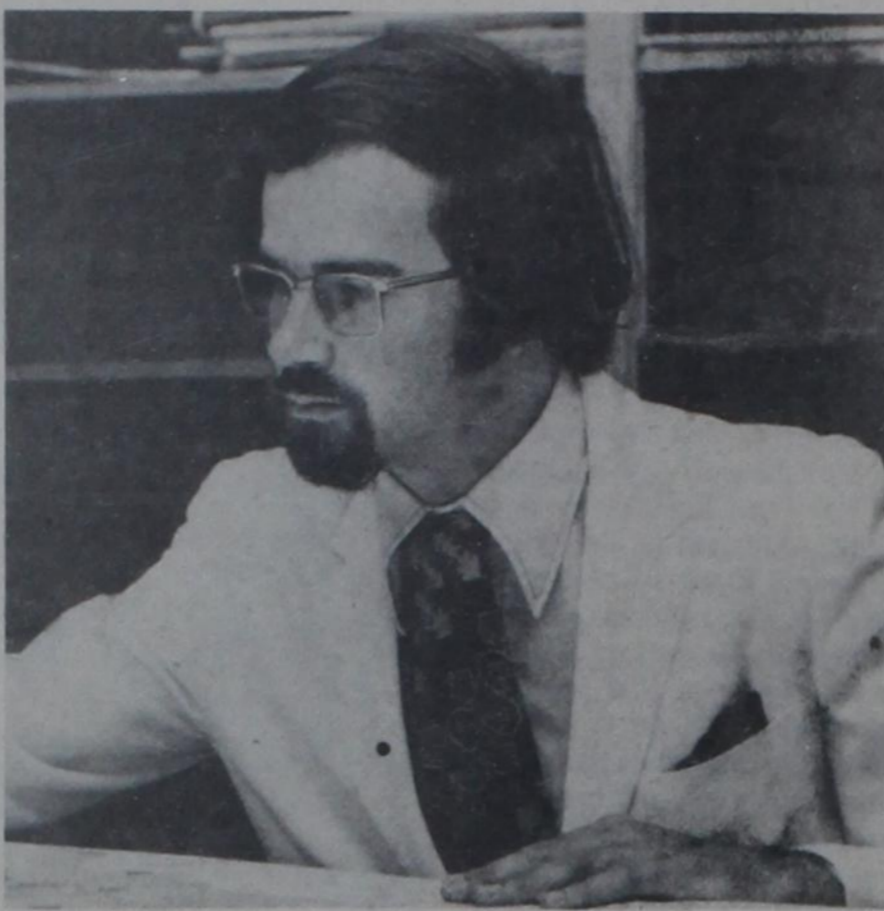
"The translator should follow meticulously the rules of grammar of the target language. He should know that the linguistic tolerance of foreign people is usually lower than that of the domestic American audience," the Tech teacher said.

Particular care, he said, should be given to translatability of idioms, metaphors, analogies, slang expressions and word plays.

Faithfulness to the original has to be subordinated to clarity in meaning for the reader.

It is the author's hope that the study "creates more awareness of the problem of translation, leads to a more intensive preoccupation with foreign language copy, and thus contributes to more effective international advertising campaigns."

Muller said more than 50 U.S. advertising agencies have branches overseas; and from all indications, the volume of international advertising, presently estimated at \$4 billion from U.S. advertisers alone, will continue to increase at a high growth rate.



DR. ANDREAS MULLER

University Center features 'Spencer's Mountain' today

Henry Fonda and Maureen O'Hair star in Warner Bros. "Spencer's Mountain" tonight at 8 in the Coronado Room of the University Center.

The film is the story of a dirt-poor family in a small community, told in an emotionally moving comedy-drama.

Three generations ago, Grandpa Zebelon had homesteaded Spencer's Mountain in Wyoming and left it to his heirs. Clay Spencer (Fonda), a quarry worker, lives at the foot of the mountain with his wife and nine children.

For years Fonda has promised his wife a dream

house atop the mountain, but for years poverty and problems have made it still a dream. Currently, the oldest boy, James MacArthur, graduating at the head of his high school class, the first Spencer to even graduate, forces his parents to make a sacrifice again to make this possible.

The story is simple and unsophisticated and full of the humor and pathos of the family's pursuit of the American dream.

Filmed in Grand Teton, Wyoming, color is by Technicolor and show time is 119 minutes.

Tech Placement Service hunts 500 summer jobs

Skills, willing hands and bright minds are available by the hundreds to Lubbock area residents looking for someone to do almost any summer job—from drafting to house painting, caring for children to driving a truck.

The Tech Placement Service said more than 500 students,

mostly men and some of them Vietnam veterans, are looking for jobs. Most want summer jobs, but many are looking for work which will continue on a part-time basis during the academic year. Some want permanent work.

Of the total, 150 women want summer or permanent jobs, and 75 men are looking for full time summer jobs.

THE FLICKS

By Casey Charness

THE ANDROMEDA STRAIN: Winchester.

Taut, top-level, and above all, credible, creditable science fiction, "The Andromeda Strain" is a fascinating yarn that never once spurs a credibility gap between itself and its audience.

Its director, Robert Wise, is well-versed in the genre. Before someone had the not-so-bright idea of loading him with musicals ("The Sound of Music" and "Star!"), Wise was a high-powered director of notable fantasy achievements.

Under forties horror king Val Lewton, he made the lyrical "Curse of the Cat People" and an eerie "Body Snatchers," then went on to direct the 1953 film classic "Day the Earth Stood Still," now regarded as prototype science fiction for its quality and intelligence.

"The Andromeda Strain" continues Wise's success in the genre. Its G rating belies its impact. It is an artfully achieved suspense vehicle concerning man's first contact with extraterrestrial life.

A tiny New Mexico town is wiped out by a plague stemming from a returning satellite contaminated with an outer space crystal that feeds on blood.

But this is no "Blob" flick. No bombs, death rays, slimy molds or saucers of dubious origin. Instead, it is a thoroughly scientific documentation of the race in a top secret desert lab to beat the crystal's growth.

The accent's on science (the best-selling book from which the movie has been faithfully adapted was written by an M.D.). And the effect is believability, right on down to the washed-out sterile color process that gives the movie its impersonal atmosphere.

ESCAPE FROM THE PLANET OF THE APES: Fox Twin 2.

"Escape" is a different kind of science fiction, the kind that borders on being sardonic table.

Who by now is not acquainted with the premise of "Planet of the Apes" and its sequel "Beneath"?

The two films dealt with a future Earth populated by intelligent primates who harbored humans as pets, setting up a situation not unlike "Animal Farm" in its reversal of roles with ironic effect and deceptive simplicity.

The latter film blew up the earth in 3955 A.D., but that did not deter Twentieth Century-Fox from making what seemed to be an impossible sequel. It rose to the challenge and produced this new movie that reversed the formula of the set of films while still keeping its tone.

Instead of our being thrust forward into the apes' world, they (meaning Roddy McDowell, Kim Hunter, and, briefly, Sal Mineo in John Chambers' Oscar-winning makeup) are thrown back into ours through a time warp. And the comparison between the two societies is implicit: man now is responsible for his later destruction.

What emerges is a comedy of manners without a penchant for easy lines like "Human see, human do." It turns into an adventure film in the last half, but the transition is smooth. A literate screenplay by Paul Dehn is the film's best feature, excepting, perhaps, Kim Hunter's twinkling eyes from which a coy wink is cause for belly laughter. It is not a cute movie, though. Those who have seen the other two movies will come prepared to get cynicism thrown at them full face.

WOMEN IN LOVE: Arnett Benson.

The best film in town, however, despite the preceding kind words for "Andromeda" and "Escape" is "Women in Love." It is not escapism, however well done. It is simply a gloriously intelligent movie that does honor to D. H. Lawrence, to the filmmaking

industry, to the integrity of its creator Ken Russell, and to the intelligence of its viewer.

"Women in Love" is an exercise in bitter lyricism. Lawrence wrote the novel during WWI, and the movie as well as the book is infused with the bitterness of seeing the perversity of man's will in full play.

The movie is a tour de force, and to call it less does it injustice. It is notorious for a fully nude fireside wrestling match between Alan Bates and Oliver Reed, but the beauty of this sequence obliterates rumor ("So THAT'S why it's rated R!"). The whole film is a melange of memorable sensuousness—rich, vibrant, scintillating sensuousness, backed up by cold-blooded reason and assaults upon the mind and senses that are too numerous to go into here.

Never once is there a slow moment. One could wax rapturously on Glenda Jackson alone, for she, dark horse of the Academy Award nominees, crept in with the greatest reserve, and the performance most deserving, and won.

I could fill this whole page on "Women in Love," but rave reviews are not enough. For this is its return to Lubbock. It played to tiny houses at the Lindsey last fall, and slunk out of town after a week. Don't let that happen to it this time. Reward it and yourself—take your brain to lunch, and feed it richly on "Women in Love."

Museum features Indian costumes

The Cordry Collection of Mexican Indian costumes on display at The Museum of Texas Tech University is attracting hundreds of visitors.

More than 2,000 visitors have been counted since the exhibition's preview opening on April 30. The displays will be open to the public through early September.

GIFTS

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as only Donegal does it. Easy. Bodyskimming. Comfortable. Fashioned to look like a cool million on and off the green. Donegal's patented Stande collar. Sits up and stays there. Full-fashioned construction in Donegal's own Coleseta® cool, crisp, non-cling blend of 73% textured acetate, 27% Fortrel® polyester. Naturally machine washable and dryable. Soft new shadings tracked with contrast. What a competitor!



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You'll want to order your new Red Raider Senior ring right away! You'll like the totally new look... the contemporary design of the Red Raider Ring. It retains the beauty of the original and a faithful reproduction of the Tech Seal... but it reflects your generation. You'll wear it with pride for the rest of your life. Order today!

The Baumgardners

Tech history includes family

"No history of the students of Tech would be complete without reference to the Baumgardners," wrote Ruth Horn Andrews, author of "The First Thirty Years"—a history of Texas Tech University.

The Baumgardners began carving out their niche in Tech's student history in 1939 when John Henry Baumgardner became the first of the eight children of Mr. and Mrs. J. B. Baumgardner of Wellington, Texas, to graduate from Tech. Now, that list of Tech exes includes many of their children as well, with others currently enrolled and more still to come.

Two of the Baumgardner brothers who helped establish this genuine family tradition as far as choice of college is concerned are still here, having become teachers at their alma mater. John, first of the Baumgardner graduates, is a professor in the Department of Animal Science, and Haynes is professor and chairman of the Department of Aerospace Studies. John commutes to Tech from his home near Plainview.

The first Baumgardners

chose to attend Tech, says Haynes, "because it was a new school, close to home and because it offered exactly what he wanted in the way of fields of study."

Although tradition has now become at least a part of it, their children are coming to Tech for much the same reasons. "Texas Tech has even more to offer now," says Haynes. "The younger generation of Baumgardners simply recognize that it is an outstanding university, and it's likely that many of them would choose to attend Tech regardless of any family tradition."

Nevertheless, that tradition is still there and even runs on both sides of the family with most of the Baumgardners married to Tech graduates.

John lived in the first campus dormitory and paid \$22 a month for rent while working on campus for 25 cents an hour. Forrest came next, graduating in 1940, and is now teaching high school math in Anderson, Missouri.

Haynes graduated in 1942, followed by Robert in 1947,

Marion in 1950 and David in 1954. Robert now farms at Brownfield, and David is farming the Baumgardner homeplace in Wellington. Marion is now an associate professor and director of the remote sensing laboratory at Purdue University.

Four of the boys majored in animal husbandry while Forrest concentrated in dairy manufacturing and Marion chose agronomy.

Two daughters were home economics majors. Barbara received her degree in 1950 in home economics education, and Priscilla graduated in 1956 with a major in home and family life.

All the Baumgardner girls who have come to Texas Tech since then have also chosen a home economics major, but the boys have yielded to the call of the technological age and are concentrating mostly in engineering.

"Although the student body at Tech has become vastly enlarged compared to when my brothers and sisters were enrolled here," says Haynes, "it has still retained that friendly type of atmosphere we knew in those days."

Reflecting on the student body both as teacher and student, Haynes says he has always been genuinely impressed by the willingness and desire of students at Tech to become involved.

"The students here always seem interested in real, meaningful involvements in all areas of campus and academic life," he explains, "and I believe this adds much to the progressive spirit of the university itself."

Haynes and his brothers can speak authoritatively about student involvement. John was president of the Aggie Club, and both Marion and Robert served as president of the Student Religious Council. Haynes was president of the Block and Bridle Club and vice president of the Student Council.

In 1948, when Tech's Aggie Memorial Auditorium was dedicated to the Aggies who had been killed during World War II, Marion was the one who spoke preceding the unveiling of

the dedicatory plaque.

Obviously, the Baumgardners—especially Haynes and John—have been in a position to view Tech's growth from a front row seat, and they both proclaim without reservation that the bulk of growth and change has been for the better.

"Tech has absolutely become one of the most prestigious institutions. I have seen or visited," says Haynes, whose duties have included trips to more than 100 of the top colleges and universities in the nation. "This is especially true in the area of academics, and I sincerely believe that Tech's academic curriculum has been raised over the years to compete with the very best in the country."

Haynes, who will be leaving Tech June 10 to assume new duties as director of operations at Air Force ROTC headquarters at Maxwell AFB, Alabama, is so dedicated to his belief in the top shelf stature of the academic program at Texas Tech that he specifically requested assignment to the university twice.

He returned first in 1948 as an assistant professor of aerospace studies and held the post until June 1952 when he was assigned to duties at the Pentagon. Interestingly enough, it was his brother John who replaced him.

John had been recalled to active duty as an Air Force reservist and left his post as an animal science instructor at Tech in 1951 for assignment at Reese AFB near Lubbock. In 1952 he came back to Tech as a replacement for Haynes and held down the post of assistant professor of aerospace studies until the summer of 1956 when he completed his service duty and returned to the Animal Science Department.

Haynes returned in June 1968. Now a full Colonel in the Air Force, his new assignment will place him in charge of planning, programming and general administrative guidance for all 173 Air Force ROTC units in the U.S.



Tech has become a "family affair" for Col. Haynes Baumgardner, left, his brother John and the other six children of the J. B. Baumgardner family of Wellington, Texas. All are Tech graduates. Haynes and John both returned to Tech—Haynes as professor of aerospace studies and John as professor of animal science. (Tech photo)

Family affair

Are they safe?

Women question contraceptives

STOCKHOLM, Sweden (AP)—Concerning contraceptives, women ask two main questions—does it work? Is it safe?

Scientists ask the same questions and add another—how and why does it work?—in order to produce more effective and safer birth control measures.

Today, scientists have a prime mystery trying to explain the mechanism of action of one highly effective contraceptive—the IUD or intrauterine device.

The IUD is a small piece of plastic or metal shaped like a coil, an S, or other geometric pattern. Inserted, painlessly, into the uterus it somehow prevents a woman's fertilized egg from becoming implanted in the lining or endometrium of the uterus or womb.

While the pill is 100 per cent effective if taken as directed,

the IUD can be accidentally expelled, and is not so absolute a contraceptive as the pill. But, once inserted successfully, it is safer physiologically since it is inert, while hormones in the pill may act upon a variety of body tissues as well as preventing conception.

The IUD does work well, however, specially a new one containing tiny amounts of copper.

But no one really knows why, says Dr. Egon Diczfalusy, director of the Reproductive Endocrinology Research Unit at the Karolinska Hospital here, and a scientist world renowned for research in human reproductive physiology.

One current research project, involving healthy young volunteers, is to learn exactly what changes occur in the endometrium during the full menstrual cycle in women using

a copper IUD, or using one type of contraceptive pill, compared with women not using either method.

Biopsies, or tissue specimens, are taken at intervals from the endometrium of the volunteers.

They receive a nominal payment for their participation. All are attending the outpatient clinic of the Department of Women's Diseases, Karolinska Hospital, or that of the Swedish Association for Sex Education.

Five freshmen receive Tech Ag scholarships

Five entering freshmen for the 1971 fall semester have been awarded \$100 scholarships by the Tech Agricultural Ex-Students Blood Association, according to Dr. W. F. Bennett, assistant dean of the College of Agricultural Sciences.

Scholarship recipients include: Ronnie Layne Hemphill of Star Rt. 2, Morton; Roland Jerome Kee Jr., of Rt. 2, Slaton; Roxanne Roff of 2537 Walsh,

Fort Worth; Michael Wayne Williams of Box 251, White Deer; and William Daniel Dowdle of 5323 38th St., Lubbock.

Tech is a multi-purpose university with eight academic divisions—the colleges of Arts and Sciences, Engineering, Business Administration, Home Economics, Agricultural Sciences and Education, the School of Law and the Graduate School.

Registration deadline set for teacher examination

Less than a week remains for prospective teachers who plan to take the National Teacher Examinations at Tech next Thursday, to submit their registrations for these tests to Educational Testing Service, Princeton, New Jersey.

Registrations for the examinations must be forwarded so as to reach the Princeton Office not later than June 24.

Bulletins of Information describing registration procedures and containing Registration Forms may be obtained from the Counseling Center, Room 205 or directly from the National Teacher Examinations, Educational Testing Service, Box 911, Princeton, New Jersey 08540.

At the one-day session a candidate may take the Common Examinations, which

include tests in Professional Education and General Education, and one of the twenty-one Teaching Area Examinations which are designed to evaluate his understanding of the subject matter and methods applicable to the area he may be assigned to teach.

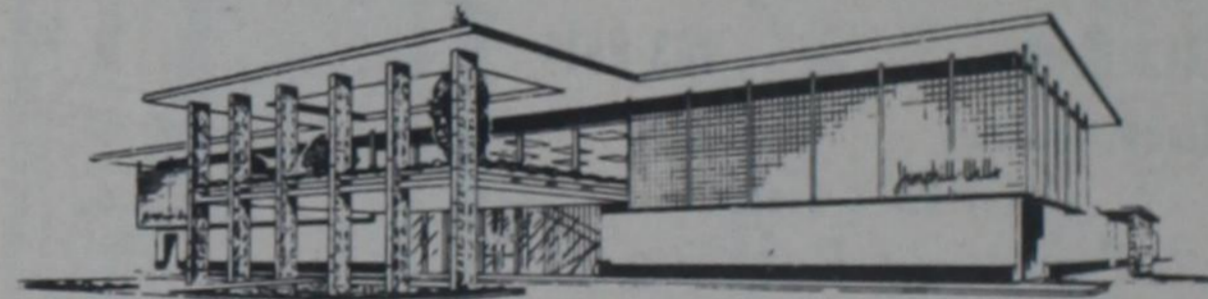
Each candidate will receive an Admission Ticket advising him of the exact location of the center to which he should report. Candidates for the Common Examinations will begin at 8:30 a.m. on July 17, and should finish at approximately 12:30 p.m.

The Teaching Area Examinations will begin at 1:30 p.m. and should finish at approximately 4:15 p.m., according to the time schedule for these examinations which has been set up by Educational Testing Service.



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Six weeks Package Deal for Summer Students. Single Apts. begin at \$25 and up per week. Double Apts. begin at \$30 and up per week. Refrigerated Air, Television & Telephone, Usual Hotel Services. PO2-4359

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MISCELLANEOUS

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Tutoring in French, Italian, Latin, Russian, Psychology, Statistics, English, GRE, SAT, Ed Fidel, 762-5998.

Tutoring for Freshmen, Sophomores, & Correspondence English - Call Casey Charness - 762-4102.

Future homemakers attend Tech leadership conference

More than 500 Future Homemakers from high school FHA chapters across the state will "tune in and turn on" to the need for developing communications skills here next Thursday and Friday during the annual officers' leadership conference sponsored by Tech's department of Home Economics Education.

"Communication in Leadership" is to be the theme of the conference under direction of Miss Virginia Tompkins and Miss Irene Gromatzky of the department faculty.

Student leaders will preside at general sessions, participate in the program and conduct group discussions highlighting the two-day conference which meets both days in the University Center on the Tech campus. All general sessions will be conducted in the University Center Ballroom.

Keynote speaker for the opening Thursday morning general session will be Dr. Hardy Clemons, pastor of the Second Baptist Church of Lubbock, who will urge conference participants to "Care and Communicate." Dr. Clemons will be introduced by presiding officer Marsha Cade, outgoing Area I president from Cooper Rural High School.

The first general session will begin at 10 a.m. Thursday and will be preceded by registration from 7 a.m. to 9:30 a.m. at the entry to the University Center Ballroom.

At the initial meeting, Area I president-elect Raquetta Mitchell of Coronado High

School in Lubbock will outline conference goals in her address on "We're Here Because." Home Economics Dean Willa Vaughn Tinsley and Dr. Camille Bell, chairman of the sponsoring department, will welcome the guests. Presiding officer Miss Cade will explain conference procedures following the keynote address.

Devotional for the opening general session will be given by Debbie Hobgood, incoming state corresponding secretary from Frensh High School. Informal segments of the program will be under direction of Paula Carroll, as outgoing state vice president from O'Donnell High School.

Miss Carroll will also preside at the afternoon session beginning at 3:30 p.m., and Dr. Clemons will moderate a panel discussion with small group leaders on "Sharing and Summing Up Our Ideas."

Group discussions are scheduled to get under way at 1:15 p.m.

Music department offers beginners course in piano

For those who have always wanted to play the piano but lack the necessary skills, Tech's department of music is offering a beginners course during the first summer session tailored especially to their needs.

The six-week course featuring the McClintock method of instruction for non-musicians will be taught by Miss Lorene

Opportunities for communication through art and music will be the theme of Thursday night's after-dinner program at the new Museum. After viewing art and costumes on display at the Museum, conferees will attend an open-air "Sundown Serenade" performed by the Hereford High School band.

Rick Hurt, attorney general of Tech Student Association, and Tech sophomore Vicki Davis, past state first vice president, will address the 10:30 a.m. concluding general session Friday, speaking on "Stepping Up Your Leadership For Tomorrow." Following will be a series of special recognitions conducted by Miss Davis, and the closing ceremony.

Initial registration for the conference will begin Wednesday at the Commons area of the Wiggins Complex, to be followed by orientation sessions for presiding officers, program participants, advisors, area consultants and group leaders.

McClintock of New York City, originator of the system and author of a three-volume manual used in the structured program.

This is the first time that such a course has been made available to non-music majors, said Dr. Thomas Mastroianni, head of the piano division at Tech. "It is unique in its approach to group teaching and offers a challenging opportunity to those who wish to learn piano for personal enjoyment."

By the end of the course, participants should be able to play simple melodies and chord accompaniments, he said.



Receives scholarship

Tech marketing major Bobby Ball of Slaton, center, receives the second annual \$500 Foley's scholarship in marketing and a summer traineeship at the Houston store. The presentation is made by Dr. Robert Amason, left, chairman of the department of marketing. At right is Dr. Louise Luchsinger, member of the selection team who chose Ball for the award.

Professor studies radio waves

Radio waves entering the ionosphere—particularly the lower part of it named the "D region"—can run into surprising difficulties, and a Tech professor is using an unusual method for finding some of the reasons why.

The ionosphere is that region of the earth's upper atmosphere which stretches from about 40 to 600 miles above ground. It overlays two other designated high altitudes areas—the stratosphere and the mesosphere. Within the ionosphere are an abundance of charged atoms called "ions"—atoms which have gained or lost an electron.

Changes in the ionosphere are of great importance to long

distance communication which relies on the ionosphere to bounce radio signals back to the earth. The changes can be abrupt or gradual, and they cause distortion and interruption of radio signals.

The ionospheric changes are often related to specific changes in the emission of radiation from the sun.

Electrical Engineering Prof. Thomas F. Trost, however, is interested especially in another possible factor—weather—and in particular, the weather in the stratosphere. Research he is undertaking calls for day to day and seasonal data collected from two separate sites, Tech and the worldwide headquarters of the Meteorological Rocket Network (MRN) at White Sands, N.M.

In Lubbock he is establishing a low frequency receiving station to monitor radiowave absorption in the D region on a continuous basis.

The data Dr. Trost obtains at the university will be correlated with weather data, temperatures and wind velocities, obtained for the stratosphere by the White Sands MRN station.

At White Sands, a rocket is launched almost daily to obtain

meteorological data to altitudes as high as 40 miles. The White Sands launch site is 270 miles southwest of Lubbock.

In this correlation, Dr. Trost is looking for the relation between the radio signal's interaction with the ionosphere and what scientists call cyclonic and planetary waves.

The "steering currents" for the smaller scale cyclonic waves which determine the earth's weather.

Meteorologists have long been aware of these currents, the cyclonic waves traveling in a circular motion, hundreds of miles in extent, are represented by lows and highs in weather readings. The planetary waves circle the entire globe in the upper troposphere and the stratosphere.

Trost's research is supported by a National Science Foundation Engineering Research Initiation Grant of \$16,000.

Each recipient has recently received the doctoral degree but has not previously received any substantial research support. The grants are made on a nationwide competitive basis.

Third grade class starts fund for Lincoln Memorial

AUSTIN (AP)—A third class at Reilly Elementary School is trying to save the Lincoln Memorial Monument from further deterioration.

When the students of Mrs. Betty L. Craig read a newspaper article headlined "Lincoln Memorial a Crumbling Ruin," they decided to collect money toward restoring

the monument. A Lincoln restoration fund was started.

The students designed a bulletin board with a replica of the Lincoln Memorial and the steps leading to its entrance. A caption read, "Take a step to save the Lincoln Memorial," and class contributions reached the 100 per cent mark.

With the teacher's help, the students drafted a letter to President Nixon telling him of their project and asking him to advise them where to send the contributions.

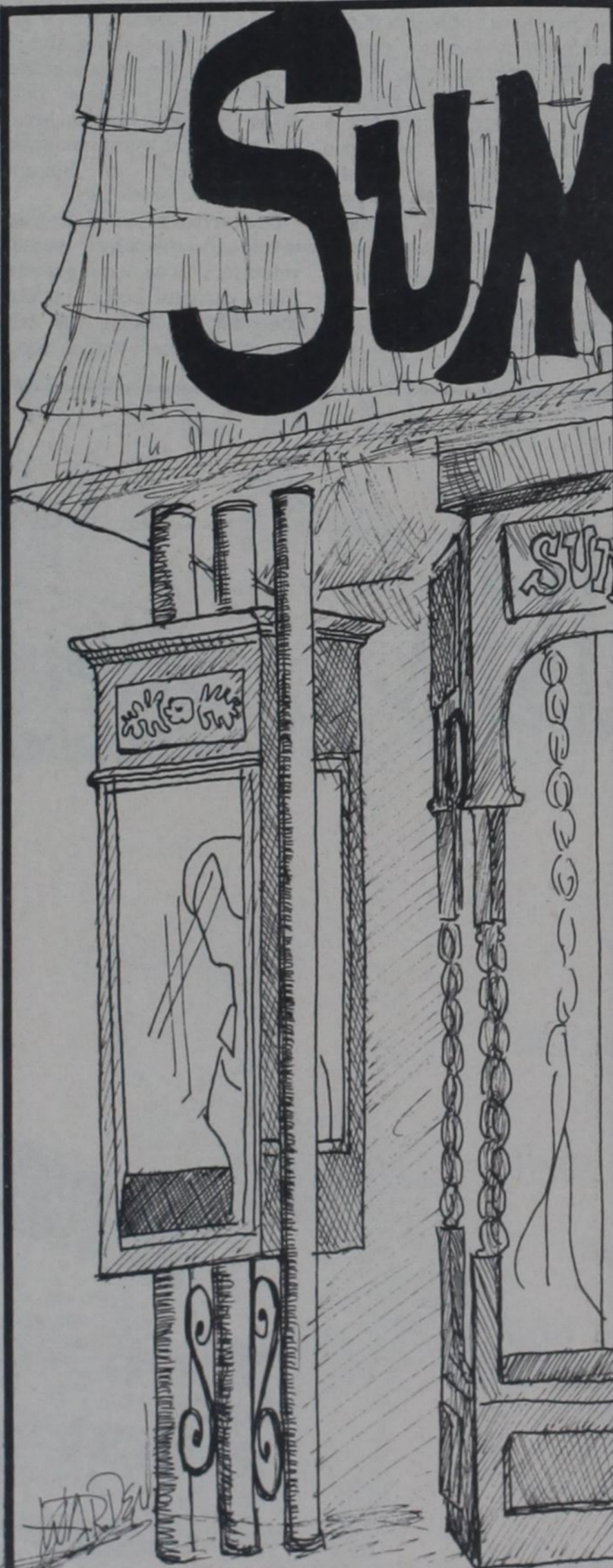
"It is, also, our hope that a nationwide campaign could be launched among school children of America to participate in such a campaign.

Future generations of America should be allowed to view the Lincoln Memorial as the designer and perfectionist, Henry Bacon, intended: For he spent a decade of his life to make the memorial to President Lincoln as perfect as possible," the letter reads.

Copies of the letter were sent to Texas Sens. John Tower and Lloyd Bentsen and Rep. J.J. Pickle, D-Tex.

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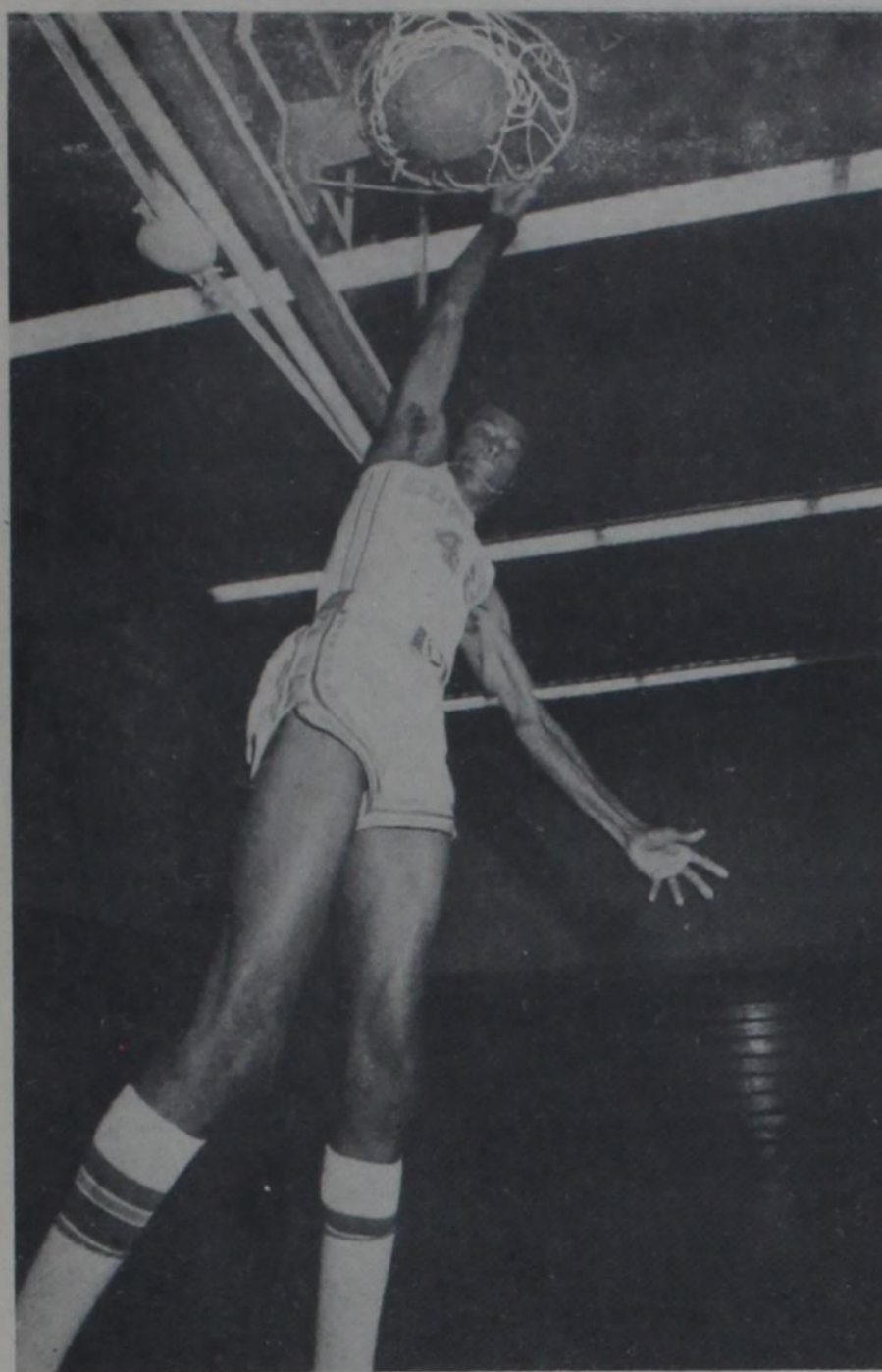
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RON RICHARDSON, a 6-10 postman from Compton Junior College, is the latest recruit signed by Texas Tech basketball coach Gerald Myers.

Red Raiders ink 6-10 Richardson to cage letter

Ron Richardson, a 6-10, 205-pound postman from Compton, California Junior College, has signed a basketball letter of intent with Tech, coach Gerald Myers announced earlier this week.

Richardson, whose team compiled a 57-3 record the past two years, will play on the post for Tech, Myers said. He averaged 14 points a game and 12 rebounds in the 1970-71 season.

IN HIS FRESHMAN year at Compton, Richardson paced his team to the state junior college championship with a 33-0 record. Last year Compton won its conference title with a 24-8 mark.

As a freshman, Richardson scored his career high of 26 points in the state championship game. He hit two free throws with 26 seconds remaining in the tilt to secure the cham-

pionship for Compton.

RICHARDSON was contacted by 40 other colleges and universities before he decided on Tech. Among the schools interested in his services were Jacksonville, San Diego State, Creighton and Washington.

Richardson is the fourth junior college player to sign with Tech. Previously inking with the Raiders were Ralph Palomar of Southern Idaho, Ed Wakefield of Eastern Oklahoma, and Steve Nycum of Cypress, California Junior College.

High school players who have signed with Tech are James Derkowski of Houston Spring Woods, William Johnson of Houston Yates, Kim McClintock of Dumas, Bryan Mauk of Fort Worth Southwest, Phil Bailey of Grand Prairie and Mark Davis of Lubbock High.

Football outlook

Carlen must rebuild line

If Coach Jim Carlen can rebuild a graduation-riddled defensive line and improve the aerial attack, the Red Raiders may be a factor in the 1971 conference chase.

Defensively speaking, tackle and end were the positions where losses took the biggest toll. Only one starter—big play man Bruce Dowdy—was lost at end; however, it became necessary to move another

starter at end to tackle and the problem was amplified.

BIG QUESTION marks loom at defensive tackle where only letterman Tim Schaffner returns and most of his playing time last year was logged at other positions. Davis Corley, who saw starting duty at defensive end last fall, has been shifted to defensive tackle and

must gain experience in his new position.

The offensive line, a question mark last season, should be improved.

The passing game has the ingredients to come to the front, but improvement is needed. Veteran quarterback Charles Napper returns along with quality receivers Johnny Odom, Ronnie Ross and Robbie Best. Odom led the team in receptions in 1970. Newcomers Jimmy Carmichael and Joe Barnes are competing for the number two quarterback job.

LA Dodgers draft Raider Pat McKean

Texas Tech southpaw pitcher Pat McKean was drafted in the second round of the Class A Division Tuesday by the Los Angeles Dodgers for their Bakersfield farm club.

This year McKean, an Amarillo Palo Duro product, appeared in four games, pitching 10 1-3 innings, allowing 13 hits, 15 runs—8 earned, walking 16 and fanning 10. He hit four batters and had four wild pitches, a 0-1 record and 7.20 ERA.

THE BIGGEST Red Raider plus will be the running game. All-Southwest Conference fullback Doug McCutchen is back along with tough-running Miles Langehennig and Johnny Kleintert. Newcomers James Mosley, Benjie Reed, John Garner, Stuart Tucker and possibly Joe Barnes, will give the Raiders plenty of backfield depth.

The Raiders should be in good shape in the defensive secondary with returning veterans Ken Perkins, Bruce Bushong, Marc Dove and Dale Rebold. Freshman products Kenneth Wallace and Danny Willis will provide depth.

The linebacking corps is in good shape with veterans Larry Molinare and Mike Watkins back for their senior season. Quintin Robinson and Tom Ryan will add some depth to the position.

Donald Rives is back at middle guard after a good sophomore year and he is solidly backed by George Herro, up from the freshman team.

The kicking game will find Johnny Odom back as the punter and Dicky Ingram on hand for punting and specialist duties. Newcomer Don Grimes is expected to push Ingram for the specialist role.

1971 good year for spring sports

Tech wound up its 1971 season in spring sports with a Southwest Conference champion in golf and the best showing ever by a Red Raider baseball team.

Tech's golfers, led by coach Butch Mitchell, won the conference championship with a season point total of 26½-9½. The Red Raiders 2½-point victory over second-place Arkansas gave Tech its second SWC golf championship, the first links title coming 1959.

THE TECH baseballers were in the thick of the conference race until they lost a crucial series to Texas A&M. However, the Raiders finished in third place in the SWC with the most wins by a Tech club in the history of the school. The Raiders finished with a 26-14 season record and an 11-7 slate in conference action.

Tech went into the April 16-17 series with the Aggies with only two losses marring its league record and a chance to grab a share of the conference lead.

However, the home team Agg edged the Raiders, 3-2 and 1-0 in the first day's doubleheader. The next day they finished the job with a 12-7 win and Tech was out of it.

THE RAIDERS ended the season with a three-game sweep of Texas Christian, a team that beat the Aggies three straight in Fort Worth, and clinched the third-place spot.

The 11 conference wins were the most ever by a Raider team and its 16-1 slate at home was the best in Tech history.

Ruben Garcia, the top Raider pitcher, tossed one no-hitter and three one-hitters to gain recognitions as one of the league's top moundsmen. Randy Walker, a senior centerfielder, was among the SWC's best hitters with .397 average. Walker and Barry Hoffpauir were two of the top base-stealers in the conference with 14 and 11 thefts, respectively.

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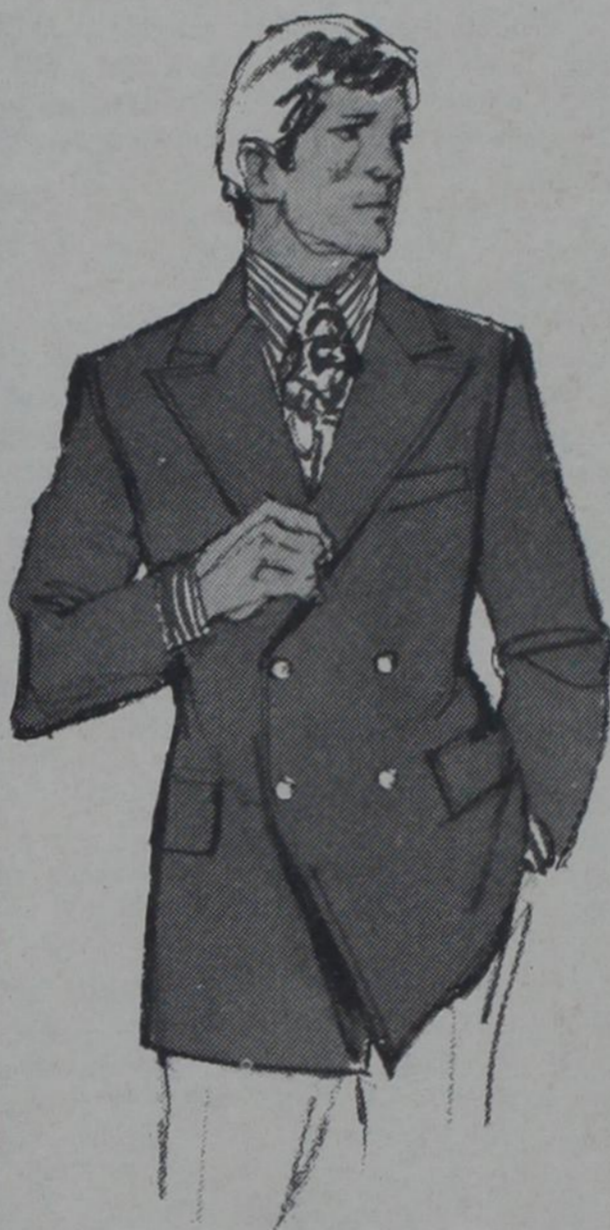
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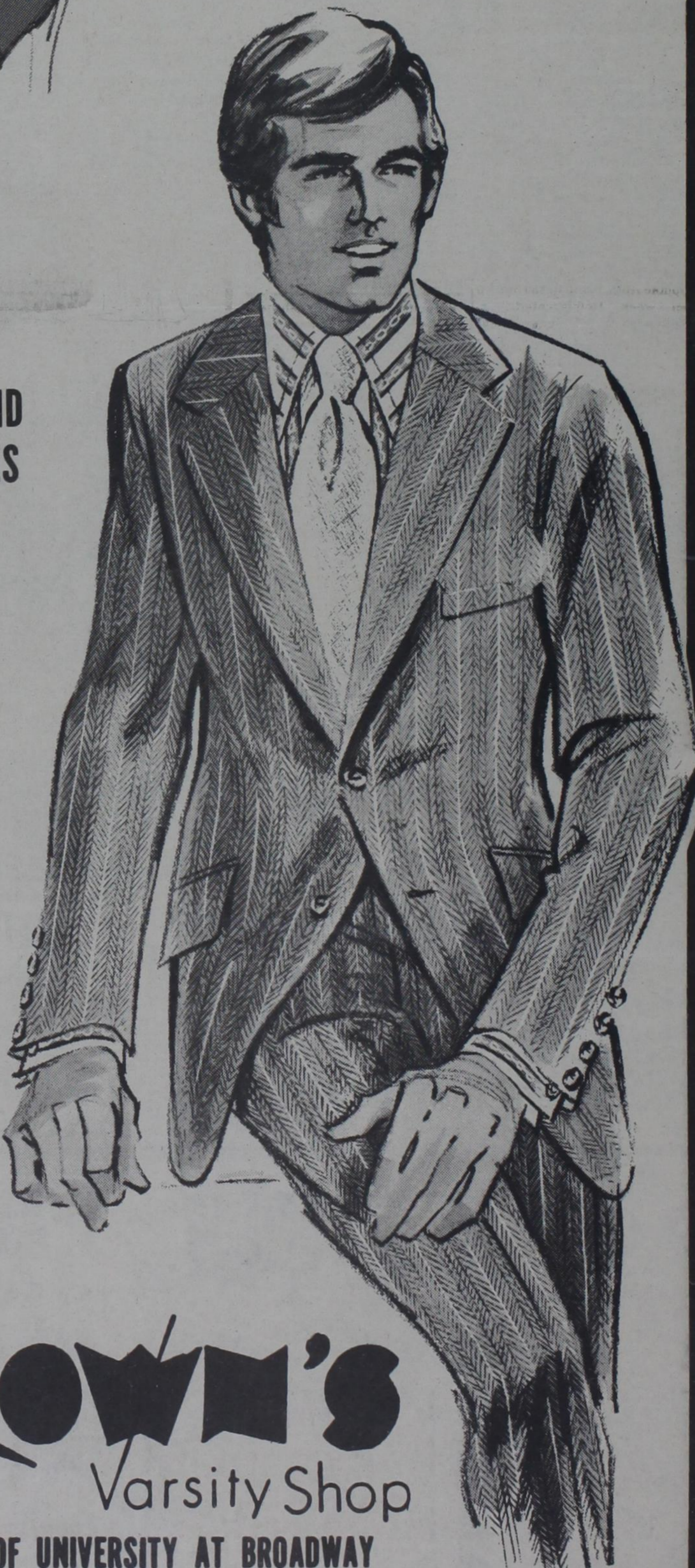
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AA rosters nearly filled

Stillwagon, Hunter lead new players

The best defensive lineman in the nation and another top-flight quarterback highlight the latest list of signees for the Coaches All-America game, scheduled June 26 in Jones Stadium.

Jim Stillwagon, Ohio State's two-time All-American middle guard and Alabama quarterback Scott Hunter have recently indicated they will play in the summer grid tilt. Stillwagon has officially accepted, but Hunter has not turned in his acceptance form yet. However, he has said he will play.

THE ADDITION of Stillwagon and Hunter bolsters the East squad, which already has a highly-rated quarterback in Rex Kern of Ohio State.

Other players announced earlier this week for the East squad are Ed Nicholas, offensive tackle from North Carolina State; Robert Pena, offensive guard from Massachusetts; Conway Hayman, offensive guard from Delaware and Jim Elders, a defensive back from Southern University.

The only addition to the West team was Bob Jacobs, a kicker from Wyoming. Both teams now have 29 players on the roster, one short of the 30-man limit.

STILLWAGON, who stands 6-0 and weighs 220-pounds, won the Outland Trophy in 1970, which goes to the best interior lineman in the nation. He is described as the best middle guard ever to play at Ohio State and perhaps one of the best collegians ever to play at that position.

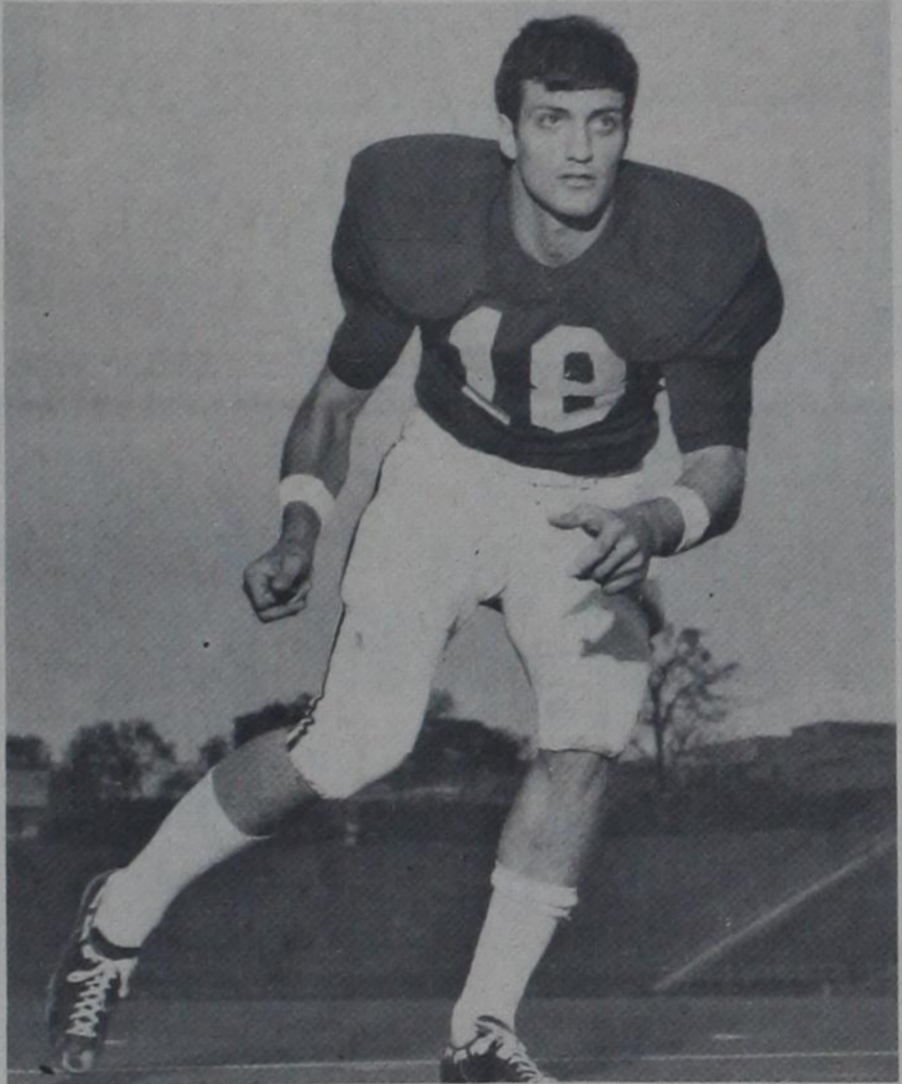
The rock in the Ohio State defense, Stillwagon led his team in tackling the opposition for a loss with nine tackles for a total loss of 36 yards. He also blocked two kicks and made or assisted in 92 tackles during the season.

Hunter, 6-2, 205, was drafted by the Green Bay Packers in the sixth round of the professional football draft. He is expected to share duty with Kern at the East helm.

Stillwagon was also drafted by Green Bay, in the fifth round.

THE WEST TEAM appears solid with Heisman Trophy winner Jim Plunkett and Southern Methodist ace Chuck Hixson at quarterback.

Another strong spot for the West will be the defensive line, where Southern California giants Charlie Weaver and Greg Slough will play. Weaver 6-2, 214) will team with Texas' Bill Atessis at defensive ends for the West, while Slough (6-3, 230) is set at linebacker.



ARKANSAS ACE pass defender Jerry Moore will do his thing for the West squad on Jones Stadium's Astroturf June 26 in the All-America game.



CHUCK HIXSON, SMU's premier passer for the past three years, will back up Jim Plunkett on the West in the Coaches All-America game.

All-America roster

(This is an up-to-date roster for the Coaches All-America game)

EAST SQUAD					
No.	Name	Pos.	Ht.	Wt.	School
10	Rex Kern	QB	6-0	182	Ohio State
11	Murry Bowden	LB	5-11	185	Dartmouth
12	Scott Hunter	QB	6-2	205	Alabama
15	Mickey Zofko	HB	6-2	195	Auburn
18	Buddy Lee	QB	6-4	205	LSU
21	Charles Hall	DB	6-1	200	Pittsburgh
23	Jim Elders	DB	5-10	180	Southern
26	Jim Livesey	OF	6-4	193	Richmond
30	Eul Staroba	SE	6-3	205	Michigan
32	Rick Kingrea	LB	6-1	235	Tulane
35	Ronnie Hornsby	LB	6-3	235	Southeastern Louisiana
40	Joe Profit	HB	6-0	206	Northeast Louisiana
41	Wes Chesson	F1	6-2	190	Duke
42	Tim Kelly	LB	6-1	225	Notre Dame
51	Tom Beard	C	6-6	260	Michigan State
52	Wimpy Winther	C	6-5	255	Mississippi
60	Richard Harris	DE-DT	6-5	265	Grambling
65	Conway Hayman	OG	6-3	250	Delaware
67	Robert Pena	OG	6-3	250	Massachusetts
68	Jim Stillwagon	MG	6-0	225	Ohio State
72	Dan Dierdorf	OT	6-4	240	Michigan
73	John Rodman	OT	6-3	245	Northwestern
74	Dave Roller	DT	6-2	240	Kentucky
75	John Tanner	LB	6-5	235	Tennessee Tech
76	Ed Nicholas	OT	6-4	240	North Carolina State
77	Mike Walker	DT	6-5	230	Tulane
78	Dave Hardt	DE	6-4	232	Kentucky
86	Rick Telander	OE	6-2	192	Northwestern
88	John Andrews	OE	6-3	224	Indiana

WEST SQUAD					
No.	Name	Pos.	Ht.	Wt.	School
10	Chuck Hixson	QB	6-2	186	SMU
16	Jim Plunkett	QB	6-3	210	Stanford
17	Isaac Thomas	DB	6-3	190	Bishop College
18	Jerry Moore	DB	6-3	198	Arkansas
20	Chuck Dicus	F1	6-0	175	Arkansas
21	J. D. Hill	OE	6-1	197	Arizona State
22	Ernie Jennings	F1	6-0	170	Air Force
25	Leonard Dumlup	DB	6-1	182	North Texas State
26	Clarence Scott	DB	6-1	180	Kansas State
31	Joe Orduna	HB	6-0	196	Nebraska
32	Bo Carroll	FB	6-1	217	Washington
38	Leon Burns	HB	6-1	228	Calif. State-Long Beach
42	Jerry Murtaugh	LB	6-3	212	Nebraska
50	Bobby Wuensch	OT	6-3	225	Texas
52	Bruce Jarvis	C	6-7	245	Washington
53	Greg Slough	LB	6-3	230	Southern California
63	Craig Hanneman	DT	6-3	240	Oregon State
69	Rocky Wallace	DT	6-4	220	Missouri
70	Bob Richards	OT	6-2	250	California-Berkeley
72	Willie Parker	C	6-3	245	North Texas State
75	Bob Newton	OT	6-4	248	Nebraska
76	Dave Tipton	DT	6-6	234	Stanford
77	Bill Atessis	DE	6-3	260	Texas
78	Tim Oesterling	DT	6-4	262	UCLA
79	Ernie Janet	OG	6-4	241	Washington
84	Charlie Weaver	DE	6-2	214	Southern California
85	Otto Stowe	OE	6-2	185	Iowa State
86	Bob Moore	OE	6-3	221	Stanford
90	Bob Jacobs	K	6-0	179	Wyoming

SPORTS SHORTS

The biggest man on Texas Tech's team this fall will be offensive tackle Jerry Ryan (6-5, 253). He is the only man on the roster weighing 250 or over. The biggest neck belongs to Ryan and Mike Henthorn, both with size 19's. Smallest man on the squad is Mighty Mite John Kleinert, who stands 5-7 and weighs 170.

Folks in Bronte, Tex. have things in common. Texas Tech footballers Doug McCutchen and Davis Corley, both from Bronte, list as their favorite foods steak and strawberry shortcake.



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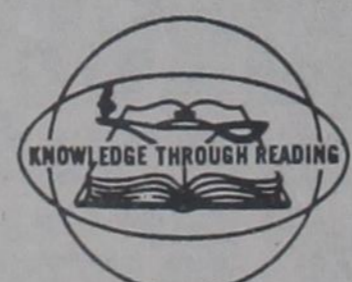
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