

Grade inflation a national, Tech problem

EDITORS NOTE: This story is the first in a three-part series on grade inflation and grading trends at Tech.
By **BABS GREYHOSKY**
UD Reporter

Prices are not the only things getting higher these days.

Along with spiraling costs have come spiraling grades or, as it is familiarly known by academicians, grade inflation.

THE NEW euphemism, termed by one Tech professor as the "greatest student rip-off," means higher grades for the same or less academic work.

According to surveys and reports, grade inflation is a national trend. According to research done at Tech, this university is apparently part of that trend.

A partial analysis of the grading

trends at Tech was made last spring by Dr. Fred Rigby, professor of math, computer science and statistics. The enterprise was undertaken to investigate the question: What is Tech's version of grade inflation?

RIGBY USED the cumulative grade point averages (GPAs) of the fall semesters of each year from 1965-1975.

The report indicated that during the 10-year time span, averages rose by nearly a half a grade point, "a rather spectacular growth," according to Rigby.

The rise was fairly consistent, though there was a pause in 1970, which might be attributed to changes in the data processing system.

IN 1965, GPAs were about 2.1. In 1975, GPAs had risen to 2.6.

In the report Rigby pointed out that

"the use of cumulative grade point averages over each student's university career tends to smooth out some of the variability which must really be present, and in particular, to damp out some trend effects when they are consistent."

The figures concerning the rise of undergraduates' grades may underestimate grade inflation at Tech, writes Rigby, adding that this suspicion cannot be confirmed or denied because the data which is available has the cumulative property.

IN A BREAKDOWN of colleges, the report showed Arts and Sciences had a growth rate of .042 grade points, Agricultural Sciences had a growth rate of .043, Business Administration had a growth rate of .050, Education had a growth rate of .033, Engineering

had a growth rate of .054 and Home Economics had a growth rate of .028.

Cumulative grade point averages by classification were also included in the report. These figures, from 1970 to 1975, indicate more advanced students get higher grades. Senior GPAs rose from 2.55 to 2.78 while freshman GPAs remained fairly consistent, between 2.17 to 2.23.

The major difference, the report shows, is the difference accrued between freshmen and seniors over a five-year period. In 1970, the difference between freshmen and senior GPAs was nearly three-tenths of a grade point. By 1975, the difference had risen to five-tenths of a grade point.

ALTHOUGH RIGBY did not offer personal speculation as to the causes for the increases, the report reflects

some collective thoughts by university personnel toward the grade trends.

"The immediate suggestion," according to the report, "is that the quality of instruction at the university has been improving—very rapidly in the last five years."

The report adds, however, that while the teaching quality could be improving, could it be improving that rapidly?

IN ADDITION TO the Rigby analysis, the Office of Instructional Research at Tech has released a report of Tech grades from 1961 to 1972, which also indicates an increase in higher grades.

Instructional Research Director Owen Caskey indicated in the report, however, the "gradual increase in

grade point averages during the past decade cannot be used as verification of easier grading practices on the part of the instructors."

Instead, factors such as advances in the academic preparation of entering freshmen, more strict enforcement of academic retention standards and higher academic achievement of transfer students are listed as highly positive academic indicators for the higher grades.

ACCORDING TO the Caskey report, there was an indication, when comparing grade distributions of academic year 1972 to those of five years past (1967), there were higher percentages of students achieving in the higher grade point average range.

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SIX PAGES

Hardwick submits draft for admission standards

By **KIM COBB**

UD Reporter

Academic Vice President Charles Hardwick submitted a draft for proposed admissions standards at Tech to a Tuesday meeting of the Academic Council.

Hardwick asked council members to study the draft and take it to advisory members within their departments for consideration. Hardwick emphasized that the draft is only a proposal and in no way indicates a set course of action for the immediate future.

"**I'VE DEVELOPED** a draft proposal of cut-off scores for entering students and will have the deans look at it," Hardwick said. "There's nothing firm about it at this time," he said. "It's up for study," he said.

The draft suggests that minimum entrance scores on Scholastic Aptitude Tests (S.A.T.) and American College Testing Programs (A.C.T.) exams be required for Tech applicants. Entrance requirements would be determined by several factors, including a student's performance in high school.

Under the proposed policy, students graduating in the upper 25 per cent

of their high school class could be admitted to the university with no minimum S.A.T. or A.C.T. scores. Students graduating in the second 25 per cent of their class would be required to make a score of 800 on the S.A.T. and 19 on the A.C.T. for unconditional admission.

STUDENTS GRADUATING in the third 25 per cent of their high school class would be required to make an S.A.T. score of 900 and an A.C.T. score

of 21 to be admitted unconditionally. Those students graduating in the last 25 per cent of their high school class would be required to achieve a minimum score of 1000 on the S.A.T. and 23 on the A.C.T. for unconditional admission under the proposed policy.

Students who could not meet the minimum entrance scores would not be denied admission to the university under such a policy, Hardwick said.

Provisional admission would allow

students to enter the university during the summer session under conditions that they meet certain grade requirements, Hardwick said. They could also be admitted for the fall and spring semester, provided they study under a limited course load and enroll in special study programs.

"**THE SCORES ARE** designed to predict how well a student will do in college," Hardwick said of the S.A.T. and A.C.T. tests.

Class action suit filed against liquor retailers

By **RONNIE BOBBITT**

UD Reporter

A class action suit involving alleged price-fixing by various liquor dealers on Lubbock's "Strip" was filed Monday in the clerk's office of the U.S. District Court.

The suit, filed by former Tech law student David Greenhaw, accuses the defendants in the case of violating the antitrust laws of the United States.

GREENHAW HAS named the Lubbock County Beverage Association, Cecil's, Cross Keys Package Store,

Pinkies, and the All Star Company as defendants in the case.

Attorneys for Greenhaw stated in the filing that Greenhaw's interests "are similar to and are not adverse to the interest of the members of the class and his damage as an individual is based upon issues of law and fact common to the class members."

In speaking of the "class members," the attorneys referred to all other people that had dealings with the named defendants.

THE SUIT ALLEGES that beginning sometime around March, 1967 and continuing until sometime prior to December, 1974, the defendants named engaged in a conspiracy to raise, fix, stabilize, and maintain the prices being charged to customers for alcoholic beverages.

"Effects of this conspiracy," said Greenhaw, "were a suppressing of competition among alcoholic beverage retailers, a stabilization of prices for these beverages at a non-competitive level, and that customers of these stores have been deprived of the opportunity to purchase alcoholic beverages at competitive prices."

Greenhaw said he had no knowledge of the conspiracy until after the return of criminal indictments against each of the defendants by the United States in October.

The amount of money customers lost during this period of time by having to pay these fixed prices could amount to over \$6 million, Greenhaw said.

"**IN A CLASS** action suit, if the charges are found to be valid, the plaintiff can collect up to three times the amount that damages or losses incurred equal to," said Greenhaw.

"The maximum amount that could be collected in this case is approximately \$20 million dollars."

Classification of the suit as a class action suit must be decided by the judge of the U.S. District court. As of yet, a date for review of the case has not been set.

Greenhaw has requested a jury for the case. He said he hopes the court will require the defendants named to pay the maximum amount of damages, including attorney's fees.

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Up and over

Hotdogging in Lubbock? Yes, it can be done with special equipment and a little expertise. This display of talent was part of a sliding exhibit sponsored by the University Center Programs Council. (Photo by Paul Moseley)

Riley calls for recount

Gary C. Riley, candidate for Lubbock County Commissioner Precinct 1, Tuesday called for a recount of the election results after the County Commission canvass found Edgar Chance the winner with 11,802 votes to Riley's 11,458 votes.

Riley filed his application for a recount along with the required \$180 deposit. County Judge Rodrick Shaw is expected to select three people to recount the votes next week.

The commission voted 3 to 1 to accept the votes as tallied in precinct 9 even though four tally sheets and approximately 200 ballots were not included in the canvass.

"Since the tally was missing we had to reduce the votes recorded by almost 400 votes," Shaw said. "The two errors

accounted for losing somewhere between 500 and 1,000 votes."

In precinct 9, 130 to 250 ballots were not recorded because the precinct judge overlooked them when tallying and gathering the ballots.

The commission found the rest of the election results basically the same according to Shaw.

According to the election code if the candidates are within five per cent of each other, a recount must be given if demanded by a candidate.

Shaw said the \$180 deposit will be kept to defray the cost of recounting the votes should the outcome not be changed in the recount. If the outcome is changed, the \$180 will be refunded to Riley.

Riley was not available for comment.

Exec Committee meeting set

Recent Texas Coordinating Board actions will be discussed today as the Executive Committee of the Faculty Council meets at 3:30 p.m. in the Board of Regents room.

Committee members will formally support resolutions made in the Oct. 28 Faculty Council meeting and will send letters to various administrators and faculty members. The Faculty Council, following the lead of the Executive Committee, passed the six resolutions for a proposed pass-fail system introduced by Dr. Arnold Gully's ad hoc committee.

Final approval of the policy rests with Tech President Cecil Mackey, who has referred the decision to the office of Academic Vice President Dr. Charles Hardwick. Hardwick has indicated he is waiting for a conference with Mackey to make his recommendation.

Dr. Clarence Bell will present a report of progress on the proposed charter revision of the Faculty Council. Charter revision has been under con-

sideration for some time, but is being speeded up to comply with Mackey's request that someone other than the president of the university act as chairman of the Faculty Council. He stated it was not beneficial for the group to rely on the university's president to lead their meetings.

"I don't think it's helpful for me to be here," Mackey said at the fall Faculty Council meeting. "I think it's undesirable and inappropriate for the president of a university to chair its chief faculty organization," he said. "I would prefer finding, as quickly as possible, an alternative to this situation," Mackey said.

Dr. Otto Nelson will present a resolution to the group regarding student advising. A review of the Faculty Council committee structure is also included on the agenda.

RHA eyeing dorm cable TV

By **SUSAN HAMPTON**

UD Reporter

Possibilities of cable television outlets in each Tech dorm room may result in an increase in room and board rates for dorm residents next year.

According to Don Hase, Residence Halls Association (RHA) vice-president for men, Tech dorm residents may see the addition of cable television and Home Box Office (HBO) to their rooms next year. However, because of a charge of \$2 per month to each student living in the dorms, rates on room and board will be increased, according to Bill Haynes, manager of residence halls operations.

BEFORE FINAL AGREEMENTS can be made on the installation procedures, approval for cable television for dorm rooms must go through several sources, Haynes said. Beginning this week, dorm residents will vote on whether they would like to see this addition.

In the dorms, either the hall council, consisting of the dorm officers, or the entire dorm as a group (depending on the preference of the individual dorm) will cast their votes for the cable television installation, Hase said. RHA

representatives from each dorm will then take the final tally of their dorms to the RHA meeting.

Hase said RHA will vote on the possible cable television installation for dorm rooms within the semester.

AFTER THE VOTE IS taken in the RHA council meeting, their decision will be taken to the Housing Office. The final vote of approval, however, must come from the Board of Regents, Haynes said.

Two years ago a vote on cable television was put before dorm residents at Tech, Haynes said. The proposal on cable television was denied.

If final approval of the proposed cable television for dorms is given, dorm residents will be charged for the services whether they own televisions or not, according to Karl Slatner, sales manager of Lubbock Cable T.V., the company proposing the cable television services for Tech.

SLATNER SAID the cost estimated for the actual installation of the cable would be from \$125,000 to \$150,000. Lubbock Cable T.V. would pay for the installation, with no charge to the university, if the company receives the

\$2 monthly charge from each dorm resident on campus, Slatner added.

Lubbock Cable T.V. wants no less than a five-year contract with Tech, he said.

A possible option available to any dorm resident after the cable installation would be Home Box Office (HBO), a New York City based company which allows cable television recipients to view new, uncut movies on their sets, Slatner said.

Lubbock Cable T.V. is an affiliate of HBO and is able to contract its services to Lubbock residents and Tech residents if cable installation is approved, he said.

HBO WOULD be contracted to the Tech resident wanting the services on an individual basis, charging the usual off-campus rate of \$8 per month, he said. An installation fee for HBO would also be charged to the resident requesting the service.

The \$2 charge for the cable television services is pro-rated, Slatner said, because of the decrease in dorm residents during the summer months at Tech.

Original Smokey Bear dies but advice lives on

WASHINGTON (AP) — The original Smokey Bear, a symbol of forest fire prevention for 25 years, died Tuesday at the National Zoo of infirmities and old age.

His age was the equivalent of more than 70 years in human terms.

AS PROVIDED BY Congress, Smokey's remains were being shipped Tuesday back to his original forest home in New Mexico. He will be buried at Smokey Bear Historical State Park near Capitan, N.M., within sight of Capitan Mountain where he was found in 1950.

Officials said a short burial ceremony is being planned by the New Mexico State Park Com-

mission.

In 1974, with the bear suffering from arthritis and other ailments, Congress approved a resolution authorizing Smokey upon death to be returned to New Mexico "for proper disposition and a permanent memorial."

ONE VERSION OF the resolution as it was considered in the House referred to Smokey one day passing on to a "great honey tree in the sky." But this was considered a bit irreverent for such a noble creature and the honey tree line was omitted in the final version.

Smokey officially retired as the nation's forest fire prevention

symbol in May 1975 and was replaced by another bear, now called Smokey.

But for 25 years after he was found as a badly burned cub after a fire in New Mexico's Lincoln National Forest, the old Smokey was top bear for a generation of children and adults who came to recognize his familiar hat and bulky figure as the symbol of fire prevention.

SMOKEY WAS a prime attraction at the National Zoo but was not the run-of-the-mill bear. His keeper said Smokey was more of an executive type and was not a bear to beg for tidbits and food from tourists.

As a cub, Smokey was rescued by

firefighters in 1950 as the severely burned animal clung to a charred tree. After treatment and recovery, Smokey was flown to Washington, D.C. and in June 1950 was officially designated as a living symbol of forest fire prevention.

In 1962, a young female named Goldie was provided Smokey in hopes they would produce an offspring and bear heir.

But Smokey and Goldie, now a bear age of 15, maintained a cool relationship so in 1971 another cub from New Mexico was selected as their foster offspring. It was this bear, now about 6, which became the new Smokey last year.

Correction

Cisco Sound of Lubbock did not provide the sound equipment for the Foghat concert Friday night in the Lubbock Coliseum, as reported in The University Daily Monday.

Sound equipment was provided by Midwest Sound Productions, an Ohio based firm.

It was also reported that Cisco Sound had earlier provided sound for the campus visit of President Gerald Ford. Actually, Cisco provided sound only for a \$500-per-couple fund raising event during Ford's visit, and not for Ford's speech in the coliseum.

Debbi Whitney

Secret ballots not so secretive

If Roswell, New Mexico (population 32,000) can have voting machines, why can't Lubbock?

In our so-called democratic society in the land of the free and home of the brave, every Tom, Dick and Harry in Lubbock can tell exactly who you vote for, whether you want them to or not.

County Commissioner Max Arrants said the commissioners have not voted on purchasing voting machines for Lubbock, but said the issue has never been brought up before the commissioners.

ARRANTS SAID he feels the issue will come up in the near future, and he would like the issue to be voted on by public referendum. He said if the public wants voting machines, he would be all for them.

On the other hand, Commissioner Arch Lamb said he is strongly against the machines or a punch card device. Lamb added that he will be leaving office in 56 days, though, and feels those commissioners who are for the machines should continue their fight.

Lamb said he does not feel machines are the solution to a perfect election, and vote manipulation by machine occurs more frequently than if a person physically counts votes.

LAMB FEELS having a "solid American citizen" count ballots is a much more efficient way to prevent fraudulent voting and ballot stuffing.

Lamb fails to mention, though, that all the gull next to you at the polling table has to do is roll his beady little eyes in the direction of your ballot to see which candidates you choose.

The polling place where I voted was about as private as Jones Stadium. I even asked the girl next to me if I could copy her ballot.

According to other reports I've heard, I was lucky to get away from voting without being given a campaign speech right there at the table.

WITH ALL THE irregularities that have occurred during the election, I would think someone would realize that voting procedure in Lubbock is past due for a change.

Also, if Tom, Dick and Harry don't run around all over Lubbock telling everyone who you voted for, signing your name to the corner of your ballot will.

THE CORNER, which you tear off and sign, is placed in one box while your ballot is placed in another, right? In case you didn't notice, the corner has the same number printed on it as your

ballot does, so all a person has to do is match the ballot with your name.

The box in which the corners are placed (similar to Pandora's, I believe) is never to be opened unless by special order of the district judge.

Lamb said the reason for signing your name to the ballot is to allow for rechecking voters and

Melissa Griggs

The days of wine and advertising

At a National Collegiate Press convention in Chicago last week, there were many discussions over wine.

Actually, campus editors from around the country were not drinking wine, but arguing about wine advertising. The mention of E. & J. Gallo Winery ads in campus newspapers was sure to spark a discussion at the convention, whether you had been drinking or not.

Campus newspapers, mostly in California, have banned Gallo ads because of the wine company's dispute with the United Farm Workers (UFW).

The University of California at Berkeley, the University of California at Los Angeles (UCLA) and California State University in Sacramento have refused to carry the ads. Gallo ads have also been banned at Duke, Harvard, Princeton and other universities outside California.

Other campus papers have run the ads, sometimes in the face of threats of violence by campus supporters of the farm workers' cause. Last spring, newspapers were stolen or destroyed at the University of California Riverside, Cal State in Hayward, Cal State in Sacramento, San Diego State and other campuses.

The trouble began last winter when Gallo launched an advertising campaign in 16 papers in California. The campaign immediately encountered opposition from campus supporters of the UFW, who have urged a national boycott of Gallo products ever since the winery, largest in the U.S., signed a contract with the Teamsters Union in 1973.

EDITORS ARE sharply divided on the issue of whether or not to run the ads. Both sides seem to use the First Amendment free speech and free press guarantees to make their arguments.

Those who continue to run the Gallo ads say the advertiser who has paid for his space has the right to make his views known. Those editors who chose not to run the ads say they have the Constitutional right to print what they want, including advertising, in their papers.

"After a great deal of controversy, the editorial board decided to continue to run Gallo ads based on First Amendment grounds," said Doug Amdur, editor of the Daily Nexus at UC Santa Barbara. "We thought we would be censoring and interfering with free speech if we didn't run them."

THE HARVARD Crimson decided not to run the wine ads. "There was a sense of conflicting rights," said editor Jim Kaplan. "The man from

votes in the case of illegal procedures.

But, Lamb said, the law requires the ballot corners and ballots to be retained for a certain period of time following the election. God only knows where all those little boxes holding everyone's ballots go during that period of time.

I'M SURE THE district judge wouldn't order the boxes opened unless he had due cause, but for

all we know, little elfin figures may be staying up into the wee hours of the morning matching up names and ballots.

It really is a shame that this voting mess hasn't been straightened out before now. Maybe with some pressure Lubbock citizens will actually have secret balloting by 1980.

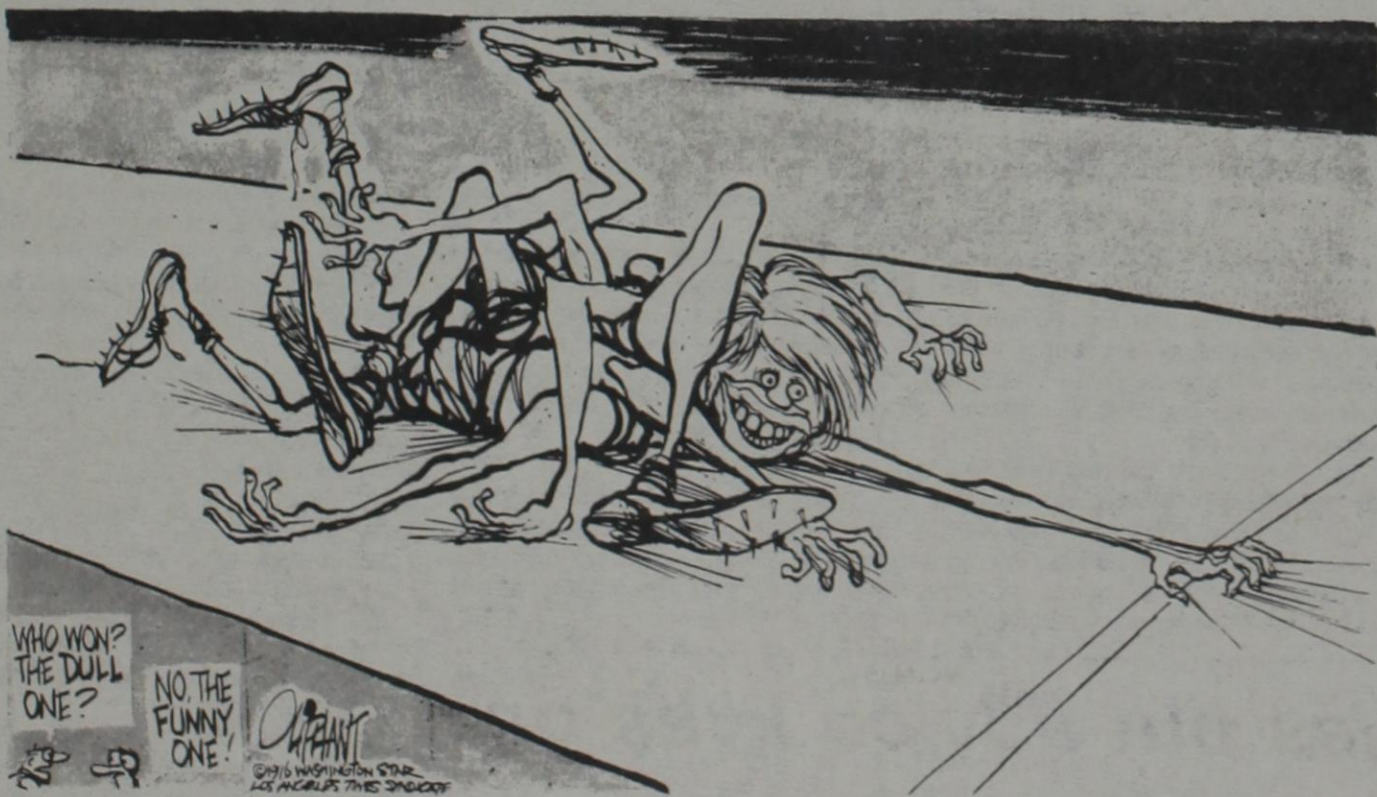


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"It's this newspaper's business to raise constructive hell."
 Editor Melissa Griggs
 Managing Editor George Johnston
 News Editor Ira Perry
 Sports Editor Kirk Dooley
 Fine Arts Editor Johnny Holmes
 Copy Editor Terry Gann



DOONESBURY

by Garry Trudeau



Tom Wicker

A divided country



(c) 1976 N.Y. Times News Service

NEW YORK — President-elect Jimmy Carter's victory appears to have been won by narrow margins in almost every state he carried outside the South. Like John Kennedy in 1960, he apparently won fewer states than his opponent in putting together his slender electoral majority; but his election is no less decisive for that, although it remains to be seen whether Carter's narrow margin will inhibit his conduct in office, as happened with Kennedy.

The closeness of the outcome may also tend to confirm the prevailing myth of the 1976 election that Carter "blew" a 30-point lead over Gerald Ford. In fact, no one even remotely familiar with American politics could have believed that Carter ever had such a lead to blow, although he was given spreads of that magnitude in polls taken at about the time of the Democratic convention. They were misleading in at least three ways.

AT THAT TIME, Carter did not even have an opponent, since Ford and Ronald Reagan were still fighting it out for the Republican nomination. Matched against either one of them, the Georgian's theoretical lead was bound to be an incumbent President, the shrinking effect was magnified. Finally, the big leads reported last summer left out of account the fact that there was still a campaign to be waged, with all its possibilities for error and advantage. Looked at in that more realistic fashion, Carter probably was never more than, say, 10 points ahead of President Ford.

That is, nevertheless, a sizable lead and there's no question but that Ford made spectacular gains throughout the fall to produce such a close election. He and his managers waged a remarkable campaign, brilliantly conceived and almost flawlessly executed; aided by Carter's mistakes, they succeeded in making him the issue rather than Ford's own dismal record in office.

THEY DID SO, it appears at first glance, through diligent use of two issues. The first was the familiar Republican battle cry. Carter, they said, was a big-spending liberal who would tax

and tax and spend and spend and inflate and inflate. In a middle class country whose values have been shaped largely in the Horatio Alger tradition, that is an issue of extraordinary potency, and one which lends itself to the most blatant exaggeration — for example, Ford's overblown estimates of the "cost" of the Carter "social progress."

The spending issue also helped the Republicans to exploit a point first raised by Jimmy Carter himself: trust. Because he had not been previously on the national scene or in Washington, because he was of a suspect breed, a Southern Baptist, and because Carter in the primaries had been more adept than other Democratic possibilities in avoiding the "big-spending liberal" label, the Republicans skillfully pictured him as an unknown quantity and managed to equate that with being untrustworthy.

In this, they may have been aided inadvertently by a press more wary — in the wake of Vietnam, Watergate and Richard Nixon — of merely transmitting political promises and images. Probably no candidate, as a result, ever was more thoroughly challenged in word, deed and appearance than Jimmy Carter. That tended to emphasize the notion that Carter was unknown and therefore untrustworthy, although every Presidential candidate is to a great extent an "unknown" before he takes office.

NONE OF THIS could have brought Ford so close to victory as it did had he not been an incumbent — albeit unelected — President. Manifestly, he was not a spender. Whatever his shortcomings he was not an unknown quantity, hence in the strange logic of this campaign he was not untrustworthy. As an incumbent and a known quantity, with an apparently indelible image as a "nice guy," he was not so stringently challenged by the press as was Carter, and the public did not react as strongly to the questions that were raised about him.

So Jimmy Carter, despite his mistakes, didn't "blow it" so much as the Ford campaign nearly won it. Had Carter not been a Southerner able to unite the South in his support, he probably could not have been elected.

NEWS BRIEFS

Soviets continuing microwaves

BERLIN (AP) — The Soviet Union is continuing its microwave bombardment of the American Embassy in Moscow and "we would like to see it stopped," says the former U.S. ambassador there.

Walter J. Stoessel Jr., now ambassador to West Germany, emphasized, however, that the present level of microwave exposure does not constitute a health hazard. He also said a screen put in use at the Moscow legation helps cut down the microwave inflow, which was first reported last winter.

Rare snapdragon halts project

DICKEY, Maine (AP) - The discovery of a rare wild snapdragon in a remote area of northern Maine could thwart construction of a \$600 million hydroelectric project.

Some 30 to 35 specimens of the furbish lousewort, a flower that was believed to be extinct, were found this summer by botanists surveying the Upper St. John River. They were doing the work for a report on the environmental impact of the proposed Dickey-Lincoln hydroelectric project, one of the largest federally funded projects ever planned for New England.

An Army Corps of Engineers botanist, Richard Dyer, revealed the discovery of the fern-like flower in a speech last weekend in Auburn, Maine. He said it could sidetrack the controversial project, which has been in the planning stage for more than a decade.



Next production

Pizarro (Bradley Williams) and Young Martin (Bill Carter) perform a scene in "The Royal Hunt of the Sun," the University Theatre's next production. "The Royal Hunt of the Sun" is scheduled for a five-day run beginning Nov. 19. (Photo by Ginger Perkins)

Senior EE's have record GPA this year

By CINDA JOHNSON
UD Staff

Senior electrical engineering students this year have accumulated one of the highest collective Tech grade-point-averages ever recorded in the department, according to Dr. Russell Seacat, professor and chairman of Tech's electrical engineering department.

"Once every four or five years the department comes up with a number of exceptional students grouped together," Seacat said. "This group usually includes many students with a 3.0 or higher," he said.

In previous years, the average grade-point-average of the senior class was 2.75. At present, the senior class is averaging a 3.0.

"The SAT grades for this group of seniors were high," Seacat said. "Our curriculum requires much studying on the part of the students. A good

knowledge of math is a must," he said.

Three hundred and ninety students are enrolled at present in electrical engineering. Sixty-five are seniors.

"Electrical engineering is a good field of study. The demand for trained electrical engineers is tremendous," Seacat said. "Wherever there are computers and electrical equipment, an electrical engineer is needed."

"The field of electrical engineering isn't a hard field of study," according to Seacat. "Our graduates have earned a degree when they finish at Tech."

"The department regards anyone graduating from electrical engineering with a 2.0 grade point average as nothing less than a good student," Seacat said.

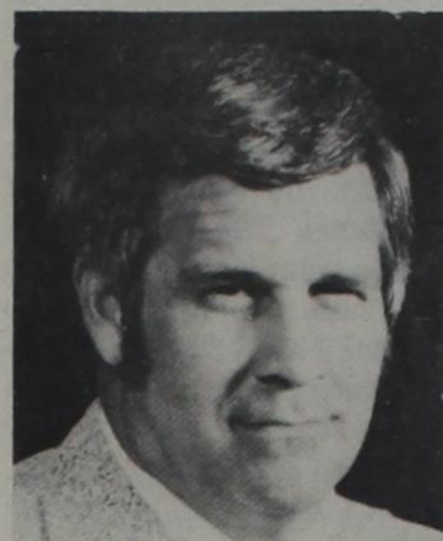
Professor commended for outstanding service

Dr. B. J. Marshall, chairman of the Lubbock Heart Association and is on the American Heart Association State Task Force. He is also a member of the American Physics Society, Sigma Xi and Sigma Pi Sigma.

He was commended by his students for his active interest and concern for the individual student, his striving to make his lectures interesting and relevant and his willingness to give time to his students.

Developing physics courses for non-majors has been an achievement of Marshall's as well as opening the department for tours to familiarize students and teachers with the department.

Marshall joined the faculty in 1965 and has served as chairman of the physics department. He is the



Dr. Marshall

Volunteers needed for development center

Volunteers, skilled or non-skilled, are needed for the partial care program of the Human Development Center.

The program revolves around a therapeutic community to solve three main difficulties of mental patients. These three areas are poor interaction skills, poor skills in daily maintenance and poor motivation.

According to Esther Flemmebaum, director of the program, the therapeutic community is designed as a microcosm of the general community, within which the patients are given the opportunity to acquire and try out new skills in a relatively safe environment.

For more information, contact Esther Flemmebaum at the center at 763-4213 or go by 24th 13th.

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Dr. Murray named president of Geological Scientists group

Dr. Grover E. Murray, university professor of geosciences, has been named president-elect of the Association of Professional Geological Scientists (APGS), President John D. Haun announced today.

Former Tech President Murray will assume his office in January, 1977.

The national association, formerly the American Institute of Professional

Geologists, was formed in 1963 to strengthen the geological sciences as a profession, to establish and continue evaluation of geological scientists, to formulate ethical standards and to monitor governmental and other activities affecting the profession.

Murray will also serve as chairman of the APGS Advisory Board. Murray is the second

president to have been chosen from the Tech faculty. Dr. Frank B. Conselman, retired professor of geosciences, served as head of the association in 1974.

APGS is headquartered in Golden, Colo., and counts more than 3,000 members.

Murray, Tech president from 1966-1976, has served in several major professional leadership positions. A member of the National

Science Board since 1968 and the National Advisory Committee on Oceans and Atmosphere since 1975, he has been president of the Society of Economic Paleontologists and Mineralogists (1963-1964), the American Association of Petroleum Geologists (1964-1965) and the Gulf Universities Research Corp. (1965-1966). He was also chairman of the U.S. National Committee on Geology (1964-1968).

TKE s receive charter

International social fraternity Tau Kappa Epsilon (TKE) will petition Tech's Interfraternity Council (IFC) for observatory membership Wednesday night at IFC's regular meeting.

Under the conditions of the observatory membership, the TKE's would be functioning as part of the Tech's fraternity council and would abide by IFC rush and organization rules.

The TKE would not be required to pay pledge dues to the council and would pay only \$15 for rush participation.

The TKE's were founded as a local fraternity Tau Epsilon

Kappa, (TEK) April 20, 1975.

The TKE's received their national charter Saturday night with initiation of members the preceding afternoon.

According to a statement by the TKE international director at the charter banquet, the Tech chapter of TKE is the second largest group of men to be initiated as a new chapter in the history of their fraternity.

With a membership of 96 TKE has become the third largest social fraternity at Tech, according to David Nail, IFC sponsor.

T
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WHERE IT'S AT

TODAY

"Ghost Town Skiers," video tape, 10 a.m. - 4 p.m., UC West Lobby.
 Men's Intramurals sports managers meeting.
 "The Seven Samurai," film, 8 p.m., UC Coronado Room.
 "High School," Fred Wiseman film and discussion, 8:15 p.m., UC Theatre.
 Women's Inner-tube Basketball and Scratch Bowling entries due, recreational sports department.

THURSDAY

"Ghost Town Skiers," video tape, 10 a.m. - 4 p.m., UC West Lobby.
 "American Institutions: The Making of a Documentary," Fred Wiseman, speaker, 8:15 p.m., UC Theatre.
 Golf, Midland College Golf Meet, Midland.
 "Search for the Nile, Episode 5," film, Mahon Library.
 Volleyball, State Tournament.
 "Man's Search for Happiness," film and presentation by Dr. Dellas W. Lee, 7:30 p.m., room 110 in the UC.

FRIDAY

"Ghost Town Skiers," video tape, 10 a.m. - 4 p.m., UC West Lobby.
 Volleyball, State Tournament.
 "Shampoo," film, 8 p.m., UC Theatre.
 "Period of Adjustment," play, Lubbock Theatre Center.
 Golf, Midland College Golf Meet, Midland.
 Varsity swim meet, Tech vs. SMU, 7 p.m., Men's Gym.

SATURDAY

Tech vs. SMU, football-homecoming, 2 p.m., Jones Stadium.
 "Electronic Age Welcomes the Renaissance," play 8:15 p.m., UC Theatre.

Vannelli concert promises 'powerful' results

By JOHNNY HOLMES
 UD Fine Arts Editor

One of Canada's most "powerful people" will capture the hearts and minds of the hungry Lubbock concert crowd when Gino Vannelli takes time from his gargantuan 60-city sweep to stop off in the Municipal Auditorium Thursday night. Vannelli, only 24 years old, has caused more than a mild sensation since his appearance on "Soul Train" and subsequent tour with Stevie Wonder a couple years back. The dark-eyed, dark-haired charmer has wowed audiences all over the world with his charismatic stage presence and his truly inventive music, most of which defies classification. After watching his father perform, young Vannelli decided to follow in his footsteps, and at the ripe old age of 16 recorded his first single, which broke into the Canadian Top Ten. After the usual term of dues

paying, Vannelli was signed to A&M Records by trumpeter Herb Alpert, who also produced his first album, "Crazy Life." Vannelli reflects his pride of his first effort and says that it made for a logical progression to his next album, the popular "Powerful People." The world began to sit up and take notice of Vannelli about this time, not only for his masterfully recorded albums (engineered by Geoff Emerick who won a Grammy for "Band On The Run"), but also for his magnetic stage shows. An honors graduate of the Elvis Presley School Of Body English, Vannelli has succeeded in attracting as many people to merely see him as listen to him.

The third album, "Storm At Sunup" revealed even further development of the unique Vannelli style, both lyrically and musically. By this time Vannelli had started creating thematic pieces like "Where Am I Going," as well as continuing with the catchy singles which kept him in the popular eye, and on the FM playlists. Gino's most recent release, "The Gist of the Gemini," was recorded during an important period in his development as an artist. "I had a secret quest to bare my soul on that album which drove me to a very emotional state. I'm especially proud of that album because of its consistency and the reality of the lyrics," says Vannelli.

Vannelli had reached a crossroads about the time of the album. He had been appointed Ambassador to the Olympics and had scheduled to perform there this summer back in his home city of Montreal before several members of his group up and left him. Vannelli had to cancel his Olympic appearance, but he assembled a new entourage and, as the charts so graphically display, "Gist" came off extremely well. The inventive sound that is so uniquely Vannelli is derived from an artillery of keyboards and synthesizers — 16 in all — which come out sounding like bass, strings, horns and a variety of special sound effects, and three percussionist-drummers. The music that pours forth is somewhere between jazz-rock and outer space, and Vannelli's powerful voice only takes it higher.

increasingly amazing performer will be on display Thursday night at 8. From what has gone before the Auditorium for the concert Lubbock stop, Vannelli should pass his own test with flying colors. We "People Gotta Move" down to the highlight of the semester.

Rick and Neal and the Neal Ford Foundation? Free Beer and Set-Ups? Only \$5.00 per person? RIGHT ON!
 Fri. Nov. 12, 8-12 p.m. Christ the King Gym, 4011 54th. Tickets at elementary school office or at the door.
 (Limited Number of Tickets)

MOMENT'S NOTICE

NSRPS
 NSRPS will meet tonight at 7:30 in Plant Science, room 108. The trip to Junction will be discussed and the new club name will be announced.

PRE-MED SOCIETY
 Pre-Med Society will meet Thursday in Chemistry 112.

FASHION BOARD
 Fashion Board will present the Dallas Apparel Mart Style Show Choreographer tonight at 8 in El Centro Room of the Home Ec Building.

JITTERBUG CLASS
 Free University jitterbug class will meet tonight at 7:30 in the UC Ballroom.

JUNIOR COUNCIL
 Junior Council will sell popcorn from 10:30 a.m. - 3:30 p.m. today in the UC.

AG ECONOMICS CLUB
 Ag Economics will meet tonight at 7:30 in Range and Wildlife Building, room 101.

KME
 KME will not meet this month.

HOUSING AND INTERIOR DESIGN
 The Student Chapter of Housing and Interior Design will meet tonight at 7 at the Sherwin Williams Company, 3839 50th St.

LA VENTANA
 Yearbook staff members are needed for Southern Living and Future magazines. Contact Kathy Smith and Nancy Crewe in room 117 of the Journalism Building.

KAPPA TAU ALPHA
 KTA, the Mass Comm Honorary Society, is now accepting applications for memberships. Deadline for applications is today. For more information contact Sandy Sprague at 744-4472.

POETRY READING
 James Whitehead will present a poetry reading Thursday at 7:30 p.m. in the

BA COUNCIL
 BAC will meet at 6:30 p.m. in BA 256. Elections and reconfirmation of members will take place.

HUMAN DEVELOPMENT CENTER
 Volunteers, skilled or non-skilled, are needed for the Partial Care Program. For more information call Esther Flemmebaum at 763-4213 or go by 2408 13th St.

INTERFRATERNITY COUNCIL
 Interfraternity Council will meet tonight at 7 in the KA Lodge.

AIA-SC
 AIA-SC will meet at 7:30 p.m. Thursday in room 103 of Architecture Building.

UMAS
 UMAS will meet at 7:30 tonight at the Annex Extension Building. The president of the Law School will speak.

Chemistry Auditorium. It is free and open to the public.

HOMECOMING QUEEN ELECTIONS
 Homecoming Queen Elections continue through today in the UC from 8 a.m. - 7 p.m.

ALPHA EPSILON RHO AER, the national broadcasting fraternity, is selling homecoming mums this week during dinner from 5 p.m. to 6:30 p.m. in the men's dorm.

HORTICULTURE SOCIETY
 Horticulture Society will meet Thursday at 8 p.m. in the Plant Science Building.

COLLEGE OF EDUCATION COUNCIL
 College of Education Council will meet tonight at 6 in Administration Building, room 235.

BLOCK AND BRIDLE
 Block and Bridle will meet tonight at 7:30 in the Aggie Auditorium.

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CLASS RINGS-visit the Ex-Students Association Building south of Horn Hall and see and unusual display of Texas Tech rings.

QUILTS lovely, all kinds, and Red Raiders. Card table set. Other new articles. 762-3598.

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REVOX A-77 10 1/2 inch reel to reel tape deck. Excellent condition, \$550. Superscope receiver, Gerrard model 70 turntable, \$175. 1715 23rd, 763-1413.

HELP! Volunteer your car and time to help transport residents of a nursing home to doctor appointments. Call Kathy Radabaugh at Colonial Nursing Home. 795-7147.

START Now! Parttime. Unusual opportunity for good earnings. 797-1187.

FOR RENT

LARGE three bedroom house partially furnished. Central heating. Close to Tech. Dial 892-2575 after 5 p.m.

TWO Bedroom furnished apartment for rent at 1919 9th St. Come by or call 762-5508.

NEAR Tech now leasing Inn-Place Apartments. New one bedroom, efficiencies. All the extras. 2014 8th, 744-3029, 799-2169.

LARGE efficiency, walking distance to Tech, full kitchen, furnished, dishwasher, practically new \$155. Bills paid. 2006 9th No. 18, 747-5118.

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FOR SALE

ELECTRONIC Salvage - Analog - Digital - Tube - Transistor. 8-4 Saturdays only Saturday Sales, East Side Industrial Area, Lubbock Regional Airport.

REPOSSESSED HI-FI stereo receiver with AM-FM radio, 50 watt rms. Hookups, 2 Phons, 2 tapes, filters, meters, 2 year warranty. Original price \$399.95. Assume balance of \$185.00 or \$10.00 monthly. Martin's Sound Center, 4922 34th.

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\$2.50 Christmas tree decorations. Chair, need upholstery. Stool, step table. \$7.50 Christmas tree, shelves, divan. \$15 file cabinet. \$25. Gas range. \$40. Refrigerator, sewing machine, TV, desk. \$50. Pool Table, amplifier and guitar. 1106 23rd 744-9672 762-2589

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 Now accepting applications for cocktail hostesses
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WANTED farm foreman. Someone with farming experience, take responsibility and assist in managing farm operation. House and utilities furnished. Call (915) 693-2310.

EXPERIENCED bartenders. Apply in person Silver Dollar Saloon in the Mall. Ask for Keith.

BARBACK needed full or parttime. \$2.75. 7:30-2:30. 793-0303, Rick & Neal's, 3002 Slide Rd., after 8:00 p.m. Ask for Mario.

APPLICATIONS now being accepted for Christmas help. Apply in person at the Junction, South Plains Mall.

NEEDED day time cook's helper-salad man. Advancement opportunity. Apply in person between 2 & 5, Bonanza Sirloin Pit 2101 Broadway.

WAITRESSES Wanted. Part or full time. Good tips available. Apply in person. The Ambassador, 1204 Broadway.

NOW taking applications for full or part-time cocktail waitresses. Apply in person. Feediot Restaurant, 5001 Avenue Q.

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LOST - one Irving High School senior ring - Reward! 742-4939 or 742-7764.

LOST!! Library book: "Standard Methods for Examination of Wastewater", call number QD 142.A5-1965. Call collect 806-385-5622 after 7 p.m.

To Place Your Classified Ad Dial 742-3384

Wiseman begins residency

Award-winning filmmaker Frederick Wiseman will begin a two-day residency at Tech tonight with a free showing of his highly touted documentary "High School" at 8:15 in the University Center Theatre. A question-and-answer session will follow the showing.

Until 1966, Wiseman's cinematic dabbings were

more of a hobby than anything else, but his serious entry into cinematography came as a result of an increased dissatisfaction with the fantasies of Hollywood. He aspired to attempt new ideas in film technology and more than anything else, to tell it like it is.

His films are very ex-

ploratory in nature, and very realistic. His crews spend several weeks on location filming action as it happens. Nothing is staged, rehearsed or re-shot. His films are neither narrated nor explained, and unlike most contemporary documentaries, Wiseman's productions leave the final decision to the individual viewer.

The only activity planned for today is the movie and question-and-answer session tonight, but Wiseman will present a full-blown lecture on "American Institutions: The Making Of A Documentary" Thursday night at 8:15 in the University Center Theatre. Tech students will be charged \$1 and the general public \$2 for the lecture.

Iranians, police clash in Houston Tuesday

HOUSTON (AP) - A group of shouting Iranian students and a force of 150 policemen, using billy-clubs, clashed in downtown Houston Tuesday. At least 35 demonstrators and five officers reportedly were injured, none seriously.

Authorities said about 125 persons were arrested and would be charged with disorderly conduct and disturbing the peace.

Members of the Iranian Students Association, about 250-strong, demonstrated in the heart of busy, bustling Houston near the French consulate during the lunch hours where sidewalks were crowded with pedestrians and traffic was snarled.

Police arrested three of the demonstrators and others in the march began shoving and pushing with policemen.

Then, as Sgt. C. G. Munro said, "It all hit the fan." Using their clubs, but apparently never drawing their weapons, the police knocked several demonstrators to the pavement.

An unconfirmed report said the demonstrators had grabbed two pistols from the holsters of officers and fled. Hospital spokesmen said between 35 and 50 demonstrators had received treatment for cuts, bumps and bruises, and that five

policemen had suffered minor injuries. One officer was stabbed with a screwdriver, authorities said.

Police told the demonstrators to be orderly, but the shouting "Down with the Shah" appeared to increase in volume and then the battle seemed to explode in an instance.

The protesters were carrying placards and handing out printed statements charging the Shah of Iran with terror and fascism.

The group, which demonstrates frequently in Houston, said the incident in France "was an extension of the Shah's terror and fascism. The Shah is a U.S. puppet, and with the consent of the U.S., has done a good service also to the French Imperialists in plundering Iranian peoples."

Chief of Police B. G. Bond said later, "I personally am getting fed up with what these people are doing in downtown Houston when our country had nothing to do with it.

"Those who do the same thing again can expect the same humane...treatment and the rights of our court system."

The two Iranians arrested by French police are accused in the slaying of an Iranian diplomat.

ETS program expects increase

PRINCETON, N.J. - Changes in registration procedures for the Minority Graduate Student Locator Service are expected to substantially increase, perhaps triple, the number of students in the program, according to the Educational Testing Service (ETS).

At the same time, another change, a price reduction to graduate schools, is expected to increase the number of schools participating in the program.

The Locator Service was developed by ETS five years ago for the Graduate Record Examinations Board to help minority students call themselves to the attention of graduate schools and to help

graduate schools identify minority applicants. There is no cost to the students.

Since that time the program has, with students' permission, annually distributed information about the educational goals and backgrounds of over 9,000 students. ETS hopes to increase that figure by allowing students to register for the service on the same form used for the Graduate Record Examination (GRE). A separate form used only for the Locator Service will continue to be available for students who do not take the GRE.

The Locator Service is primarily for members of racial and ethnic minorities in the United States. They in-

clude American Indians, blacks, Hispanics, orientals and other minority students who are second-term college juniors, seniors or college graduates. Applicants need not be enrolled in college at the present time to take part in the program.

Student registration forms and instructions are inside the centerfold registration envelope in the 1976-77 Information Bulletin for the Graduate Record Examinations and Minority Graduate Student Locator Service. Copies may be obtained from most college undergraduate minority affairs office, the student affairs office or any office involved with student concerns or graduate placement.

Tech receives Amoco grants

Representatives of Amoco Foundation, Inc., have announced grants and scholarships to Tech totaling \$15,400 for 1976, according to Dr. D. R. Haragan, chairman of the department of geosciences.

Of the \$15,400, \$5,900 will be used for scholarships in earth sciences, engineering and geophysics; \$4,500 will be used for unrestricted grants; and \$5,000 will be used for faculty awards, Haragan said.

Representatives said the Amoco Foundation is interested in providing financial assistance to all educational programs, including those aimed at alerting students to the opportunities in sciences and engineering and to assist them in successfully entering

those fields, Haragan said.

Tech was represented at an announcement luncheon by Dr. C. E. Kelsey, vice president of development; Dr. J. E. Halligan, head of the chemical engineering department; Dr. J. Lawrence, chairman of the mechanical engineering department; Dr. H. W. Winkler, head of the petroleum engineering department; R. D. Jenkins, placement director; and Haragan.

Amoco representatives were Walter Bedford, Jr., Gilbert Goddard, Phil Israel, Dwayne Lovingsgood, Gerry Ramsey, and Ernie Schutt, Haragan said.

The foundation has budgeted \$126,700 for 13 Texas schools during the 1976 academic year.

Lottery kicks off Homecoming

Ticket lotteries for the Tech Homecoming will be from 1-6 p.m. today and Thursday in the UC.

Homecoming activities begin Friday at 6 p.m. on the band practice field. The Tech cheerleaders will initiate a snake dance ending at the Southwest Conference Circle, where a bonfire will be started.

Saturday at 10 a.m. the Homecoming parade will form at Avenue H, south of Broadway and continue west on Broadway to the campus.

Pre-game festivities begin at 1:30 p.m. with the crowning of the Homecoming queen. The game against SMU will begin at 2 p.m.

A public showing of the floats will be in the Administration Building parking lot, across from the UC, on Saturday morning and all day Sunday.

GRE costs remain steady

PRINCETON, N.J. - Despite inflation, costs to college students using the various services offered by the Graduate Record Examinations Board have remained level and in some areas decreased, according to the Educational Testing Service (ETS), which administers the programs for the board.

For the third consecutive year prices for the Graduate Record Examinations (GRE) national administrations, offered nationwide six times per year, will be held at \$10.50 each for the Aptitude Test and one of the 19 Advanced Tests. IN ADDITION, costs for three other services offered by

the GRE Board have been reduced, largely due to increased use.

The per-test cost of the GRE Local Administrations has been reduced from \$8.00 to \$5.50. Local administrations are used only by the school offering the exam for its enrolled graduate students, and the fee is paid by the school.


The price of the four-volume Graduate Programs and Admissions Manual for the 1976-77 school year will be cut from \$3.50 to \$3.00 per volume.

THE PRICE FOR the sample aptitude test has been reduced to \$1.00 from last year's cost of \$1.25. Additionally, in order to

make the GRE available to as broad a range of students as possible, the GRE Board has enlarged eligibility requirements for the GRE Fee Waiver Program. Students now eligible for fee waivers are those who are currently enrolled as seniors in college, are receiving financial aid, and have an estimated parental contribution of \$200 per year or less. The Fee Waiver also now applies to national and other test administrations.

As in the past, the fee waiver will be used only to defray the cost of the test.

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AT THE **COTTON CLUB** SLATON HIWAY
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My deepest thanks for your continued goodwill and support.

I shall continue my best efforts in behalf of all the people of our district and the nation.

George Mahon

Paid Political Adv. by The George Mahon for Congress Committee, H. E. Griffith, Treas., 310 Texas Commerce Bank Bldg., Lubbock.


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Chuck McDonald

Pink elephants in Cowtown

By CHUCK McDONALD
UD Sportswriter

COMING into Olney, the general consensus in the car was 45-7 Tech over TCU.

Always on the pessimistic side, I insisted that 39-7 was a little bit more realistic. "Look," I said, "It just so happens that the Horned Frogs are one of the most under-rated 0-7 teams in the nation."

There was a big old gang of us traveling to Fort Worth, diehard fans who would undergo any hardship to see the Raiders in action. For instance, my knees will never be the same after 600 miles in the back of a Firebird and I'm still wondering how my back is going to recover after two nights sleeping on the floor, but who cares? In all, more than 10,000 loud, boisterous Tech fans came roaring into Fort Worth. We hadn't come down for a game, we came down for a Horned Frog cookout, a kill, a mauling, a massacre...

So there we were on Friday night at the Pink Elephant in Fort Worth. And since it's one of the classier places in the Cow-Town I was sure there would be some Tech students present. But I wasn't prepared for what was about to happen.

It started innocently enough—some girl climbed up on her chair and started singing the Tech fight song. No big deal, it seemed like; we're all into a little song and dance. Next, about one-third of the Pink Elephant crowd turned out to be TT'ers.

LIKE CHILDREN around the pied piper we flocked around her and she led us through a 20-minute Pep Rally, on par with any ever put on by the Saddle Tramps. Maybe she was an undercover Tramp. Anyway it was just great, someone got so excited they went to call Coach Sloan to come out to the Elephant and give us a few words. I doubt they got hold of him. He never showed up though.

Meanwhile, TCU fans were sitting meekly in the corners as we jeered and laughed at them. Trying to fit in, a few burned their student ID's but most just made whining noises in the back of their throats. But I vaguely remember someone in the smoky, darkness saying vindictively, "Well, let's see who gets the last laugh."

Maybe Tech was just flat after the Texas game, maybe it was the fact that the referees looked like they were borrowed from the intramural corps, or maybe TCU just played a whale of a ballgame, but the Horned Frogs came within inches of stunning the fifth ranked Raiders. Quickly out ahead 14-0 in the first quarter, Tech capitalized on a beautiful 88-yard TD strike from Allison to Brian Nelson and a 12-play, 75-yard drive with Allison taking it in.

"HMMM, 14 points a quarter, that 56-0, that sounds about right" somebody above said a few rows up. But somebody slipped Tech's potent offense into neutral and those were the last points the Raiders were to put on the board.

Coach Sloan gave most of the credit to TCU. "TCU had more to do with the closeness of the game than did our flatness," he said.

The people around me gave a lot of credit to the referees. "That blind so-and-so called a clipping penalty before the ball was even snapped." Indeed Tech was penalized 10 times for 121 yards.

I'm not going to make a judgement. I was just another hungover fan trying to squint through the sunlight and follow the game. But it is hard to understand why the fifth ranked Raiders were unable to score from the one yard line on four plays.

NONETHELESS, Tech came out with their perfect record intact (thank you Eric Felton) and a better realization of how tough SWC competition really is.

Darrel Royal had a quote after his team narrowly defeated SMU earlier this season that says it best.

"The secret to a successful season is to be able to win those games in which you don't really play that well." Amen, Darrel.

It was a lot quieter, humbler Tech crowd that night in Fort Worth. And when Mike Renfro, who caught five passes for 127 yards and TCU's lone touchdown, showed up at a party after the game, he said TCU played just as well as Tech and could have just as easily won. Nobody argued with him.

Volleyballer's insecurity matures into nerves of steel

By LISA BURGHER
UD Sportswriter
When Cheryl Davis entered Tech last fall, she was insecure, nervous and not too confident with her volleyball

skills. Now, just a year later, Davis is one of the starting six and one of the most powerful players on the Tech volleyball team. "I really was insecure at

first," Davis said, "and it was like we were all strangers and nobody knew anyone else. We just played together, but as individuals, for about three weeks before we started to get to know one another."

Davis said she set her goals for volleyball last spring and worked toward them throughout the summer.

"My goal was to be one of the starting six this fall, and to play full court. Last year I came in across the front row and didn't play back row," Davis said. "I worked out all summer long. In June I played in the Junior Olympics and we went through heavy workouts. After that I worked out with a friend for hours every night, playing pepper and conditioning and we just pushed each other to work harder."

Tech's success this season is not much of a surprise to Davis, who said she knew last spring that Tech would be the team to beat this fall.

"I knew after spring training we could run a multiple offense," Davis said. "I knew the five returning players and a lot of the girls that would be coming up. Especially, it would be Hudson's (Janice Judson, Tech coach) second year to coach and everybody had

improved so much under her the first year I really knew we would be powerful."

Davis said there were many reasons why she chose Tech, but one was outstanding.

"My high school coach went to Tech and got me interested in it," Davis said, "and I had known Hudson from playing open volleyball. My parents and I thought a lot of her as a coach, and when I found out she was going to be coaching at Tech, that was the final thing and I knew I was coming here."

Tech, zone champions for the second straight year, and

recent winners of the UT-Arlington tourney, travels to Canyon this weekend for the State tournament, and Davis is optimistic about the outcome.

"We have the potential to beat every team out there," Davis said. "The University of

Houston should be the only problem team for us. If we don't let ourselves be intimidated by these strong teams that beat us last year, and when we realize that we are as good as they are and start playing our game, then we can win."

Shakeup possible in Poke backfield

DALLAS (AP) — Dallas Coach Tom Landry is threatening to shakeup his backfield if the Cowboy ground production doesn't get better — soon.

The Cowboys have averaged only 2.6 yards rushing in their last two games and Landry said Tuesday he may unleash benched Charley Young on the Buffalo Bills next Monday night.

"Our backs have got to start producing," said Landry. "We haven't run well in the last two games."

Landry said fullback Robert Newhouse was having a sub-par year.

"Robert hasn't come back strong from his preseason injury," said Landry.

Landry said Young "may be at fullback" when Dallas tries to extend its record to 9-1 against the Bills. Young hasn't played in the last two games. "We need to solidify our backfield in the stretch," said Landry. "I want to find the back who is hot and leave him there."

Landry said that only tailback Doug Dennison was turning in a consistent performance.

"You can't say we are in a slump but we are simply not moving the ball on the ground," said Landry. "We've been playing with starey eyes instead of concentrating eyes."

Asked to comment on St. Louis Coach Don Coryell's statement that Dallas should win the National Conference Eastern Division title, Landry smiled "I think Coryell has caught a little of Washington Coach George Allen's style. He's trying to set us up for a big fall."

The Cowboys, one game ahead of St. Louis, host the Cardinals Thanksgiving Day.

"I don't know whether a 9-5 or what will win it but I don't think it will be over until the final game and the final gun," said Landry.

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16 Priest's vestment
18 Hypothetical force
21 Beats repeatedly
22 Youngster
23 Weaken
24 Afternoon party
25 Long slender fish
27 Pronoun
28 Chicken
30 Pigeon
31 Small child
33 Sesame
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36 Avoids
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