

NEWS BRIEFS

Orientation to begin

"A Look Into the Future" is the theme of this year's freshman orientation conferences, which began Monday. Six two-day conferences are planned this year along with a single one-day conference. More than 4,000 incoming freshmen are enrolled for the conferences.

The two main objectives of the conferences are to pre-register the incoming freshmen and to acquaint them with Tech and how it works. Credit-by-examination will be offered. These scores will be posted before the freshmen complete their registration.

The Student Life Division plans tours of the campus to acquaint the students with the geography of the campus. Also planned for this year's conferences are meetings with leaders of student organizations, the Student Association and fraternity and sorority groups. A new feature of the conferences this year will be small discussion groups led by upperclassmen on student life and pride in Tech.

"The personal contact and convenience in registration featured in these conferences help to lower the dropout rate among freshmen" says Mary Reeves of the Student Life Division. "We want them to stay and be successful here at Tech."

The two-day conferences will be held July 31 through Aug. 18, with conferences on Monday and Tuesday, and on Thursday and Friday of each week.

The Registrar's Office is expecting between 5,000 and 6,000 incoming freshmen this fall.

Salinas introduces bill

Rep. Froy Salinas of Lubbock introduced a bill in the Texas House of Representatives Wednesday that would allow a non-binding referendum on the question of ad valorem taxes to be added to the Nov. 7 general election ballot.

The Salinas bill would place on the ballot a choice for voters to learn if they want the tax structure changed to bring property tax relief.

What this means is that an increase in the sales tax of a city like Lubbock would be applied to reducing property taxes while increasing sales taxes.

The move is not popular everywhere. Some Chicano leaders in Lubbock expressed their disappointment with the Salinas plan to the University Daily Thursday, saying the burden of the sales tax falls disproportionately on the poor.

Salinas said he estimates the effect of adopting his plan would be an increase of \$7 million yearly in revenue for Lubbock, thus allowing for a reduction in ad valorem property taxes imposed by the city of approximately 40 percent.

But the bill may not pass the legislature before adjournment, meaning the referendum to determine the people's wishes on the sales tax versus property tax question may not be on the ballot in November.

Baby progressing well

LONDON (AP)—Louise Brown, the world's first authenticated "test tube baby," was moved from a special care unit in a British hospital Thursday to join her mother in the maternity ward after healthily crying her lungs out all night.

"The baby is progressing very well," a hospital bulletin reported.

While hospital officials reported Mrs. Lesley Brown, 30, and her two-day-old daughter were both doing well, the two doctors responsible for the laboratory conception cautioned other infertile women against immediately pinning their hopes on what is being hailed as a major medical breakthrough.

"It is obvious this is not immediately available to everybody," gynecologist Patrick Steptoe said in an indirect message to childless parents seeking details of the treatment.

Israeli group ousted

TEL AVIV, Israel (AP)—Israel's only direct negotiating link with Egypt was severed Thursday while America's Mideast mediator moved to get the two countries talking face-to-face again about a Mideast peace settlement.

An Israeli military delegation, in Egypt since January, was thrown out of the country on the order of President Anwar Sadat and flown back to Tel Aviv Thursday in an Egyptian jet liner.

"This is not the end, only the beginning of a process," delegation commander Col. Yaacov Heychal told reporters after arriving at Ben Gurion airport and receiving an enthusiastic hug from one of his daughters. The group, which stayed in Egypt after peace talks broke down in January, was said to be used occasionally to transmit peace feelers.

WEATHER

Fair today through Saturday. High today and Saturday is expected to reach the mid 90s with the low tonight in the upper 60s. Winds will be westerly at 10-15 mph.

Krueger says opponent Tower insensitive to agriculture needs

By LARRY ELLIOTT UD Reporter

Bob Krueger attacked opponent John Tower's "insensitivity to the agricultural community," and proposed a \$15-\$25 billion tax relief measure during a Lubbock stopover that is part of his two-day 11-city campaign swing across the agriculture-oriented South Plains.

Krueger said Republican Tower is opposed to government price supports for farmers and ranchers, backing his charge with a quote from "Program for Conservatives," a book by Tower in which the three-term senator said he favored removing all farm price supports.

Judge okays information release

AUSTIN (AP)—The chairman of the Public Utility Commission said Thursday he would be "very surprised" if Southwestern Bell's request to delete \$174,160 from its \$214.3 million rate hike application was not approved.

Southwestern Bell asked that the amount be deleted because it has been linked to alleged improper equipment purchases and leases.

During a rate hearing Thursday, no new information was revealed about the federal investigation of a former Bell employee.

U.S. District Judge Sarah T. Hughes allowed the U.S. attorney in Dallas to furnish Bell with limited information on the investigation, Bell attorney Ford Hall explained. The questionable purchases occurred during the period used to determine Bell's rate request.

Federal prosecutors have said that Bell was a "victim" not a beneficiary in the alleged fraud.

"We, of course, intend to respect Judge Hughes' order that we not delve into underlying facts which would in any way jeopardize the integrity of the ongoing grand jury investigation," Hall said.

"We, of course, do not know if an indictment, or indictments, will be returned, and we do not know if any wrongdoing will ultimately be established," he added.

A final order in the case will be issued "early next week," PUC Chairman George Cowden said after the 20-minute hearing. The company had asked the commission to delay the order under further information was available on the federal investigation.

"I would be very surprised if it (the questionable figure) were not disallowed from the rate hike request," Cowden said. "No intervenors objected, but it would be up to the commissioners when we adopt an order."

Neither Bell nor the U.S. attorney have indicated which former employee is under investigation. However, the Dallas Times Herald has reported that the probe involves Ray Acker, 66, former head of the company's data systems.

Bell attorney Jon Dee Lawrence testified at the hearing that the company would provide the utility commission with any new figures provided by the U.S. attorney's office.

"The company intends to do the right thing, whatever the facts might be," he said. "If it turns out that a further reduction in rates is the thing to do, I'm sure the company would be proposing that."

Federal prosecutors have asked Bell not to conduct an independent investigation until the grand jury probe is complete.

"We have no independent information that shows that the figure is right, wrong, high, low or right on the money," Lawrence said. "It is what we have been advised" by the U.S. attorney.

Under the \$214.3 million proposal, Lubbock one-party residential rates may increase by \$1 and two-party rates by 50 cents. One-party business rates may increase by \$2.30. Bell bases rate probabilities on the total number of telephone numbers in each calling area.

Krueger then mentioned Tower's vote for "price supports for himself" in the form of a 29 percent pay raise for senators.

"Yes, John Tower believes in price supports for John Tower, but not for the American farmer, who needs financial aid far more than John Tower," he said.

Krueger, who calls himself an "independent Democrat," claimed Tower is unable to represent the South Plains the way George Mahon did because he is a Republican.

"There are two kinds of seniority," Krueger said. "The kind Mahon had and the kind Tower has."

Mahon reached the heights of power and influence for this area because his seniority enabled him to gain the chairmanship of the House Appropriations Committee and the attention of national leaders in government, Krueger said.

"Then there's the kind of seniority



Krueger

City Council passes sales tax resolution

By MIKE VINSON UD Reporter

The Lubbock City Council passed a resolution Thursday calling on the state Legislature to allocate an additional one cent of the current sales tax to the city.

The council said the sales tax would be an alternative to the general property tax as a method of generating funds for the city.

According to Vaughn Hendrie, Lubbock director of public information, the one cent allocated to the city would provide an additional \$7 million in revenue next year, allowing a reduction of 56 cents per \$100 evaluation in the property tax. The current tax rate is \$1.41 per \$100 evaluation.

Lubbock mayor Dirk West spoke in favor of using the sales tax to supplement the property tax because of "the long range planning the sales tax would allow."

Referring to the current demands by Lubbock property owners to lower the property tax, West said, "We can't do this (adjust the property tax) on a year-to-year basis and have any long-range planning."

The council said the resolution was aimed at the special session of the state Legislature currently meeting to consider tax relief proposals.

The demand for a reduction of the property tax has come as the City Council is drafting the 1978-79 city budget. The council has scheduled a preliminary hearing, fashioned after old-fashioned town hall meetings, to begin at 9 a.m. Monday in council chambers at the Lubbock Municipal Building.

"This return to the town hall type of meeting on the city budget will give everyone in every section of Lubbock a chance to be heard," West said.

"Any interested citizen wanting to speak or present ideas regarding the budget can register beginning at 8

Tower has where he's never had a chairmanship of a committee as a Republican."

Krueger said his "effectiveness" could bring Texans what they have been missing during the 17 years Tower has served Texas.

He cited his influence in the House Commerce Committee with an urban Congressman who held a key vote on the deregulation of oil and natural gas as an example of his "effectiveness."

Krueger said the black Congressman who voted with him would never have been swayed by Tower, who has "voted against every piece of civil rights legislation since he got there," according to Krueger.

"That's the difference in effectiveness," Krueger said, "Texas can't cut its bonds from the rest of the nation. We can't secede."

Krueger denied charges that he is a pawn of big labor, as Tower has often hinted in speeches, and said he is not an opponent of the "open shop" which allows workers the right to work without joining a union.

The two-term Congressman from New Braunfels said he can represent both union and non-union workers without favoring either side.

TPOT joins city programs

By ILENE BENTLEY UD Reporter

Senior citizens of Lubbock may miss Tech staff and students but they will not miss the programs and meals, according to Dorothy Dailey, City of Lubbock Senior Citizens' Programs director.

The Lubbock program expanded June 1 when the city added Tech's

Program for Older Texans (TPOT) to its own after the Texas Governor's Committee decided Lubbock could more adequately fund the programs.

According to Julian Williford, former TPOT director, Tech did not have the money for resources and research.

Tech received a grant for the program in 1975, Williford said. "The university saw the need to get a program started but we didn't plan for it to last forever," he said.

Approximately the same time, the city began its first full time senior citizens' center, Dailey said.

Few changes were made when Lubbock took over Tech's centers, Dailey said.

"We took on some of the same personnel as TPOT," she said. "The participants should not have even noticed a change."

Williford said he expects the Lubbock program to double in size, "if not more."

Although he said he misses being involved with the senior citizens, he is still receiving phone calls from participants and workers.

"I guess I'm one of the strongest advocates of the program," he said. Lubbock now has seven centers in

its senior citizens' program. The centers are located in churches and community centers throughout the city.

Some of the activities offered to the "Older Texans" include arts and crafts, bridge, pool, horseshoes and field trips, Dailey said.

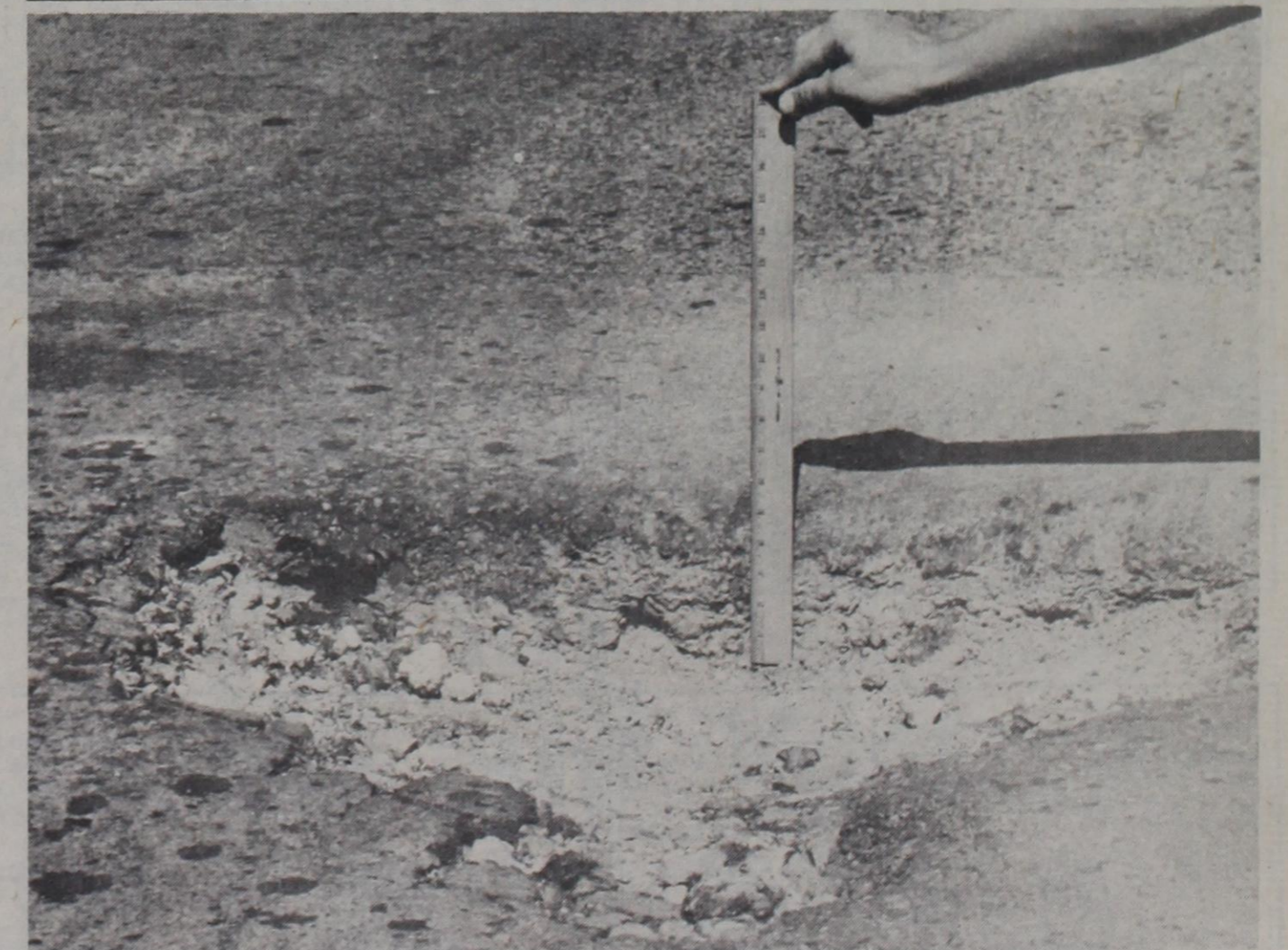
"Many people don't think of arts and crafts as appealing to men," Dailey said. "But when we started making horseshoe nail pictures the men really got in and worked."

Dailey said fees are not charged for supplies. But the participants are asked to make two projects so that one may be sold later and the money put into the program fund.

Hot meals are served Monday through Friday. Citizens more than 60 years old may receive the meals free, Dailey said.

A phone assurance program has also been started, Dailey said. Volunteers call a senior citizen everyday to check on the citizen and provide friendly contact.

Other services offered to senior citizens through the programs include business information and referral, health and welfare counseling, nutritional education, shopping assistance and escort services.



Slow down

Tech engineers may have come up with an answer at last to slow down traffic on the intercampus loop. Motorists traveling at more than the 20 mile per hour speed limit on 6th Street in front of the Athletic Office will get a rude awakening when they hit this five-inch deep chug hole.

Unlike more expensive raised asphalt "speed breakers" in shopping center parking lots, the new devices cost almost nothing to construct and last — even grow more effective — as time goes on. (Photo by Darrel Thomas)



# Russian actions revolting, also frustrating

Anthony Lewis

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When the Soviet Union behaves as it has in these last weeks, we are revolted. To convict a dissident of "treason" because he talked to a foreign correspondent, to send someone away for years because he wanted to emigrate and hung a banner out his window — these are the acts of men who are in the deepest sense uncivilized.

Along with the feeling of revulsion there is frustration. We want to do something about the Soviet repression, but what will actually have an effect? The answer is far from clear. But the recent trials should remind us of some basics in approaching the Soviet system.

1. It is an essentially lawless system, whose ruler evidently so doubt their own legitimacy that they fear the slightest dissent.

A particular fallacy, in dealing with the Soviets, is to analogize their society to ours. Andrew Young, in his blundering remark about political prisoners, was trying to offer hope that Soviet dissidents would succeed as American

civil rights workers did. "Constant evolution is the rule everywhere," he said. But the analogy is false; the USSR is not subject to our dynamic social process.

2. The Russians are highly resistant to open external pressure for change.

Americans who thought the USSR would ease Jewish emigration in return for American trade concessions, including me, know that the Jackson - Vanik Amendment did not work. Similarly, those of us who agreed with President Carter's pressure for human rights in the Soviet Union may worry now that Anatoly Shcharansky and others have paid a penalty.

3. Nevertheless, the Soviet system has changed.

Shcharansky was convicted on what by Western legal standards was no evidence, in a charade of a trial. But in Stalin's day he would have had no trial; he would just have been shot or sent to a labor camp. The repression today is much more selective. We surmise that there are forces inside the Soviet ruling class favoring internal relaxation, but that they are overridden



from time to time by tougher police elements. Now, with a leadership transition looming, is one of those times.

From all this, it seems to me to follow that the West has to take the long view. There are no quick ways to bring about a more humane Soviet society. And if we let immediate outrage determine our policy, we may damage the long-term possibility of affecting Soviet behavior.

For example, it has been suggested that the United States, in retaliation for the Shcharansky affair, pull out of the

1980 Olympics in Moscow. It is an appealing idea, advanced by good people — Mrs. Shcharansky among others. But if thousands of foreign visitors come for the Olympics, may they not be a modest force for opening up Soviet society?

Again, when the Russians use crude tactics against American correspondents, as they are now doing, U.S. retaliation against Soviet correspondents may be a necessary or unavoidable course. But if the process ends with fewer reporters in each other's countries, would that

serve America's interest or the Soviet hardliners'?

We have to be on guard against actions that satisfy an emotional desire to look "tough" but that may actually hurt American interests. For instance, the United States has strong reasons, political and economic, to limit nuclear arms. If a good salt agreement is attainable, it would make no sense to say that we are going to wait for it until the Soviet Union becomes a Democratic state.

The silliest idea, in my view, would be for the United States to declare the Helsinki Agreement of 1975 void because the Soviets have failed to comply with its provisions for freer movement of ideas and person. Helsinki turned what would otherwise be Western views into international obligations — and we ought to go on demanding that the USSR fulfill them. As the Economist of London put it last week, "There is no reason to let the Russians off ... the Helsinki hook."

The imperative for the West is to stay true to its ideas. That sounds like an empty tactic in a world of power, but in fact it is

not. By simply making clear that we oppose Soviet repression, we sound a chord sympathetic to much of mankind. Even the French Communist Party called on the Soviets recently to end "all prosecutions and repressions." Humane values do have power.

If President Carter does little more than make plain his scorn for the corruption of law and truth in the Soviet trials, he will have done a good deal. But the duty is not on the government alone but on any private citizen or institution that deal with the Soviet Union. When an American company stands still for the abuse of its representatives in Moscow — as International Harvester seems to have done just now — the damage is general.

Human beings matter: That is our belief, and we must stake our all upon it. So we must remember Anatoly Shcharansky and Yuri Orloy and Aleksandr Ginzburg, the other human - rights campaigners just jailed; and Vladimir Slepak and Ida Nudel, Jews who wanted to emigrate. We can hope to move the Soviet Union only by degrees, but we must never accept tyranny.



DOONESBURY

by Garry Trudeau



Russell Baker

## Being in (re)style

(C) 1978 N.Y. Times News Service

NEW YORK — My policy on fashion is to sit tight. When a garment goes out of style, I do not discard it and rush to buy the seasons latest look. I hang the unfashionable threads in the attic and sit tight.

Sooner or later, if you sit tight long enough and refuse to panic, fashion will travel full circle and bring your old wardrobe back into high style. Or so I have always believed. For this reason, I have always sat tight and bided my time.

THE PROBLEM, of course, is that fashion can be devilishly slow in getting back around to the treasures waiting in the attic. As a result, one is sometimes hard pressed for something suitable for self-adornment when the occasion calls for looking like a peacock.

Caught in this social quagmire the other day, I was near tears at the humiliating prospect of having to step out in my all-purpose bank teller's pinstripes and paisley necktie when I remembered my oatmeal suit.

The fashion trend seemed propitious for the oatmeal suit. I recalled it as being very tight, and tightness had become decidedly chic. Most of the fancier men had taken to having their clothes molded to their forms, a fashion on which I had decided to sit tight, not because body-molded clothes seemed like a poor long-term investment, but because my form is not at its most fetching when every ounce of flab can be seen rippling dazzlingly under the fabric.

THE OATMEAL suit had always been tight, even in the

Stone Age of men's fashion from which it dated. I well remembered the astonishment produced when, taut in its hard, lean contours, I appeared among men wearing suits which, in the style of that day flapped about them like sheets in a gale.

The oatmeal suit was not made of oatmeal, of course. It was simply the color of oatmeal, before cooking. I had paid perhaps \$49 for it at the time of purchase, which would be about \$200 in present-day American currency. As for its age, I remembered wearing it at the Democratic National Convention that nominated Estes Kefauver rather than John Kennedy for Vice Presidency.

With the oatmeal suit and a pair of stiletto-toed black shoes stored in the attic since an Atlantic crossing on the Mauretania, a social triumph seemed possible.

AND THERE it was! Hung away between a double-breasted blue flannel with pegged cuffs and shoulders broad enough to conceal a matching-gun holster — an investment last used for a marriage, but still ready to go the instant the zoot suit returns to fashion — and my indestructible Scottish thorn-proof suit.

The Scottish thorn-proof was already out of style when purchased in 1953, being cut with voluminously flaring trousers and pinch-waisted narrow jacket in the fashion reminiscent of Jazz Age cakewalkers. At \$25 off the rack

in Edinburgh, however, it seemed an irresistible bargain which would turn other men puce with envy once the cakewalker style made its comeback.

After some miserly crackling over my horde, I extracted the oatmeal suit and let it contain me. The lapels curled outward. Flaps on the jacket pockets curled this way and that, in the frizzled style now so popular in female hair.

THE SUIT was no longer pencil slim. In fact, the trousers were wide enough to shelter a tete-a-tete. The seat ballooned and the jacket hung in festoons from the shoulders.

No, the oatmeal suit had not fattened and grown with age, nor had I shrunk. Fashion had simply played another of its vile jokes. What had seemed slim compared with the tent-stylings popular at its creation now seemed flowing compared to the form-molded styles of its maturity. The slim look had come back, sure enough, but the pirates in the garment business had made sure it bore so little resemblance to the original that anyone who tried to get away without buying a new suit would pay a high price in humiliation.

THEY'RE NOT going to crush me that easily. I have cancelled all my engagements and decided to sit tight. The oatmeal suit is back in the attic. One of these days, the garment business will slip up and a man wandering through the attic will thank his lucky stars he had a great-granddaddy who was ages ahead of the trend.

## THE UNIVERSITY DAILY

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## About letters

Letters to the editor can be mailed to "The Editor", University Daily, Journalism Building, Texas Tech University, Lubbock, Texas, 79409. Letter should be typed on a 65-character line, double spaced. Although hand written letters will be accepted, typed letters will receive preference in publishing. All letter should contain the name, address and telephone number of the author. This information can be withheld from publication upon request.

"It's this newspaper's business to raise constructive hell."



## Oval not foolproof according to new data

By SHAUNA HILL  
UD Staff

Encare Oval will not replace the pill as an almost foolproof contraceptive if new data and local observation are any indication, according to Norman Drake, member of Brownsville's Planned Parenthood board of directors and currently a graduate student at Tech.

The foam ovid (the technical term for the Encare Oval) is an over-the-counter contraceptive which was recently marketed in the United States. The contraceptive is a small, solid suppository which directions say should be inserted into the vagina from two hours to 10 minutes before intercourse.

uterine opening (cervix). This means those who attain a higher degree of sexual stimulation before inserting the Oval are more fully protected than those who don't. The tendency of women not to put the ovid in far enough or wait long enough before beginning intercourse is the main drawback of the Oval's activation process, Drake said.

The Brownsville branch of Planned Parenthood Association is doing an in-depth study of patients who use Encare as compared with those using foam and/or condoms. The study is trying to find out why patients switch methods, what they like about each, and how many actually get pregnant.

New findings indicate it must be inserted no more than 15 minutes before intercourse and is good for only one sexual act, Drake said.

The Oval contains no hormones and has been approved by the Food and Drug Administration, but it contains a spermicide, Drake said. Spermicide is anything that deters the growth, movement, or life of sperm cells. The spermicide in the Oval could "dissolve fingernail polish," although chemical analysis shows it to be no stronger than some foams, Drake said.

Irritation of the vagina or penis, which could be an allergic reaction, is one of the most common complaints about the Oval, she said.

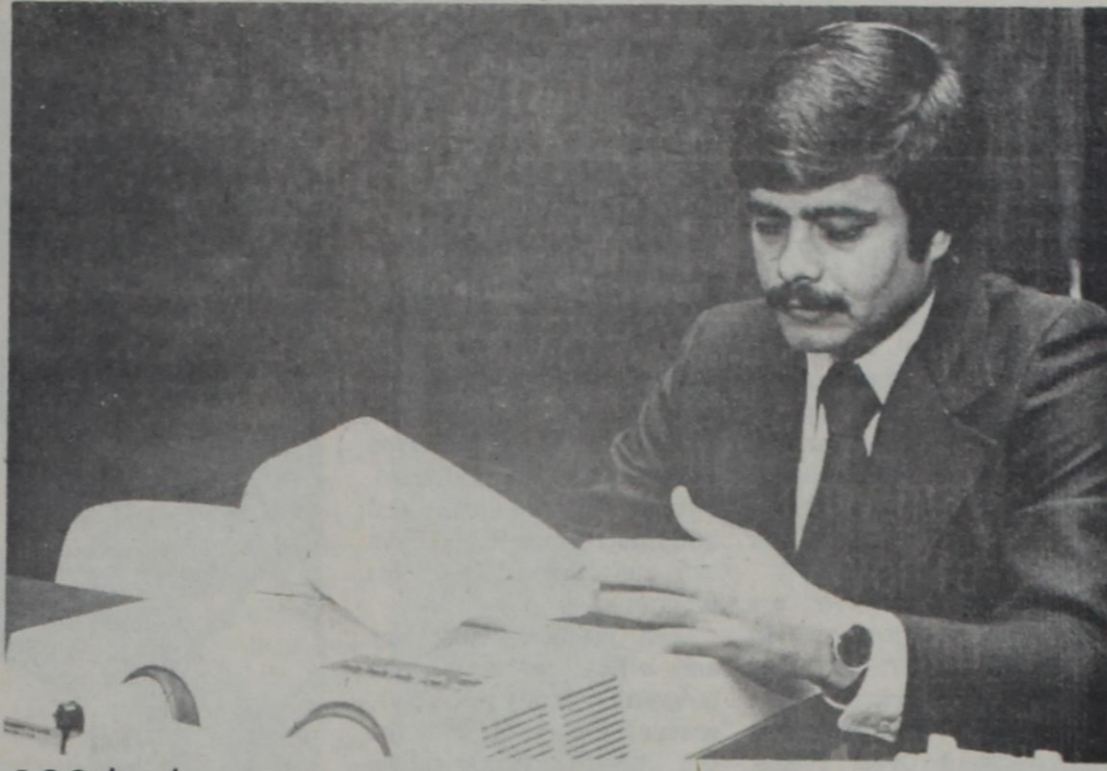
The foam ovid melts and foams in reaction to body heat and body fluids and is supposed to coat the entire vaginal region and form a mechanical barrier at the

## New veterans group to meet

Amvets, a service organization of veterans who served from 1940 through May 8, 1975, has scheduled an organizational meeting Saturday at 10 a.m. at the KoKo Inn.

At the meeting, a new Lubbock chapter of the organization will be chartered. Amvets, chartered by Congress in 1943, is designed to help veterans through various programs such as life and hospitalization group plans, a drivers program and assistance in dealing with the Veterans Administration. Dues are \$10 for regular members and \$4 a year for students.

Information should contact Cecil Harris at 793-0975.



100th doctorate

Rajesh (Tony) Kakar, from New Delhi, India, helped the College of Business Administration pass a milestone when he recently received the school's 100th Doctor of Business Administration degree. The first D.B.A. in the College of Business was awarded in 1968. Kakar has accepted a faculty position at Arizona State University, in Tempe.

## Graduate studies energy theories

BY EDDIE GOLDBERG  
UD Staff

Picture in your mind a train rolling down the track—except that it is not rolling, it is floating.

This train is one example of the possibilities of superconductivity.

Sixty-seven years ago Professor Heile Kamerlingh Onnes discovered superconductivity. Superconductivity is the capability of a conductor of energy, through the elimination of resistance, to perform without losing energy.

Debbie Roberts, a graduate student in physics, is performing research on the theories behind superconductivity.

According to Roberts, superconductivity happens through the lowering in temperature of a material that is a potential superconductor to near absolute zero, 459 degrees below zero Fahrenheit, at which point it is becoming a superconductor. Zinc, aluminum, lead, uranium and tungsten are some potential superconductors.

The problem in the use of superconductors is the impracticality of refrigerating thousands of miles of conductors to extremely low temperatures. The highest temperature at which conversion can take place is 418 degrees below zero Fahrenheit.

The problem could be alleviated through the solving of two more problems. The first is to learn the molecular conditions caused by the low temperatures and reproduce those conditions at room temperature. The second problem is to find an element or alloy that, in its natural state, is a superconductor.

Roberts is working on these two problems for her master's thesis. Working with Roberts is Dr. B.J. Marshall, professor of physics and engineering physics.

According to Roberts, the research involves sending ultrasonic waves through materials at low temperatures and observing the loss of energy of the ultrasonic waves.

According to Dr. Marshall, in some cases, as much as 90 percent of energy is lost in its transmission. If superconductors are put to practical use, energy and money can be saved.

Superconductors are classified as type I — pure elements, and type II — alloys and compounds. Type II superconductors have an ability to produce high magnetic fields at low energy for high-energy physics, magnetohydrodynamic generators and nuclear fusion reactors. This means that through the use of superconducting magnets, a generator would increase its energy production by three times while decreasing its power consumption. The installation of superconducting magnets with identical poles on the train and the train track would cause the train to float. This would eliminate energy loss through friction and also most of the need for repairs on train tracks.

### DOWN 6th ST. TO PANCAKE HOUSE Crossword Puzzler

ACROSS	3 Fasteners	4 Separate
1 Persian cap	4 Armed band	5 Frequently
9 Large tub	6 S a i n t s (abbr.)	7 Compass point
12 Silkworm	8 Act of erasing (pl.)	9 Small insectivorous bird
13 Later	10 Skill	11 Chinese pagoda
14 Man's name	16 Grain (pl.)	18 European capital
15 Expels from country	20 In bed	21 Vapor
17 Chief artery	22 Taut	24 Growing out of
19 Top of head	25 Beneath	28 Flinging
20 South African fox	26 Portion	33 Chapeaus
21 Let it stand	28 Taut	34 Manage
23 Cloudlike	31 Abstract being	32 Tint
27 Brief	34 Room in harem	35 Conjunction
29 Roman tyrant	36 Command to cat	37 Stage extra (colloq.)
30 A state (abbr.)	39 Interposed	42 French for father
31 Abstract being	43 Knocks	44 Winglike
32 Tint	46 Trumpeter bird	48 Foretell
34 Room in harem	51 Republican party (init.)	52 Birds' homes
35 Conjunction	54 Sunburn	55 Dutch town
36 Command to cat	56 Grain to be ground	57 Organ of sight
37 Stage extra (colloq.)	DOWN	1 Gave food to
39 Interposed	2 Before	
42 French for father		
43 Knocks		
44 Winglike		
46 Trumpeter bird		
48 Foretell		
51 Republican party (init.)		
52 Birds' homes		
54 Sunburn		
55 Dutch town		
56 Grain to be ground		
57 Organ of sight		

36 Old name for Thailand
 45 For fear that || 38 Javanese tree | 46 Mature |
40 Arrange in folds	47 Delly
41 Arrows	48 Greek letter
	49 Merry
	50 Compass point
	53 Tonic delly

CROSSWORD PUZZLE COURTESY OF  
**PANCAKE HOUSE**  
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## Military Science expects increase in enrollment

The department of military science expects to enroll a record number of freshmen students in military science courses this fall.

Captain B. B. Bell, assistant professor of military science, said course changes instituted in the freshman courses last fall might be a major factor in the enrollment increases.

"Army ROTC was down primarily because many age-old traditions were being carried on in the courses and were not relevant to student interests," said Bell.

"What we did last year was to sit down with students and

find out what things the students were interested in pursuing. Once we found out what students wanted and we determined what we could offer, we put together a course that should appeal to almost anyone," said Bell.

"I think the fact that our enrollment increased last year is proof the program must be working. In the fall of '76 we had 46 freshman students enrolled and we only had six of those enter the sophomore level. We were called the "Red Raider Special" by the department.

"Last year we had 226 freshmen enrolled, and at least 80 of those have expressed a desire to enter the sophomore level this fall.

"I hope that through word of mouth and our promotional activities this year we will have an enrollment of 300 in the freshman courses this fall," said Bell.

Bell added that the department has sent out letters to all incoming freshmen. The letters contain information about Military Science 111, which is being called the "Red Raider Special" by the department.

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welcome  
**registering freshmen**  
visit VARSITY and register for  
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AND BE SURE TO PICK UP YOUR FREE RED RAIDER ACTIVITY CALENDAR...

...EVERY TECH STUDENT ELIGIBLE

VARSITY HAS:

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2. Free Parking
3. Less Hassle
4. Master Charge and Visa accepted
5. Friendly and helpful service
6. Complete selections of Art and Engineering supplies
7. Things to dress up your dorm room
8. 10 percent off on T-shirts (Good thru Aug. 17th with coupon found in activity calendar.)

**Varsity**  
BOOK STORE

Across From  
Campus At  
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Avenue.

**THERE IS A DIFFERENCE!** OUR 40th YEAR

PREPARE FOR

MCAT  
LSAT · GMAT  
GRE · VAT · DAT  
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Illustration enlarged



# Lab researches wildlife, land management

By MARY ROBIN MEYER  
UD Staff

West Texas, as part of the Southern Great Plains, was once a great grassland. Native animals, such as the pronghorn antelope, roamed freely.

## Advertising class wins second in competition

Students enrolled in an advertising creative strategy course at Tech placed second in a national advertising competition designed to combat sexually transmissible diseases (STD).

The group of mass communications student selected "VD Isn't Funny" as the theme of their campaign.

The competition, conceived and funded by Almand "Bo" Carroll, semi-retired Atlanta, Ga., advertising executive, challenged college and university students to develop a multi-media campaign on the topic of STD, which Carroll believes to be "America's best-kept secret."

The contest attracted entries from college advertising, marketing and journalism classes across the nation. Entries were judged by a panel of advertising, radio and television professionals.

Carroll will present award plaques to Tech's Mass Communications Department on Thursday, Sept. 20.

reduction in their numbers. At the same time, such creatures as the ring-necked pheasant have benefitted from grain farming and extensive irrigation.

However, irrigation has led to diminishing water resources. With water limited, farmers on the Southern Great Plains may be forced to find income other than from crops. One way to increase income is through lease hunting, a practice used extensively in Central Texas, but not so widely known in West Texas.

The purpose of the Great Plains Wildlife Research Laboratory, a program of the U.S. Forest Service located on the Tech campus, is to promote wildlife conservation through economic incentive to private landowners.

Fred Stormer of the U.S. Forest Service is project leader of the lab. According to Stormer, the key to his program is the development of methods of managing land and wildlife.

The programs that Stormer and his staff, in conjunction with Tech, hope to initiate will benefit not only native wildlife, but the owners of the

land the wildlife live on. Through wildlife management an increase in income through lease hunting, as well as the conservation of such wildlife as the pronghorn, can be achieved.

One important example is the use of the thousands of playa lakes in the Southern Great Plains. Some farmers use the water in these basins for irrigation, some empty the plays and use the area for planting more crops.

These lakes, however, are an important part of the migratory pattern of many species of waterfowl. These species spend their winters on the Southern Great Plains, and without the playa lakes would face a drastic change in habitat. When the playa lakes are extensively used by farmers, the birds suffer. When the plays are given entirely to the migrating waterfowl, the farmers may lose economically.

Through proper wildlife management, Stormer thinks the waterfowl as well as the landowner can benefit from use of the playa lakes.

Landowners have been very cooperative so far, Stormer said. He thinks the economic incentive gives the landowners extra encouragement. The public does not advocate public use of private land, but since there is so little publicly owned land in Texas, owner cooperation is important.

The departments of range and wildlife management, park administration and landscape architecture are involved with the program at present. However, it is possible that other departments within the College of Agricultural Sciences and other departments across campus may become involved as the program continues.

Tech provides laboratory and office space for the program. Faculty members, graduate students and the U.S. Forest Service scientists share the project's work and funds.

If landowners can see the economic incentive for managing wildlife, concludes Stormer, the Southern Great Plains can remain a viable income-producing area, as well as one where conservation of wildlife is practiced for the good of all.



## Land Planning

Dr. H.N. van Lier, second from right, of The Netherlands Department of Land and Water Use, conducted a seminar this week at Tech for students and faculty in the Department of Park Administration and Landscape Architecture and other interested persons. He also toured the Lubbock Lakes Project, of special interest to him in relation to his work

in the long range improvement of land in rural areas for agricultural, recreational, housing, landscaping and biological purposes. At right is Pat Taylor, a graduate of the department and now a recreation and park specialist with the Texas Agricultural Experiment Station.

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What do the Canyon Lakes Project in Lubbock and the reclamation of land from the sea have in common?  
Dr. H.N. van Lier of the Netherlands Department of Land and Water Use was in

Lubbock this week to find the answers to this and other questions related to his special interest in long-range improvement of land in rural areas for agricultural, recreational, housing, landscaping and biological uses.

In a seminar he gave for students, faculty and others especially interested in his field, van Lier discussed in detail the history, present situation and future use of the new polders - land reclaimed from the sea.

He discussed the position of critics of the historic reclamation practices of the Netherlands and the shifts in the different land uses to which the polders are put with special attention to agriculture, landscaping, outdoor recreation and new towns.

Dr. James W. Kitchen of Tech's Department of Park Administration and Landscape Architecture arranged van Lier's visit and explained the attraction of the Canyon Lakes Project to van Lier and other visitors.

## Visitor studies lakes project

Lubbock this week to find the answers to this and other questions related to his special interest in long-range improvement of land in rural areas for agricultural, recreational, housing, landscaping and biological uses.

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# Moodies end absence

BY JAMES SIMON  
NEW YORK (AP)—After five years away from the studio, the Moody Blues have regrouped and released a new album that sounds like it could have been made before the group's breakup rather than a few months ago.

"There's a Moody Blues sound and we weren't about to move too far away from it because it's our sound, our music," guitarist Justin Hayward said by telephone from his home in England a few days before "Octave" premiered on 500 U.S. radio stations.

"It's a good Moodies album, I think our best, and our old fans will be pleased, I think," he said.

It's likely they will. The Moodies, famed for their orchestral sound and poetic lyrics, again have used the song writing talents of all five members to produce a varied, immediately likable album.

Hayward's guitar work is more dominant this time

around, giving the music what he calls a "punchier" sound. Four of the 10 new tunes are his, including "Driftwood" and "Top Rank Suite," which are driven by a saxophone, a change for the band.

"We weren't apart for as long as most people think," Hayward said. "While we recorded 'Seventh Sojourn' in 1972, we were still on the road in the middle of 1974," Hayward said. "After that, we decided we needed to break from each other, knowing full well that we would get back together. We've seen each other continually since then and the only question was when it would be."

The rock world - and the Moodies themselves - have changed considerably since the band first scored with "Go Now," a 1965 AM hit featuring Denny Laine, now with Paul McCartney's Wings. The current lineup - Hayward, keyboardist Mike Pinder, flautist Ray Thomas, bassist

John Lodge and drummer Graeme Edge - released seven bestselling albums together and toured to good notices in the early 1970s.

But the stakes are much higher now. Superstar groups currently sell two or three million copies of a single album, not just the 500,000 to qualify for gold record status. While the Moodies in the late '60s might have been happy to attract several thousand fans to the Felt Forum here, now they'd be expected to draw 60,000 people to football stadiums throughout the country, singing to teens 20 years their junior.

"We were somewhat apprehensive about what kind of reception we'd get, but the offers we've gotten for our concerts now are larger than they were when we were at the height of our popularity," Hayward said, noting the band plans an American tour near the end of the year.



Royal defense

Carrie Fisher portrays Princess Leia in the popular "Star Wars." The film is in its third Lubbock run, showing this time at the Village and Arnett-Benson theaters. "Star Wars" begins its second of a minimum three-week engagement. Fisher is the daughter of actress Debbie Reynolds.

# Singer reflects on Africa

By JOE EDWARDS  
Associated Press Writer

NASHVILLE, Tenn. (AP) — Pop Singer Dobie Gray, who recently returned from a five-week concert tour of South Africa, says despite racial problems in the country, "they all understand music."

Gray, best known for hits like "Loving Arms," "In Crowd," "Drift Away" and "Look at Me," was among the first black entertainers to tour South Africa after the recent opening of theaters to racially mixed audiences.

"It would be good for most artists to go there," Gray said in an interview. "We don't realize how starved for good entertainment they are or how big American artists are over there. And the money was so good, I couldn't pass it up. It was a terrific experience." Accompanied by a three-piece band, Gray said he

performed 50 shows before audiences totaling 125,000, with 45 of the shows sold out. His concerts were in Cape Town, Johannesburg, East London, Port Elizabeth and Durban.

"I sympathize with the situation there," Gray said. "It's very complicated and more than just white and black."

Gray, who also toured the country in 1976, noted a different atmosphere this time. "People seemed to be more in a hurry now," he said. "There was more tension in the air than last time. But still, they boogie and have a good time. Maybe it's because of the pressures of outside aggression."

He described his audiences as equally mixed between blacks and whites, most of them "common people." "They are super people."

They just couldn't do enough for me. I don't believe I bought over two meals. Plus the people just heaped presents on me — flowers, cakes, meats. ... I understand all American artists get treated well there."

It's been four years since Gray's last hit, "Loving Arms." But he said he's been busy with other things.

He took a year off to write the screenplay for the movie "The Collection," and also toured Australia and England.

He's currently without a record label, but said he expects to sign a contract soon.

"I recorded five cuts in May and I need to finalize them. They are a little more 'today' than I've been before—a little more oriented to the dancer but not without good lyrics and treatment," he said.

"I'm not unhappy at all," he said. "I'm groovin' with life."

# Entertainment

MUSIC  
White Stone tonight at 9 at the Cotton Club. Cover charge for the hard rock band is \$2.50.

The Vicki Turner Band tonight and Saturday at Cold Water Country. Cover charge is \$2 for men only.

Sting, rhythm and blues and soul, Saturday at 9 p.m. at the Cotton Club. Admission is free.

The W. C. Clark and T. W. Henderson Blues Band from Austin tonight and Saturday at Stubb's. Cover charge is \$2.

"Playday at the Aquatic Center" today from 2 to 7 p.m. Rock band Little Imo will perform from 5 to 7 p.m. "Playday" is free.

MOVIES  
"Butterflies Are Free" today at 1 p.m. in the UC Senate Room and 7 p.m. at the Aquatic Center. No admission will be charged.

"Damien—Omen II," "Jaws II," "Swarm" and "The Goodbye Girl" at

the Showplace.  
"Heaven Can Wait," "Grease," "Foul Play" and International Velvet with "The Bad News Bears Go To Japan" at the Fox Fourplex.

"The End," "Revenge of the Pink Panther," "Convoy" and "Cheap Detective" at South Plains Cinema.

"Cat From Outer Space" at the Winchester.

"Boys From Company C" at Cinema West.

"Star Wars" at the Village and Arnett-Benson.

"Skyriders" and "The Last Hard Men" at the Lindsey.

UPCOMING  
Van Halen and Rick Derringer Thursday at 8 p.m. in the Municipal Auditorium. A limited number of \$5.50 tickets will be sold in addition to \$6.50 tickets. They are available at B&B Music, Al's Music Machine, both locations of Flipside Records, the Music

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# Actor not limited by 'Rockford' role



'Equus 2'?

No, Tatum O'Neal is not trying to emulate Peter Firth's strange antics with her horse. O'Neal, famed daughter of actor Ryan O'Neal, is one of the stars from the new MGM-

United Artists release "International Velvet." The film is now showing at the Fox Fourplex.

**BY JERRY BUCK**  
AP Television Writer  
LOS ANGELES (AP)—One of the constancies of "The Rockford Files" is that when the going gets tough you know that Angel Martin is going to run.  
Angel, played by Stuart Margolin, may be the most cowardly, sneaky and unreliable sidekick a hero has ever had to suffer. In fact, it seems his main contribution to the series is to see that James Garner's Rockford gets into trouble.

The character has been honed to perfection by Margolin, who got in early practice as Garner's shifty co-star in the short-lived series "Nichols."

"Angel is definitely paranoid," said Margolin. "I think it's his paranoia that people identify with. You never know what the guy behind you is doing."  
"Rockford is his scapegoat."

He's the most available guy to point the finger at. I think he trusts Rockford the most, and Rockford trusts Angel to do certain things. He knows he will sell him out. He's consistent."

Margolin, 38, who plays Angel in six episodes a year on the NBC series, said the character is modeled after a golf hustler he once knew. "In my mind Angel is a descendent of him," he said. "He's a hustler, a street character. Angel's a snitch."

At present, Margolin is devoting his attention to a comedy pilot called "Young Guy Christian." He is directing from a script by Jerry Belson. Earlier, he directed his first TV movie, "Suddenly Love," starring Cindy Williams and Paul Shenar.

Margolin is also a writer and composer. He was the author of "The Ballad of Andy

Crocker," an early ABC Movie of the Week that starred Lee Majors as a soldier returning from Vietnam.

He has several movies he's written under option at this time. He said, "I look for commercial ideas, but I come up with characters. That's what I want to do more of,

write. I'm writing so I can direct. My goal is to write and direct."

He recently wrote a script based on the life of Elvis Presley, which he hopes to direct.

Like Angel, Margolin is a product of the Southwest. He was born in Davenport, Iowa, but was raised in Dallas and

Scottsdale, Ariz. A brother, Arnold, is a television writer and producer.

He considers Dallas his hometown, but said, "I lost my Texas accent for parts by doing dialect coaching. When I was younger, it seemed to me people were staring and laughing. Now as a comedy actor it seemed justified."

## UC sets free 'Playday'

University Center Programs and the Recreational Aquatic Center will present a "Playday" and concert Saturday in the Aquatic Center.

Water games, such as volleyball, polo, chicken fights, diving competition, innertube races, wet T-shirt races, greased watermelon races and clown - diving

competition will be from 2-5 p.m.

Individuals or teams may register for the games in the activities office at the University Center.

Music will be provided by Little Imo from 5-7 p.m.

The Dr. Pepper and 7-Up bottling companies will furnish nickel drinks all day. T-shirts will be given away as

prizes. There will be no charge for Tech students' participation.

A Frisbee golf game is planned for the northwest recreational field, in addition to the activities in the Aquatic Center. Players will be charged \$1. All proceeds will go to the Muscular Dystrophy fund.

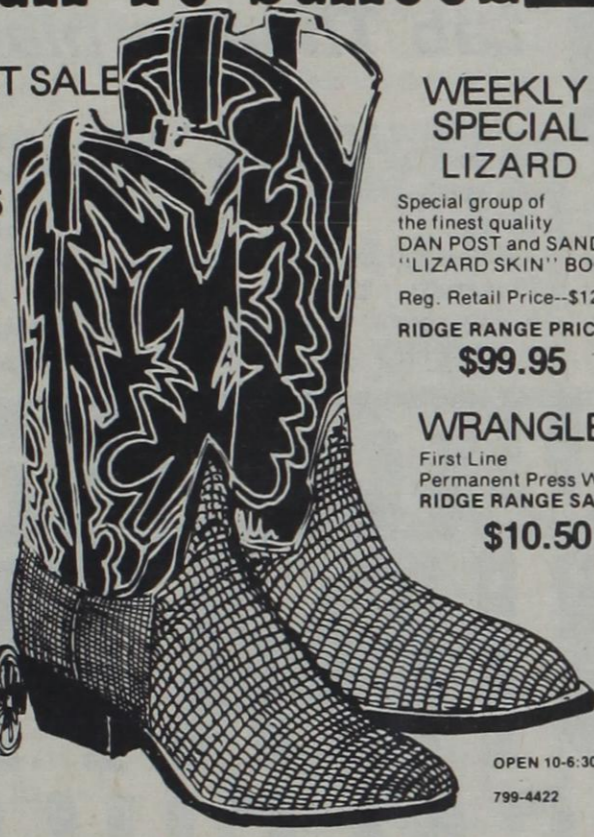
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Baseball Gloves 25% OFF		
Baseball pants and shirts-one rack 1/2 Price		
Special group baseball caps--\$1.00 each		
Wilson "World Class" Tennis rackets...	Reg. 49.95	\$37.50
Jack Kramer Autograph tennis racket...	Reg. 35.95	\$25.95
Yamaha YFG 20 (6 rackets left)...	Reg. 42.00	\$28.95
Save \$26.00 on Yamaha YFG 50 (5 rackets left)...	Reg. 76.00...now \$50.00	
Jack Kramer Prostaff...	Reg. 34.95	\$22.95
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Running wide

be among the Red Raiders' strong stable of wide receivers for the 1978 football season. (Photo by Richard Hallim)

Tech wide receivers Godfrey Turner, Edwin Newsome and Mike Morris practice running for fall drills which begin Aug. 19. They will

## North All-Stars try evening series

HOUSTON (AP)—The North, with its towering inside force of Anthony Lee, James Griffin and Eddy Kerr, will try to end the shorter South's two-year domination tonight in the Texas High School Coaches Association North-South All-Star basketball game.

The South, which has won the last two coaching school encounters, could even the overall series at 17-17 with an upset victory at Hofheinz Pavilion.

"There's no way the South are going to mess with us inside," said Lee, who averaged 23 points for John Tyler last season. "I feel the South will have to shoot from the outside because the North will have the inside blocked."

The South will be at a distinct height disadvantage. The North has five players at least 6-6 including Lee and Griffin, of Fort Worth Dunbar at 6-9 and Kerr, of Lamesa at 6-10. The South must counter with only three 6-6 players, including Broadus Terry Teagle, who may be sidelined with an ankle injury.

"Well, we've got three 5-8 players," joked South Coach Bob Latham of Houston Westchester, who hopes his

## Tennis class still open

Students, faculty and staff may still sign up for advanced tennis lessons sponsored by Recreational Sports.

The lessons will run Monday - Thursday, July 31-Aug. 3 from 6-7:30 p.m.

To register for the class, call Recreational Sports at 742-3351 or sign up at Building X-17. Carla Weathersby, former Tech tennis player will be the instructor.

outside sharpshooters and defense will make the difference.

"We'll just have to see about that Friday night," Teagle said in response to Lee's vow to seal off the inside. "We know they have the height advantage but we've got quickness, speed and shooting that will balance things out."

The South's quickness, speed and shooting could be supplied by Jerry Davis of West Oso, who averaged 34 points per game last season, Arthur Gray of Beaumont South Park, who carried a 32-point average and Houston Westchester's Joe Costello, a 14.6 scorer as a senior.

## Teaff tired of Hogs crying

HOUSTON (AP) — Baylor Coach Grant Teaff says he's "sick and tired" of hearing about University of Arkansas problems and a possibility the Razorbacks might leave the Southwest Conference.

"My feeling is, if they want out, don't let the door hit them in the rear on the way out," Teaff said during remarks at the Texas High School Coaches Association Coaching School.

"I'm sick and tired of hearing about Arkansas and all of their problems," the normally soft-spoken Teaff said. "If they don't like the Southwest Conference, then they ought to get out. If they like it, they

ought to shut up and get along. We could get along just fine without them. To decry our conference day after day is not right.

"The conference was just fine when they had a 5-5 record in 1976 and the conference was just fine after they were 11-1 in 1977."

Arkansas has complained of officiating in the SWC and of poor pay days when playing on the road against private schools.

"I'm totally sympathetic with some of their problems," Teaff said. "But some of them aren't valid — officiating for example. We have paid them more for playing us in

Waco than they have paid us in Fayetteville."

Teaff apparently was ired by a suggestion in a Houston newspaper the SWC private schools should get out of the conference.

"Baylor, Rice, TCU and SMU have made unbelievable contributions to this conference," he said. "Two or three are experiencing problems but they will be back. I can promise you that.

"We at Baylor are capable of competing on any level with any of the other schools. We consider ourselves inferior to no one. We are committed to beating all of them."

## USOC warns options still open for 1980 Olympics

COLORADO SPRINGS, Colo. (AP)—The first National Sports Festival, aimed at an improvement of America's Olympic forces, opened Thursday after a paradoxical warning from the U.S. Olympic Committee that the United States is keeping open its options on participating in the 1980 Games in Moscow.

"In the event the IOC International Olympic Committee failed to follow its own rules and regulations in the area of human rights, we would have to determine if the Games were, in fact, Olympic Games," said Robert Kane, president of the U.S. Olympic Committee, the sponsoring organization for the Sports Festival.

"If we determine they were non-Olympic Games, then we would have to question our authority to spend the money

necessary to send a team to a non-Olympic competition."

The statement was made at a morning news conference before some 2,100 athletes began four days of competition in 26 sports in a massive, expensive, ambitious venture directed toward a broad-based improvement of America's Olympic teams.

Kane and Don Miller, executive director of the USOC, said the comment was a re-statement of USOC policy that attempted to force the inclusion of Taiwan in the 1976 Games at Montreal over the objection of Canadian Premier Trudeau.

It came in the wake of what Kane called "false rumors" that Russia was attempting to exclude Israel from the 1980 Games.

The U.S. Olympic Com-

mittee, Kane said, has told Isreal it "will stand staunchly by their side if anything happens." Kane, however, negated the possibility of an incident of that nature.

Kane also said he has a meeting scheduled Sunday in Colorado Springs with Los Angeles Mayor Tom Bradley in an attempt to work out problems involved in Los Angeles' potential role as host city for the 1984 Games. "As a personal opinion, I think the chances are pretty good" the problems can be resolved, Kane said.

Only a handful of final events were scheduled Thursday at the various Sports Festival venues scattered around the Pikes Peak area. Track and field competition opens Friday. Swimming is an AAU regional event only.

## Nun feeds, cares for Steelers

LATROBE, Pa. (AP)—Sister Pancratia dishes out more than food at the Pittsburgh Steeler training camp, temporary home to some of the biggest appetites in the National Football League.

"She talks to the ballplayers, makes sure they eat and get rest. She always says she hopes none of us get hurt and we have a good year," said wide receiver Lynn Swann.

Sister Pancratia and other Benedictine Sisters have filled plates at the Steelers' St. Vincent College training camp for more than 10 years.

The nuns fled Germany before and during World War II to escape the Nazi regime. In all, 31 emigrated. But time and lack of new recruits has dwindled their force to 23.

They still wear long, black habits with folds of cloth hiding rosary beads. Most haven't mastered English, and American football remains a mystery - one that has sparked curiosity.

"We watch practice sometimes," said Mother Superior Hedwig in a kitchen interview. "Our rooms are on the first and third floors. We have the best views.

"Some of the sisters are very keen. They watch it during the year. They are very disappointed if they lose."

Sister Pancratia is the only nun on the serving line when the Steelers are in camp. The others prepare food in a dozen ovens and on clean tables in a basement kitchen.

They seem tireless. Several years ago, one elderly nun passed out while cutting meat. She was sent to bed but returned to the butcher shop the next day. Later it was discovered she had suffered a heart attack.

Another sister once fell out of a tree and broke her leg while collecting apples. Undaunted, she returned to the kitchen and made applesauce.

"We are used to this kind of domestic work. We enjoy to do it," Mother Hedwig said with her thick German accent. "Our sisters are very dedicated to the work, very dedicated."

The sisters and a lay staff prepare three meals a day for the 100 persons in the Steeler entourage. The menus are prepared by team trainer Ralph Berlin.

"The Steelers have training food. They have a really light lunch but they have a good dinner," said Sister Pancratia.

The training tables are full with food from fresh fruit to salt tablets. There's an abundance of eggs, beef and liquids. And there's always soup, cottage cheese and jello for those with upset stomachs.

Dinner and lunch are mandatory for the players. Breakfast isn't.

"The food's pretty good," said quarterback Mike Kruczek. "But they still serve fish on Friday."

## Intramural deadlines near

The last chance for Techs to sign up for co-rec innertube basketball and other summer school intramurals is approaching rapidly.

Tennis singles, spaceball singles, co-rec tennis, golf doubles and the inner-tube basketball have an Aug. 4

deadline. The inner-tube basketball will either be a round robin tournament or a week-end tournament, depending upon the number of entries. The tournament will be in the Aquatic Center.

Entries must be turned in at Building X-17 by 5 p.m. Aug. 4.

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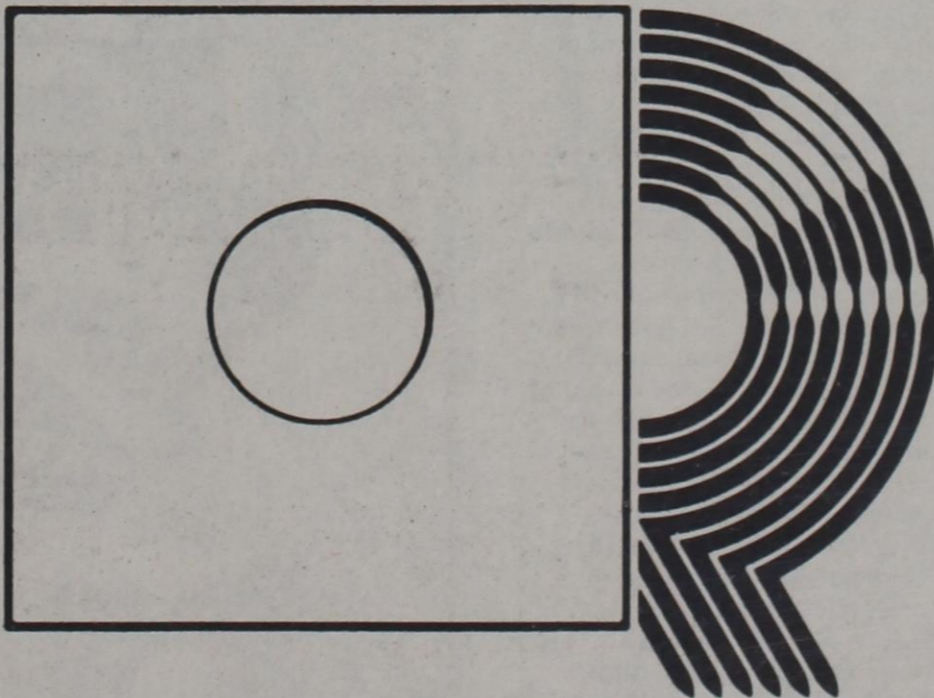
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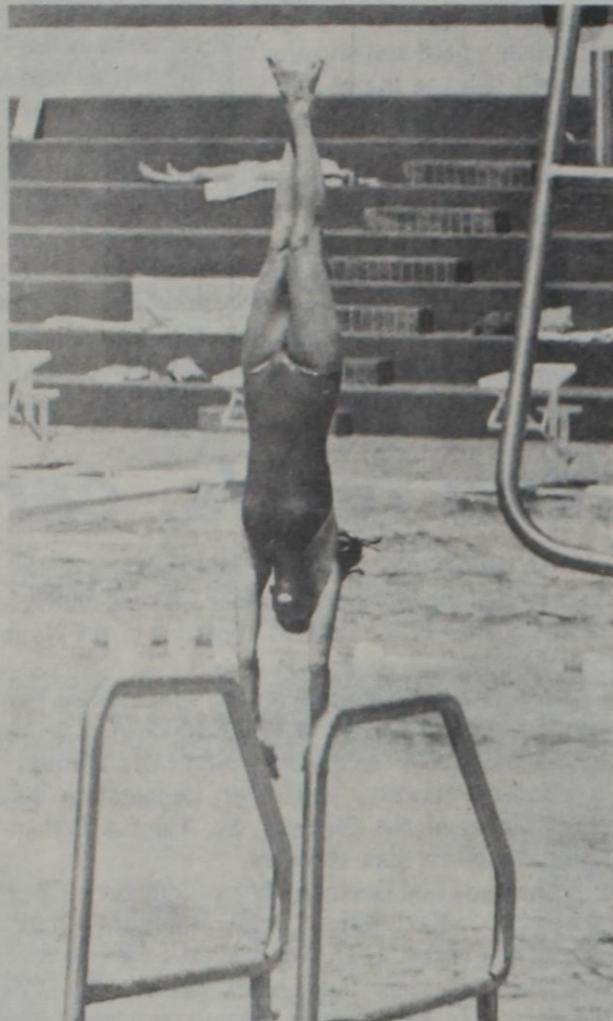


# TECHnique

This page of the UNIVERSITY DAILY is written, edited and published by Texas Tech University News and Publications. The next issue of TECHnique is scheduled for Sept. 25.

## Cheat the heat . . . keep cool at the pool

Photos by Debbie Elkins and Dan English at the Recreational Aquatic Center



## Travel service offers counseling, recommendations for going abroad

AMERICAN STUDENTS are backpacking through England and Ireland and sailing across the Mediterranean. Some are touring Russia experiencing an African safari or camping in the savage desert of the Sinai Peninsula.

The University Center Programs Travel Service offers individual counseling to Tech students or faculty interested in such experiences.

Future travelers receive information about their destinations from students who have traveled there. The counseling is chiefly designed for students who will be traveling alone or in small groups not organized by a travel agency. The student-operated counseling service has been in operation for a year and has counseled approximately 50 students on such topics as how to use foreign subways, where to find the best accommodations for the least money and where to exchange foreign currency.

The main body of counseling deals with foreign customs. A student traveling alone can encounter considerable problems if he does not know the traditions of the country he is visiting.

Students also sponsor travel forums and a travel fair featuring

products from other countries and information about the countries.

The Tech Travel Service is affiliated with the Council on International Educational Exchange (CIEE), which encourages student travel by providing information on budget accommodations, camping abroad, working in foreign countries and discounted travel opportunities for students.

CIEE also offers an International Student Identity Card which entitles the bearer to such overseas benefits as travel insurance, a discount on airline tickets and rail passes within Europe, low-cost admission to cultural events and special rates at youth accommodations, called hostels.

The council also sponsors relatively low-cost tours of Europe, Russia, Israel and Africa, as well as transatlantic sailing voyages.

Although the Travel Service primarily deals with information about foreign countries, committee members also maintain the UC's Travel Center, which offers free travel brochures for areas both inside and outside the United States.

The Tech Travel Service which works closely with local travel

agencies, offers this advice for students thinking of traveling abroad:

"Foreign travel is probably one of the most beneficial activities students can do. When abroad they should use common sense and be careful in major cities. They should also be aware of the customs of the country they are visiting."

### It happened to . . .

**Raffi M. Turian**, named chairperson of the Department of Chemical Engineering at Texas Tech. Turian, from Syracuse University, succeeds Dr. James E. Halligan, who resigned to become dean of engineering at the University of Missouri, Rolla.

**Fred A. Stormer**, appointed project leader of the Great Plains Wildlife Research Laboratory of the U.S. Forest Service Rocky Mountain Forest and Range Experiment Station on the Texas Tech campus. He holds an adjunct professorship in the College of Agricultural Sciences.

**Walter W. Stueck**, named head of the Traffic Safety Coordination Program on campus. He came to Texas Tech from Southwest Texas Junior College, Uvalde.

**Joseph Tatum**, appointed muscle biologist and physiologist with the Department of Animal Science. He will teach a course in animal physiology and conduct research in the meats program. He is completing doctoral degree requirements at Texas A&M University.

**Gary S. Elbow**, associate professor of geography, elected chairperson of the board of directors of the Conference of Latin Americanist Geographers.

**James Arthur Goss**, named chairperson of the Department of Anthropology. He succeeds Dr. Evelyn I. Montgomery, interim chairperson.

**James W. Bowers**, former partner in the law firm of Briggs and Morgan of St. Paul, Minn., new Law School faculty member. His areas of responsibility include government contracts, uniform commercial law and contracts.

**Kari D. Gordon**, appointed supervisor of the school of correspondence in the Office of Continuing Education. She succeeds Bea Russell who has moved to Bowling Green, Ohio.

## Salary increases, other benefits effective Sept. 1

Texas Tech University employees will receive salary increases effective Sept. 1.

Mandatory increases of 3.4 percent go into effect for all classified personnel, as a result of action by the last Legislature.

Merit increases for faculty, professional and administrative employees averaging 3.4 percent also are effective with the first of the fiscal year.

The procedure that will result in the largest hike in take-home pay will be the state's payment of most of the employee's portion of the Social Security (FICA) tax.

The state will pay the first 5.85 percent of the first \$16,500 salary of the employee in addition to the employer's portion. That leaves only .2 percent of the first \$16,500 to be paid by the employee plus the full 6.05 percent of the amount over \$16,500 and under \$17,700, according to the Personnel Office. No FICA tax is levied on salary above \$17,700 this year.

That means, Personnel said, that employees earning more than \$16,500 will receive a check sometime during the fiscal year from which additional money will be withheld to pay for that 6.05 percent on annual income between \$16,500 and \$17,700.

## Budget requests for fiscal '80 show increase

THE APPROPRIATIONS request for Texas Tech University for the 1979-80 fiscal year show an 18.29 percent increase in general operating funds over the 1978-79 appropriation, according to figures prepared by the University Budget Office.

The 1979-80 request for the School of Medicine is up 43.64 percent and The Museum of Texas Tech University up 27.96 percent.

The total fiscal year 1980 request for the university,



**PRIZE-WINNING PHOTOGRAPHER**—Robert L. Suddarth, photographer-draftsman for the Geosciences Department, took high honors with three photographs at the annual convention of the Professional Photographers of America in Las Vegas. One of the three was chosen for permanent display with the Traveling Loan Collection. He is shown with a copy of the one chosen for the display. His model was Kim Brakeley, Monterey High School senior and daughter of Mr. and Mrs. Peter Brakeley of Reese Air Force Base. She is shown standing in the doorway of an abandoned house near Lubbock. (Photo by Debbie Elkins)

## Tech cabinetmakers produce carillon practice keyboard

TWO TEXAS TECH cabinetmakers, whose skills and crafts border on art, have built from miscellaneous materials . . . most of which are available at the nearest discount building products store . . . a sophisticated carillon practice keyboard.

With suggestions and supervision by carillonneur Judson D. Maynard and some precision work by a graduate student on the aluminum bars which provide the tones, D. H. Ritchey and Jim Bob Swinney spent about three working weeks building the instrument now in use in the Music Department for instructional purposes.

Maynard said he had not seen such a keyboard anywhere that was better than the one built in Tech's Cabinet Shop. Factory-produced keyboards range as high as \$12,000.

The practice instrument is a replica of the one produced by Van Bergan Bell Founders, who constructed the Charles and Georgia Robertson Baird Carillon in the west tower of the Administration Building.

The company provided plans for Ritchey and Swinney. Ritchey did the design work. Roughly the size and shape of an upright piano, it is constructed of oak, with the mechanism made with shelf brackets, chains, aluminum bars, and, even ordinary springs.

The two levels of polished oak bars protruding from the front of the instrument correspond to the black and white notes of a piano. There are 14 keys on the upper level, 22 on the lower. When pulled sharply downward, each bar triggers a wood and metal mechanism which strikes one of the aluminum bars, simulating a tone of the carillon.

The bars were built and tuned by music major John Anthony as a project for an acoustics class. The lower 18 notes of the carillon are duplicated by 18 foot-operated pedals slightly above floor level.



**HISTORY BOOKS**—A complete collection of the monthly magazine published by the Texas Parks and Wildlife Department, beginning in 1942, has been presented to the Texas Tech University Southwest Collection for the use of researchers. Parks and Wildlife Commissioner Joe Kirk Fulton, right, made the gift to Dr. Clyde E. Kelsey Jr., second from right, vice president for Development and University Relations. David Murrah, left, is director of the Southwest Collection. Next to him is the collector, Weldon Fromm, Lubbock regional law enforcement director for the Texas department. (Photo by Dan English)



**CABINETMAKERS SHOW OFF WORK**—Two Texas Tech cabinetmakers, D. H. Ritchey, left, and Jim Bob Swinney, exhibit the workings of the sophisticated carillon practice keyboard they made

for the Music Department. Standing at right is carillonneur Judson D. Maynard, music professor. (Photo by Debbie Elkins)



**THANKS TO SUPPORTERS**—Three Lubbock bank executives were recently saluted by the Public Broadcasting Service (PBS) for their support for programming for the Texas Tech University educational television station, KTXT-TV. Plaque presentations were made by Peggy Gibbs, left, KTXT-TV director of development, to Mrs. Bobbie Scoggin, vice president of American State Bank; Tommie Stevens, president of Texas Commerce Bank, second from right; and Alan B. White, vice president of Lubbock National Bank. (Photo by Dan English)