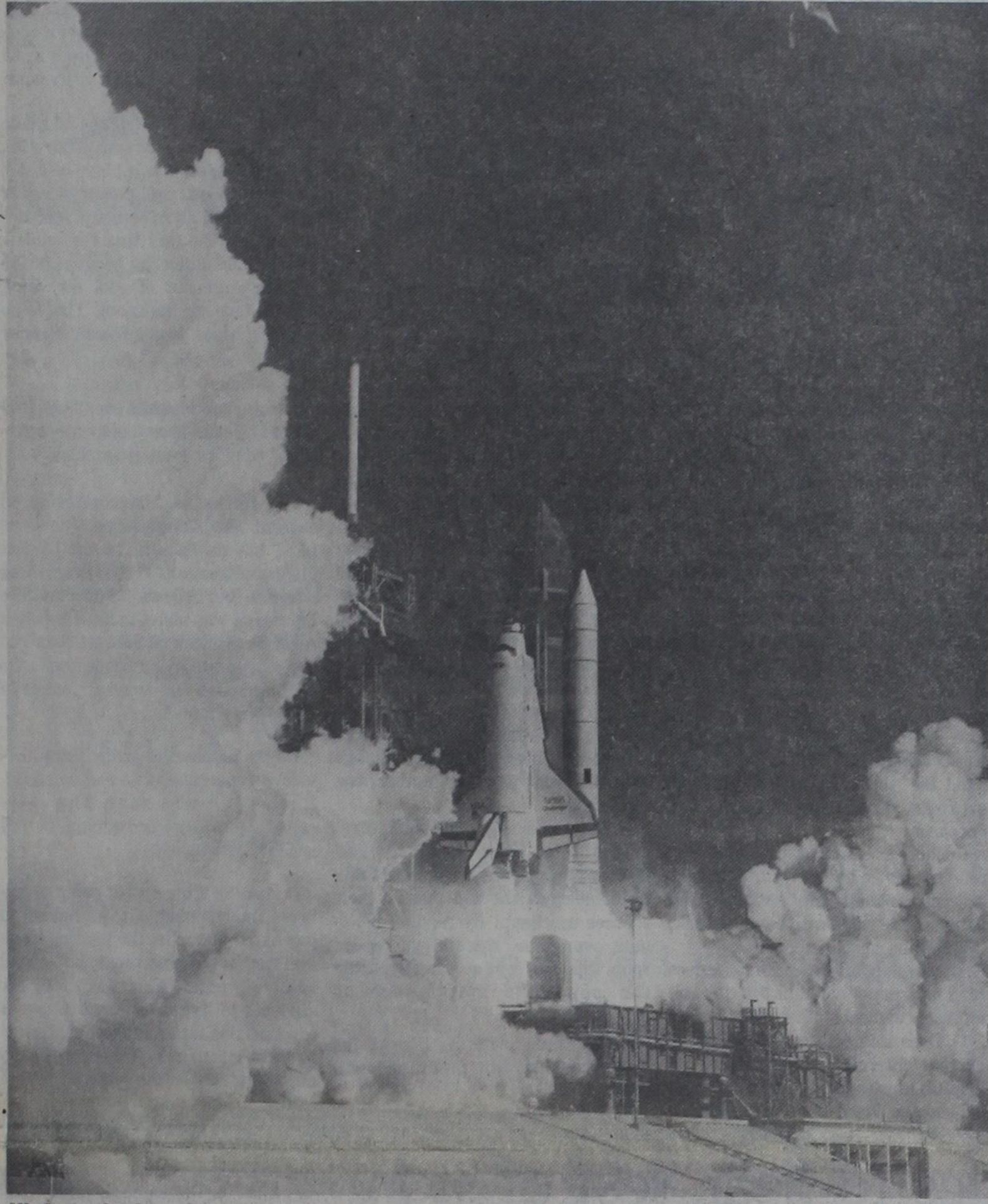




# Shuttle explosion kills crew members



NASA photograph

## Ill-fated shuttle

The space shuttle Challenger blasts off at the beginning of a 1984 mission. Less than two years after this NASA photograph was taken,

the shuttle exploded in flight, killing its seven crew members.

By The Associated Press

CAPE CANAVERAL — A catastrophic explosion blew apart the space shuttle Challenger 75 seconds after liftoff Tuesday, sending school teacher Christa McAuliffe and six NASA astronauts to a fiery death in the sky eight miles out from Kennedy Space Center.

"We mourn seven heroes," said President Reagan.

The accident defied quick explanation, though a slow-motion replay seemed to show an initial explosion in one of two peel-away rocket boosters igniting the shuttle's huge external fuel tank. The tank burst into a fireball that destroyed Challenger high above the Atlantic while crew families and NASA officials watched in despair from the Cape.

Other observers noted that the boosters continued to fly crazily through the sky after the explosion, apparently under full power, indicating that the fatal explosion might have originated in the giant tank itself.

"We will not speculate as to the specific cause of the explosion based on that footage," said Jesse Moore, NASA's top shuttle administrator. National Aeronautics and Space Administration officials are organizing an investigating board and Moore said it will take a "careful review" of all data "before we can reach any conclusions."

Never before in 56 manned space missions had Americans died in flight. John Glenn, the former astronaut, recalled that three astronauts died in a launch-pad training accident 19 years ago and said the history of pioneers often is one "of triumph and tragedy."

The explosion followed an apparently flawless launch, delayed two hours as officials analyzed the danger from icicles that formed in the frosty Florida morning along the shuttle's new launch pad.

"There were no signs of abnormalities on the screens" as flight controllers monitored Challenger's liftoff

and ascent, a source said. The source, at the Johnson Space Center in Houston, said the blast occurred "unexpectedly and with absolutely no warning."

"We have a report from the flight dynamics officer that the vehicle has exploded. Flight director confirms that," said NASA's Steve Nesbitt.

Mission Control reported that there had been no indication of any problem with the three shuttle engines, its twin solid boosters or any other system and that the shuttle just suddenly blew apart 10 miles high and 8 miles downrange of Cape Canaveral. Ninety minutes after the accident, controllers still were at their consoles, solemnly examining flight data.

Flags at Cape Canaveral were lowered to half-staff. The countdown clock that marks the progress of the mission continued for hours.

Reagan, in an Oval Office address after he postponed his State of the Union message because of the tragedy, reaffirmed his commitment to the shuttle program and said, "The future doesn't belong to the faint-hearted, it belongs to the brave."

"We will continue our quest in space," he said. "There will be more shuttle flights and more shuttle crews and, yes, more volunteers, more civilians, more teachers in space."

He added: "Nothing stops here." NASA delayed its announcement that there appeared to be no survivors until it had conducted search-and-rescue efforts. Even before Moore's statement, it seemed impossible anyone could have survived such a cataclysm.

The crew included McAuliffe and six NASA astronauts: commander Francis R. Scobee, 46, pilot Michael J. Smith, 40; Judith Resnik, 36; Ronald E. McNair, 35; Ellison S. Onizuka, 39; and Gregory B. Jarvis, 41.

"I regret that I have to report that based on very preliminary searches of the ocean where the Challenger impacted this morning, these searches

have not revealed any evidence that the crew of Challenger survived," Moore, NASA associate administrator, told a midafternoon news conference.

Col. John Shults, director of Defense Department contingency operations here, said a search armada of helicopters, ships and planes had spotted several pieces of debris floating in the Atlantic.

"We have seen several pieces, what looked to be about five or 10 feet long and a couple feet wide," he said. The debris will be recovered and brought to a hangar at nearby Patrick Air Force Base.

The president watched video replays in "stunned silence," and sent Vice President George Bush here to convey his sympathies to the families of the crew.

"It's a terrible thing," Reagan told reporters. "I just can't get out of my mind her (Mrs. McAuliffe) husband, her children, as well as the families of the others on board."

"Oh, my God, no!" exclaimed first lady Nancy Reagan, who was watching the launch in the White House family quarters.

New Hampshire school children, drawn to this launch because of the presence of McAuliffe, the first "common citizen" chosen to make a space flight, screamed and fought back tears. Americans everywhere watched in disbelief as television networks replayed the shuttle explosion.

Addressing school children who watched this flight more closely than others because a teacher was aboard and many special projects were planned for them, Reagan said:

"I know it's hard to understand, but sometimes painful things like this happen. It's all part of the process of exploration and discovery. It's all part of taking a chance and expanding man's horizons." Earlier he had said, "You have to be out there on the frontier taking risks. Make it plain to them that life must go on."

See related stories on page 4

## Shuttle may need design changes

By The Associated Press

HOUSTON — Former astronaut Alan Bean, who had the responsibility of training space shuttle participants in his last NASA job, said Tuesday the cause of the explosion that destroyed Challenger may require design changes.

Bean said he never imagined that one of the space shuttles would be devastated by an explosion. But he said the risks were inherent in a pro-

ject on the leading edge of technology. "We are talking about a failure of some fundamental part of the shuttle. It could be bad metalurgy, it could be overpressure of some sort or plain old metal fatigue," Bean said.

A blast ripped apart the space shuttle Challenger 75 seconds after liftoff Tuesday from Cape Canaveral, Fla. School teacher Christa McAuliffe and six NASA astronauts were aboard the craft.

"I have to be honest. I never thought this would happen. I knew it

was possible," Bean said. "I never imagined we would have a failure like that. I imagined that one engine could quit or two engines could quit or the hydraulics might quit working and you have to come home early. I did not believe that this kind of failure could occur."

Bean, who was chief of operations and training, when he left the National Aeronautics and Space Administration, said he knew most of the members of the ill-fated Challenger's crew.

## Close calls part of space flights

By The Associated Press

WASHINGTON — Never in 55 manned space flights had the United States suffered a death. The only fatalities in the space program had occurred on the launch pad, while three Apollo astronauts were going through a rehearsal.

Death was a possibility all astronauts faced and one that some people said would have to happen sometime.

Monday was the 19th anniversary of the deaths of Air Force Lt. Col. Virgil "Gus" Grissom, Air Force Lt. Col.

Edward Higgins White II and Lt. Cmdr. Roger B. Chaffee. They were in the Apollo 1 capsule, 218 feet above the Kennedy Space Center's pad 34, on Jan. 27, 1967, when fire swept through the craft.

There were other close calls, notably Apollo 13. That ship was 200,000 miles away, en route to the moon in 1970 when its oxygen tank exploded. Left without power and heat, the astronauts crawled into the attached lunar lander and huddled there while gravity carried them around the moon and back toward Earth.

America had its first space scare on

the second manned space flight, when Grissom rode the Mercury spacecraft Liberty Bell 7 in a 15-minute suborbital flight. The spacecraft parachuted into the Atlantic and sank. Grissom had to swim for his life in his awkward spacesuit.

Also in the Mercury program, the first American orbital flight by John H. Glenn Jr., Mission Control got an indication that a rocket package had broken loose and possibly would not work. Without it, Glenn would have been trapped in orbit.

The rocket worked, and he landed safely.

75 SECONDS INTO FLIGHT, CHALLENGER BEGINS TO THROTTLE UP TO MAXIMUM THRUST, SHUTTLE EXPLODES.



35 SECONDS INTO FLIGHT CHALLENGER THROTTLES DOWN TO 60 PERCENT LEVEL.



CHALLENGER LAUNCHES FROM CAPE CANAVERAL AT 11:38 A.M. EST.

Shane Tarry/The University Daily

**MONDAY**

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**Weather**

Today's weather will be sunny with a high in the 60s. Winds will be out of the northeast at 5-15 mph, turning easterly in the afternoon.

## Techsans file intent to run in Lubbock mayoral race

By LINDA BURKE  
University Daily News Reporter

A former Texas Tech student and a Tech junior both have filed intent with the Lubbock city secretary to run in April's mayoral race.

Lubbock Mayor Alan Henry announced Friday he would not seek a third term in office. Victor Lee Cargile, a 64-year-old farmer, was the first to file intent to run for mayor last week.

Chris Nicklas, a 26-year-old telecommunications major, and Benjamin Wayne Bragg, a former mass communications major, also have

entered the mayor's race. Nicklas said he decided to run for mayor because he is tired of seeing Lubbock put down.

"I would like to see Lubbock progress more," he said. Nicklas, also a salesman at a local Radio Shack store, said he would like people in Lubbock to think better things about the city.

Nicklas said he never has campaigned for a city office. According to his application to run, Nicklas has lived in Lubbock for 18 years. He designated Edwin Gage as his campaign treasurer.

He said he is not planning any

meetings with the press or neighborhood associations in the near future.

Bragg, 23, filed Tuesday to be put on the mayoral ballot. He said he is running for mayor to get some fresh, young ideas behind city government.

"I'd thought about it for some time, and when I saw that a 26-year-old was running, I said, 'Why not go for it myself?'" he said.

Bragg said he wants to see better economic growth in the city and wants to bring business back downtown. "I'm also for bringing in more industry and revitalizing the dilapidated areas of Lubbock," he

said. Bragg also said he never has run for public office. A former assistant manager of a local Pizza Hut restaurant, Bragg has lived in Lubbock all his life.

He said that after the filing process is complete in about three weeks, he is planning a formal press conference to announce his bid for mayor.

Henry said he decided not to run for mayor again in order to devote more time to his family and business.

Only three people have filed intent to run for mayor, but city officials speculate that Councilwoman Joan Baker and Councilman George

Carpenter are considering candidacy in the April 5 mayoral election.

Councilman Bob Nash, who also was mentioned as a possible candidate for mayor, said he will keep his District 4 seat.

In other city elections, only two people have announced their intent to run for the City Council. Incumbent council members Carpenter and Maggie Trejo have filed for re-election to their District 3 and 1 seats.

Councilman E. Jack Brown, District 5, has yet to announce his intent to campaign for re-election, and no other person has filed for Brown's seat.

# viewpoint

## Shuttle disaster

### Monumental tragedy provides media gluttony



University Daily Editor  
**Kirsten Kling**

program, or Strategic Defense Initiative. His simplistic logic implied that the Star Wars program might be set back or widely disapproved of because of the shuttle's fate. That is equivalent to saying that the Air Force should cease trials of experimental aircraft because of the fate of commercial Delta Flight 191.

Yesterday America's pride and joy burst into flames in Florida's blue sky. For four consecutive hours, the nation watched video replays accompanied by lengthy reports of speculation and explanation.

Both the spectators at the launch site and the public looked on in helpless horror as the shuttle exploded and fell into the Atlantic Ocean. It obviously was a disaster of titanic proportions, one that warranted a good amount of media coverage. But as usual, my esteemed colleagues in the ranks of the professional world went a little overboard.

The coverage of the event seemed more than adequate. The three major networks enriched the public with replay after replay of the shuttle's liftoff and explosion.

Unfortunately, the unintentional antics of the well-known anchors adversely affected the credibility of the news coverage. That is no surprise considering they were asked to maintain vigil over the event for an unreasonable amount of time. Mistakes will happen under those circumstances.

CBS anchor Dan Rather kept a plastic-rubber-like shuttle model in front of him to better diagram the disaster. He kept the shuttle model securely beside him like a doll he could pick up when he was unsure what to say next. Later Dan tried to introduce pioneer pilot Chuck Yeager as the first (pause, pause) oh, yeah... "with the right stuff." He should have stuck to clutching his rubber space shuttle.

CBS was not the only network to have its problems, though. NBC anchor Tom Brokaw also had quite a time of it while broadcasting for hours.

Brokaw enlightened us by questioning the feasibility of the Star Wars

This disaster, like any disaster, gives the media a field day — more suitably interpreted as a day in which a news event is even more important than a soap opera. The event is so colossal and so horrible that it warrants the attention of most people.

Then there is the question of overkill. Did the media blow the event out of proportion? In this case, it probably did not. The event was covered well — maybe too well. In an effort to cover all the possible angles of the shuttle disaster, the networks exhausted the public with repetitious information. They bombarded the viewers with a parade of experts, politicians and NASA officials who really had nothing different to say.

Space shuttle liftoffs had become a fairly routine event. The fate of Challenger illustrates that blasting off into space is nothing more than a controlled explosion that no longer is big news. Challenger's explosion was an unforeseen event that transpired into a great news event. The shuttle's safety record had lulled the public into believing shuttle missions were becoming comparable to commercial air flights. The media responded to the admirable record and set the public's agenda respectively.

That's an easy conclusion considering that the national network news began to deliver shuttle news at a later time in the news segment. In a short time shuttle news also moved from the prominence of page 1 to the inside pages of newspapers.

Disastrous events, such as the shuttle explosion, will continue to be the victim of overzealous journalists. Reporting about a disaster is one thing — riding a disaster to the top of the ratings is another.



## Shrewd readers challenge writers



Syndicated Columnist  
**William Safire**

On undertaking this column 13 years ago, I mentioned to Joseph Kraft, a former Kennedy speechwriter who had turned columnist 10 years before, that I felt comfortable with economics and foreign affairs, but wondered about pontificating on those matters about which I did not know beans.

"Anybody with a good mind," he assured me, head cocked, "should be able to write 750 words about anything."

Soon afterward, I learned what he meant: From a standing start and on a few hours' notice, a political columnist is expected to put together his morgue, his mindset and his range of reachable experts to make a pithy assault on any given issue. If this gains high ground or original insight,

the writer's previous ignorance produces a fresh perspective or at least a provocative argument.

The other day, what Arthur Schlesinger Jr. once called "the panjandrum of the opinion mafia" gathered in the Navy Chapel in Washington at a memorial service to Joe Kraft, who died last week at 61. Among the eloquent eulogists from journalism, politics and the Kraft family was Anthony Lewis of The New York Times, closer to Joe than most. He reminded us how this unpretentiously serious and wide-ranging man, more persevering than optimistic, "supplied the 'voice of the intellect' against the mechanisms of unreason."

Readers are smarter than viewers; readers can go back over the thought process of pundits, while viewers and listeners are stuck with having to ask, "What'd he say?"

The best political column-readers read newspaper columns the way columnists read each other. They ask:

1) Does this satisfy the hunger of current interest? A pundit, to be helpful, must address Topic A before it becomes Topic Done to Death.

2) Does this divide the house? A column should take the fuzziness out of debate and show where a principle is at stake or a policy is wrongheaded or an outrage is being perpetuated or a promise broken.

3) Does this put something new on the news agendas? Reporters are usually better reporters than thumbsuckers like to admit, but too often they are dispatched in packs. The column reader looks for the diamond in the trash can, the overlooked story, as well as the story to be alert for in weeks ahead which pushes reporters to uncover it first, lest the Op-Ed page beat the front page, an embarrassment to all.

4) Where did he get this stuff? Most columnists have been around forever; the good ones use their time-tested sources, the bad ones let their sources use them. By reading a column over time, the shrewd reader spots who gets sent up, and how often the pundit is mouthpiece or originator.

Using those criteria, I read the Kraft column with profit and will miss it.

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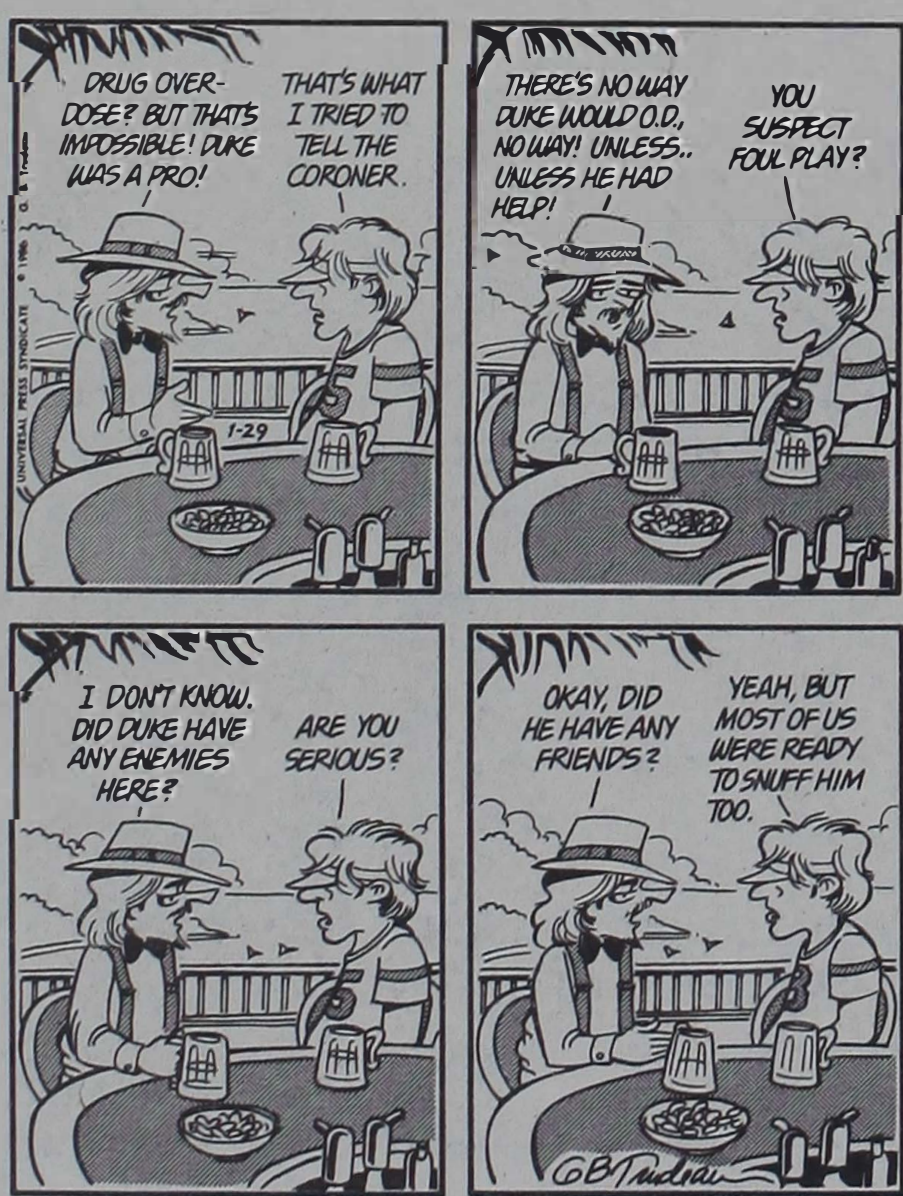
## So They Say ...

"A person who talks about his inferiors hasn't any."

—Hawaiian proverb

## Doonesbury

By Garry Trudeau



## Bloom County

By Berke Breathed

## The University Daily



## Public deserves to hear 'rest of story'



University Daily Staff Writer  
**Kay Hopkins**

In the interest of the American public, I would like to ask whether the "live aid" concerts and benefits accomplished what they set out to do.

For example, what ever happened to all the money "Live Aid" raised? We raked a lot in and then everyone gave themselves a pat on the back and went on. Did the money ever reach the people who needed it? Has

it wiped out or severely affected the starving problem?

According to the audit of earnings, the song "Do They Know It's Christmas" has raised more than \$92 million for African famine relief.

About \$44 million has been spent on immediate relief, with another \$40 million committed to long term projects such as agricultural development, according to David Waters, a spokesman for the 13-person Live Aid Trust review panel at Georgetown University.

If all that is true, why are we continually being subjected to Sally Struthers and Bonnie Franklin begging for money?

For those who have given, when the commercials and programs come on

television, they may feel as if their money didn't accomplish anything.

The same goes for "Farm Aid." We raised more money and politicians continue to talk about more financial assistance for the needy farmers. Has the money ever been used to save farms? Do politicians realize that an American lifestyle is being auctioned every day?

It seems that no matter how much money is given, it just doesn't seem to be enough. And for what has been received, no acknowledgement has been issued. Could the real answer to these problems lie in legislative changes?

Wouldn't it be nice to hear more of "the rest of the story," as Paul Harvey puts it?

## Abortion debate

To the editor:

I am writing in response to the Jan. 24 letter of Jo Jo Morrison. Mr. Tom Dirks (guest columnist, Jan. 21) believes that a person exists at conception.

Morrison alleged that Mr. Dirks "never does explain why a cell with a complete genetic code is the same thing as a person." A person exists from the moment of conception because the person has been entrusted with a soul at that very moment.

Jo Jo Morrison, the burden of proof is yours.

—Joan M. Gately

To the editor:

In reference to Tom Dirks' editorial on abortion, I must make

it clear that I would never consider an abortion, as I believe life begins at conception.

Although I believe this, it does not mean that all people believe this. I consider myself a Christian and try to follow Christian beliefs. Just because some do not believe as I do, it does not mean they should follow my rules.

Tom Dirks stated that "people want abortions because they want to live their own independent lives." I say fine. Those people are entitled to their own feelings and desires.

Perhaps some have not had the education they need to make the moral choice. I listened to a talk radio show this week where one gentleman explained that his sister didn't learn about how babies were conceived until she went to college.

## LETTERS

This may not be an excuse, but it may be one explanation. Hopefully, more parents are enlightening their children on the subject of sex, which will help the children to make the right decision for them when the time comes.

Tom Dirks also stated "abortion is a convenient way to escape responsibility of living" an independent life. I believe we all are allowed to choose our responsibilities. This includes how we choose to be independent. Being independent does not necessarily mean a person has a bad moral character. I agree with the fact we should control our sex drives, but I also believe each person is entitled to a choice if the first choice isn't the right one.

In his article, Dirks approached the abortion subject by saying illegalized abortion is equivalent to

## Brisk winds send chills to dorm dwellers



University Daily Staff Writer  
**Lyndol Loyd**

You're in your dorm room relaxing after a hard day of classes when suddenly the air-conditioner blows in at 90 mph. It soon looks as if Hurricane

Hannah has taken a detour and made its new home in your room. Your desk no longer resembles a place of order and several bits and pieces of paper are scattered all over the place. Not to mention the fact that the cubicle has become an icebox because of the immense amount of cool air being pushed through the room. This is no longer a room. It is a frozen disaster area.

For anyone who has ever lived in a dorm at Texas Tech this incident probably sounds remotely familiar.

As a freshman, I have experienced several new things since I've been here, but this has to be the longest lasting of them all. At first everything was fine, but little did I know that the hurricane was about to hit. Placing a mere phone book on the vent didn't do the job, so two more phone books, an ironing board and several pounds of books were added.

As far as the rest of the dorm service is concerned, I've been pleased. However, why are the air-conditioners always running at full speed?

It looks as if the cost of going to college is high enough without having to pay extra just to let the heating/cooling run at an enormous highspeed rate. It costs almost \$1,500 for students to live in a dorm. Chances are that this large amount of money could be cut sharply if there was a decent regulator on the system.

According to statistics given to me by Jim Burkhalter, head of the housing and food service at Tech, the utility bill for Murdough Hall last semester amounted to \$70,000.

More amazing than that is the fact that \$17,000 of that was spent during December, a month when the dorms were occupied only for a short while.

Who knows how many dollars have been spent to let hurls of useless air blow through the dormitories in the past and how many dollars are yet to be wasted. If the air speed rate was controlled, money would be saved and residents could be comfortable for a change.

From what I see, there is no justifiable reason for students to have to contend with cold temperatures and powerful wind currents in their living quarters.

"the problem of rape and providing clean motel rooms so the victim would have a comfortable environment." I find this analogy childish. A rapist has violated another person, who is actually living in this world. An abortion affects a fetus, who by opinion, is either a living person or not yet a human being. Therefore, it is too complicated an issue to state it is similar to another situation.

Also in the article, Dirks states that "freedom without responsibility is an interesting philosophy." It shouldn't be. Freedom is what America was built on.

Have a great 1986. Remember, egg plus sperm equals baby. If the equation is a mistake, remember you have a choice. Thank you, Supreme Court of Jan. 22, 1973.

—Jennifer Lynn Sievers

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# Pollwatchers to monitor Filipino election

By The Associated Press

MANILA, Philippines — The Philippines' top Roman Catholic church official on Tuesday demanded that independent pollwatchers be allowed to monitor next week's presidential election in an effort to prevent fraud.

The admonition from Manila Cardinal Jaime Sin came as President Ferdinand E. Marcos campaigned on the island of Mindanao and opposition candidate Corazon Aquino stumped in towns south of Manila.

"In my capacity as archbishop of Manila, I demand that what NAMFREL (National Movement for Free

Elections) is asking should be given," said Sin.

NAMFREL chairman Jose Concepcion said Sin, among other things, was referring to demands that the group be allowed to conduct its own "quick count" of returns from the Feb. 7 election.

Sin's statement during mass was followed by the reading of a pointed pastoral letter from all Filipino bishops, who said they see signs of fraud and violence similar to the pattern of past elections.

Fourteen people have been killed in election-related incidents in the month-old presidential campaign.

The bishops did not criticize or en-

dorse Marcos or Aquino and were not explicit about who was committing the alleged abuses, but their criticism supported actions that would tend to help Aquino.

They urged the people to vote for "persons who morally, intellectually and physically show themselves capable of inspiring the nation towards a hopeful future."

Sin noted in his homily that the National Movement for Free Elections and the election commission were working towards resolving their differences and said, "I think the demands of NAMFREL are good and should be respected."

The organization is supported by

prominent business and civic groups and has also been praised by U.S. officials. It claims credit for reducing cheating in the May 1984 National Assembly elections.

Sin did not elaborate on the group's demands, but Concepcion said in an interview after the Mass that NAMFREL was calling for the creation of special teams in areas where fraud was likely to occur.

Marcos announced the establishment of a college, the improvement of another school and the issuing of land titles. Marcos has doled out millions of dollars worth of government benefits at his campaign rallies.

## NEWS BRIEFS

### UT considers AIDS treatment hospital

HOUSTON (AP) — The University of Texas is considering whether to join the American Medical International in establishing a hospital to treat AIDS patients.

Dr. John Ribble, dean of the UT Medical School at Houston, and Dr. Charles LeMasitre, president of M.D. Anderson Hospital and Tumor Institute, said Monday the hospital has been proposed by AMI, a California-based hospital chain.

Richard D'Antoni, vice president for AMI's office in Houston, said the hospital would be house in what is now Citizens General Hospital, in north Houston.

### GOP launches stand against Democrats

AUSTIN (AP) — U.S. Rep. Joe Barton, an Ennis Republican, appeared in Austin late Monday to offer State Republican Chairman George Strake petitions with names of 2,893 voters in the 6th Congressional District, which formerly was held by Sen. Phil Gramm, R-Texas. Barton told a news conference he also was paying the \$2,500 filing fee, although he had six times the minimum number of signatures to get his name on the GOP primary ballot.

### Arco reorganizing lays off thousands

DALLAS (AP) — Layoffs of about 1,000 employees resulting from mergers of two Atlantic Richfield Co. subsidiaries will be one of the largest reductions to hit white-collar workers in this area's energy industry, officials said.

A spokesman for the Los Angeles-based oil company said it will offer an involuntary early retirement program in April.

# South African students end boycott, resume classes

By The Associated Press

JOHANNESBURG, South Africa — Black students ended two years of school boycotts Tuesday and streamed back to classes for the new academic year on the strength of a pact parents reached with the white-led government.

Attendance was heavy as schools reopened in urban centers including Johannesburg, Pretoria, Cape Town and Port Elizabeth, where boycotts cut attendance for much of 1984 and 1985.

On some days in recent months,

more than 200,000 black students boycotted classes out of 1.7 million enrolled in urban areas. The boycotts have been a central factor in 17 months of racial unrest that led to the deaths of more than 1,000 people, most of them blacks.

Outside a school in Johannesburg's huge black township of Soweto, police used tear gas to break up groups of chanting students, residents said. But there were no other reports of trouble, and the fragile accord appeared to have opened the door to normalizing the long-troubled black schools.

Police reported the stabbing deaths of four black men in a fight between

rival gangs at a squatter camp outside Cape Town. Police headquarters in Pretoria also acknowledged riot patrols shot dead a 15-year-old girl and a 35-year-old man Monday in Kagiso, west of Johannesburg.

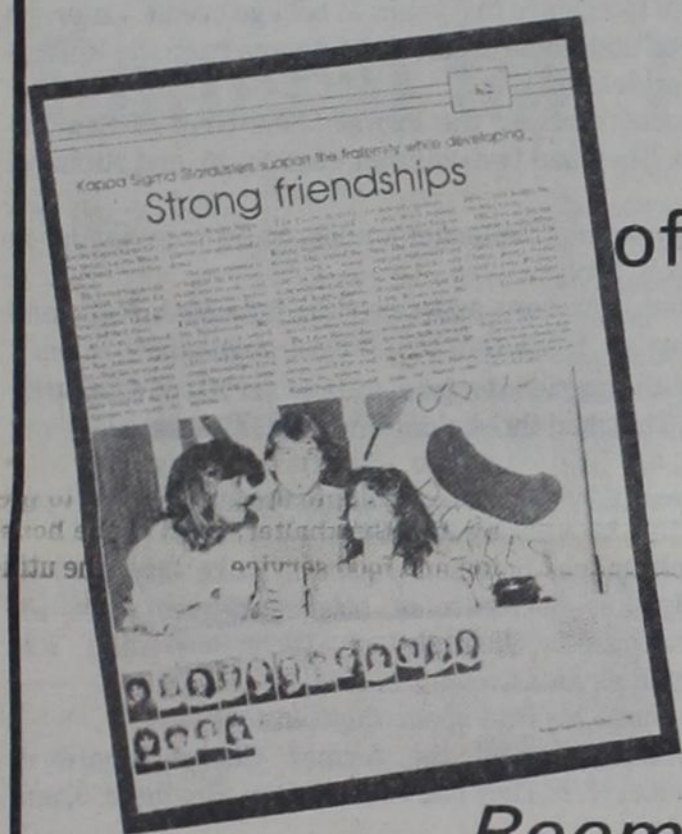
The girl was slain after police broke up a rally to debate whether to return to school, one of several such meetings banned by authorities. The Kagiso youths decided to go to school Tuesday, but a black newspaper noted the accord could be threatened by such incidents.

Boycotts over black demands for equal education with white children started in early 1984 as part of the pro-

test against apartheid, the system of legal racial segregation under which 5 million whites deny the vote and other rights to 24 million blacks.

A breakthrough came in late December, when education officials negotiated with the National Parents' Crisis Committee, a group with widespread backing from activist youths.

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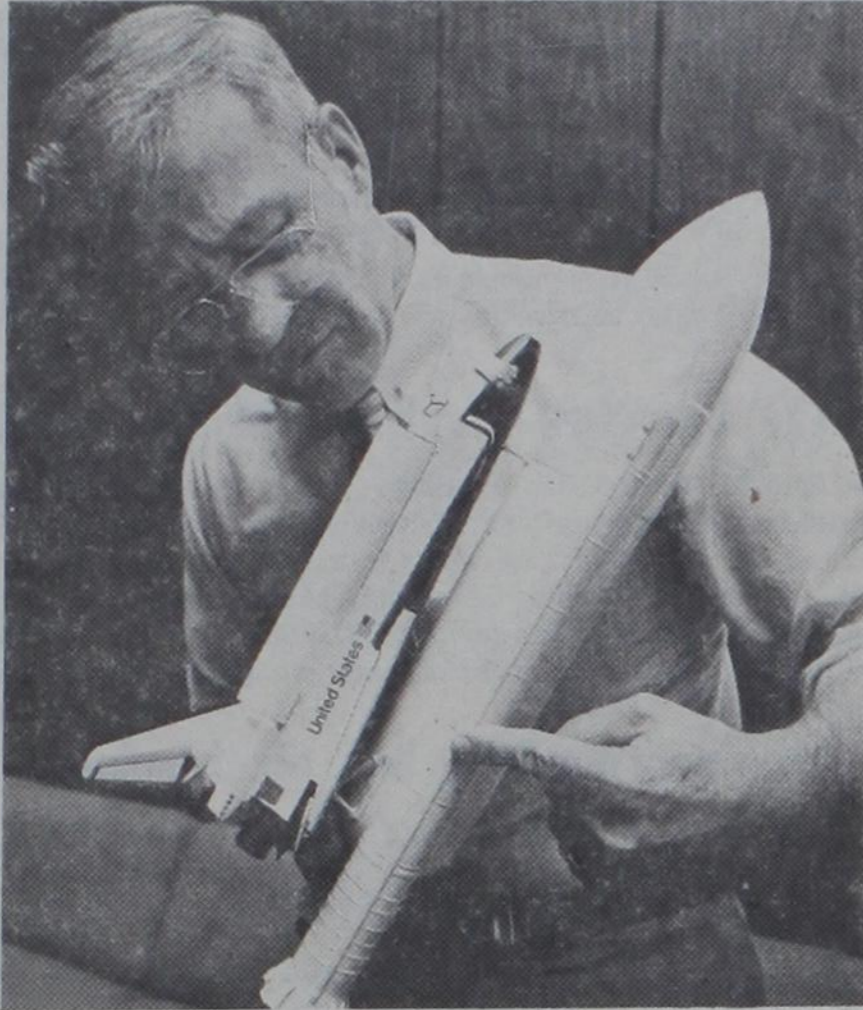
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# Astronauts had no chance for escape, prof says



Former NASA employee

Candy Mathers/The University Daily

Jesse Jones, a Texas Tech engineering professor, worked at a NASA space shuttle testing base for 10 years before coming to Tech.

By DON WILLIAMS  
University Daily News Reporter

A Texas Tech mechanical engineering lecturer who formerly was employed by NASA said Tuesday the seven-person crew aboard the ill-fated space shuttle Challenger would have had no emergency options available even if the craft had not been consumed by fire.

Jesse Jones, who worked at the NASA center in Houston from 1962 to 1972 and was a site manager at NASA's White Sands, N.M., testing center from 1972 to 1981, said that after a shuttle is launched there are no contingency plans until two minutes into the flight.

"The mishap occurred in a phase of the launch that they really didn't have any way of getting back from," Jones said. "You really don't have any way of doing much if it (a problem) arises in the first two minutes of flight."

If malfunctions are detected after two minutes, a shuttle can return to its launch site. Before it can return, however, the two solid rocket boosters on either side of the craft must be detached and released.

"Unfortunately, where they had the problem arise was about 72 seconds

into the flight," Jones said. "That's prior to the separation of the solid rocket boosters."

Two other emergency options are available later in flight, Jones said. In the Abort Once Around plan, a shuttle may return to earth before it reaches a full-altitude orbit. Landing sites for an Abort Once Around situation are located in White Sands, Spain, Okinawa, Hawaii and at Edwards Air Force Base in California.

"Edwards is the primary landing site for Cape Canaveral," Jones said.

If necessary, a shuttle also may return prematurely after it has gotten into orbit.

Television replays showed that an initial explosion apparently occurred in the right solid rocket booster which holds solid fuel. When the material contained in the booster is molded, Jones said, a crack may occur accidentally.

"The fuel burns along a surface. If you get some kind of crack, the combustion can go up into that surface, build up pressure and cause an explosion," Jones said, stressing that he was only speculating.

The main rocket booster contains 1.3 million pounds of liquid oxygen and 224,000 pounds of liquid hydrogen,

Jones said.

He said NASA officials probably could not have detected the cause of the explosion or prevented it prior to launch.

"They check and recheck and countercheck, and that's the reason they have such a phenomenal record," Jones said. "They are extremely safety-conscious. They do just about everything that's conceivable."

Weather conditions have to be approved for launch by NASA officials, and the shuttle is monitored by computers.

"They've got five computers on the vehicle that are redundant to each other," Jones said. "They're constantly talking to each other and checking each other. It's a very exhaustive thing that's been very much automated in the advent of the shuttle."

At least two of the computers must recommend aborting the launch prior to liftoff for a launch to be called off, Jones said.

While at White Sands, Jones helped

develop propulsion systems and was involved in testing all the materials used in space shuttle systems. He also took part in post-testing craft that had malfunctioned.

Speculating on the ramifications of the Challenger disaster, Jones compared it to the Apollo 1 burning on its launching pad in 1967.

"I think everybody kind of agrees that there was about a year's loss in the program (in 1967)," Jones said. "But that came at a critical time. We hadn't flown yet in an Apollo manned mission. We were still in the development phase, and there were some things that we didn't understand."

"This will definitely set back the operational phase of the program," Jones said. "I don't think this is likely to be that significant a problem as far as the difficulty in determining what occurred and what to do to keep it from ever occurring again. I think they will be able to identify the problem pretty rapidly, but I don't think they'll launch again until they do."

The time needed to determine what went wrong will depend on what subsystems were involved, Jones said.

## Disaster could delay missions

By RICK LEE  
University Daily News Reporter

Tuesday's explosion of space shuttle Challenger and the resulting deaths of seven astronauts is the first time any Americans have died during a space flight.

On Jan. 27, 1967, a fire broke out during a test of the Apollo 1 flight, killing all three astronauts on the launching pad.

After the 1967 accident, the space program waited almost a year and eight months until the launch of the next flight. The space program possibly will see a similar hiatus in launches of the three remaining space shuttles.

"Obviously this will delay the program a couple of months. A lot will depend on the cause," said Clarke Cochran, chairman of the Texas Tech political science department.

"NASA, of course, won't send any more until they find the flaw and correct it. Right now, it is all speculation, but there is nothing to indicate that there will be a redirection in the program except for the obvious problems of delay."

Cochran said the shuttle accident will, however, "take the glow off of the program" which NASA had enjoyed in light of the 56 successful space launches since Apollo 1.

## Explosion leaves program in limbo

By DAVID CORTES and RICK LEE  
University Daily News Reporters

The explosion of the space shuttle Challenger Tuesday left plans to include a journalist on a future shuttle mission in limbo. Tech officials participating in the project said they are awaiting word from NASA about their next step.

Texas Tech President Lauro Cavazos, a member of the committee which will select the journalist, said he did not know if the shuttle accident will have any effect on NASA's Space Flight Participant Program.

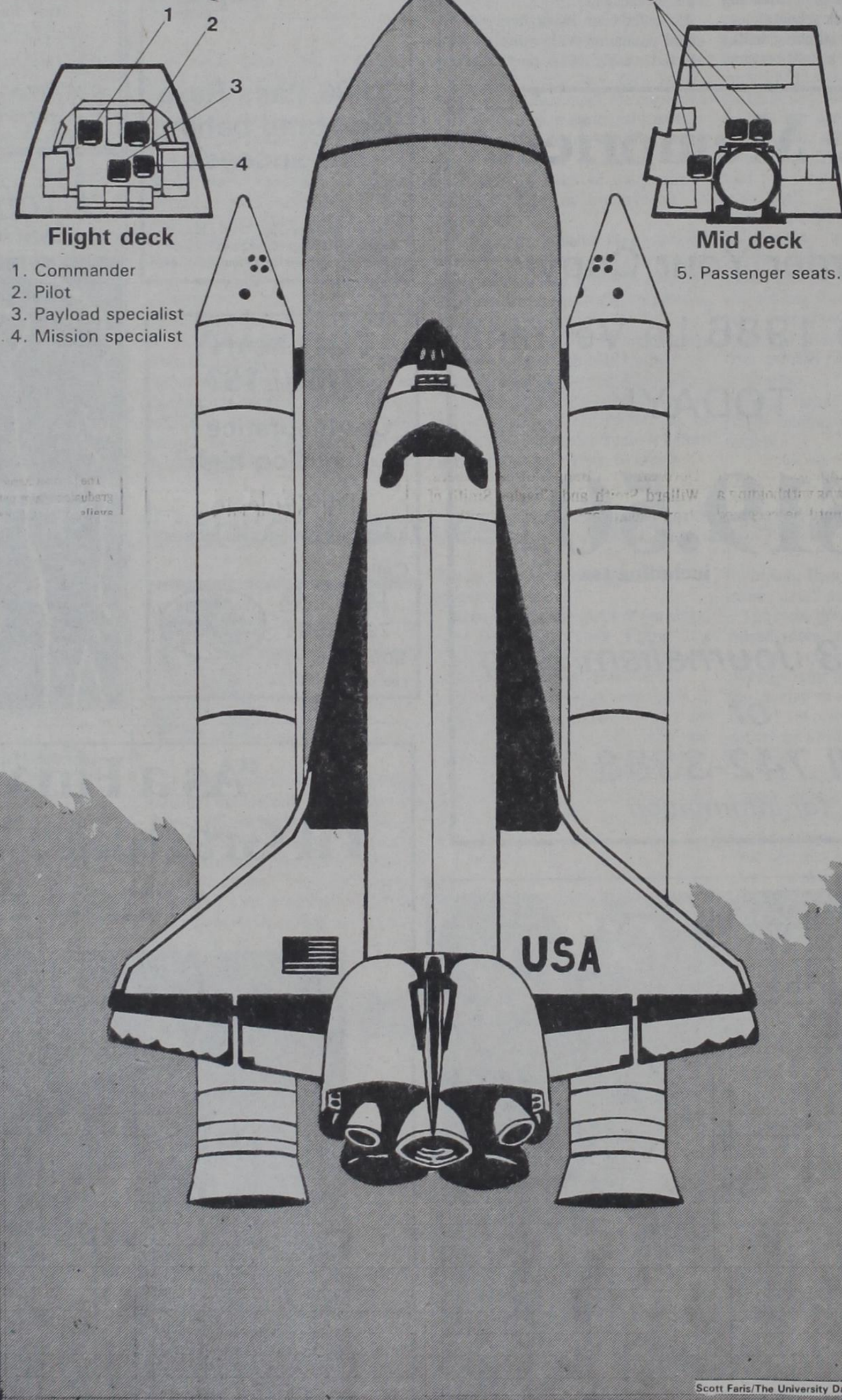
"I can't at this juncture predict how this will affect the program," Cavazos said. "I think things will be resolved to go ahead. It is anticipated that these things would happen. It is a terrible tragedy, but this nation has invested in space exploration, and I would predict that it will move ahead."

"More importantly, this is a great loss to the nation. The whole nation is poorer today."

Billy I. Ross, chairman of Tech's mass communications department, which will nominate five candidates for the mission, said he has not received word from NASA on whether the screening date for the selection of the journalist will be moved back.

"I had planned Friday to attend a briefing in Houston concerning the screening for Tech's region," Ross said. "But now I feel things will be moved back."

Crew cabin arrangements



Scott Fariz/The University Daily

## Shuttle's crew

By The Associated Press

Francis R. Scobee, 46, commanded the flight and was making his second space shuttle mission.

Scobee was born and raised in Washington state and enrolled in the Air Force after high school graduation. He trained first as a mechanic but attended night school to acquire two years of college credit. Later, he earned additional credit and a degree from the University of Arizona.

Scobee married the former June Kent of San Antonio. They had two children, Kathie, 25, and Richard, 21.

Mike Smith, Challenger's pilot, was a commander in the U.S. Navy.

Smith was born and raised in Beauford, N.C., and graduated from the U.S. Naval Academy.

Smith married the former Jane Jarrell of Charlotte, N.C. They had three children, Scott, 17, Alison, 14, and Erin, 8.

Ronald E. McNair, 36, was doing research on lasers at the time he was selected as an astronaut.

McNair was born and raised in Lake City, S.C. He earned a doctorate of science degree from the Massachusetts Institute of Technology and was selected as an astronaut in 1979.

He made his first space flight in 1984.

McNair married the former Cheryl Moore of Jamaica, N.Y. They had two children, Reginald, 3, and Joy, 1.

Ellison S. Onizuka, 39, an Air Force Lt. was a former aerospace engineer and pilot who taught courses at the elite Air Force test pilot school in California.

He was born in Kealahou, Hawaii, and earned two degrees from the University of Colorado. NASA selected him as an astronaut in 1978.

The astronaut married the former Lorna Leiko Yoshida of Pahala, Hawaii, and the couple had two children, Janelle, 16, and Darien, 10.

Judy Resnik, 36, was a classical pianist who earned a doctorate in electrical engineering from the University of Maryland.

She was born and raised in Akron, Ohio and earned a bachelor's degree from Carnegie-Mellon University. Resnik was single.

Gregory Jarvis, 41, was a Hughes Aircraft Co. engineer who was flying on Challenger to conduct tests on the effects of weightlessness on fluid carried in tanks. The experiments may give engineers new information of the design of liquid-fueled rockets.

Jarvis was born in Detroit and graduated from high school in Mohawk, N.Y. He earned degrees from State University of New York in Buffalo and from Northeastern University in Boston.

Jarvis married the former Marcia Jarboe of Spring Valley, N.Y. where the couple made their home.

Sharon Christa McAuliffe, 37, a Concord, N.H. high school social studies teacher, was the first private citizen selected in national competition to fly on the space shuttle.

McAuliffe was selected from 11,146 teachers who applied in NASA's first citizen-in-space competition. In preparation for the flight, she underwent 120 hours of training at the Johnson Space Center.

Her husband, Steven J. McAuliffe, is a lawyer in Concord. The couple had two children, Scott, 9, and Caroline, 6.

## Enthusiasm of teachers changed panelist's mind

By The Associated Press

DALLAS — A member of the committee that selected Christa McAuliffe as the first teacher in space said Tuesday he thought the program was a "silly idea" until he saw the enthusiasm of the candidates.

Dr. Richard Berenson, president of American University in Washington, said McAuliffe achieved what the selection panel hoped by highlighting the importance of education.

Berenson, who was awaiting an interview at radio station KRLD in Dallas when space shuttle Challenger

exploded, immediately went on the air to explain the teacher selection process.

"When I first heard about that, I thought it was a little bit of a silly idea — until I met the teachers, until I saw the enthusiasm they had," Berenson said.

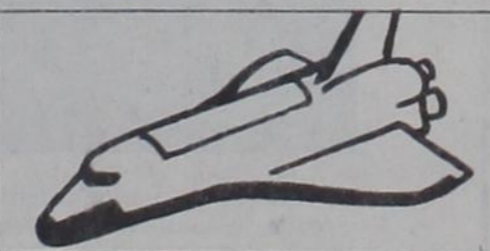
"The competition among teachers nationwide was phenomenal. It involved tens of thousands of people," he said.

Berenson, who grew up in Dallas, described McAuliffe as the best candidate of the 114 finalists.

"She was bright, articulate. She obviously would have been and was, up to this point, a very good spokesperson for education," Berenson said.

The explosion occurred Tuesday morning shortly after Challenger blasted off. McAuliffe was one of seven people on the shuttle.

"The main thing that we learned from the disaster of today is that even though the system seemed somehow routine, and most Americans at this point have become terribly blasé about the space program in general and the shuttle in particular, it's still cutting-edge technology," Berenson said.



## Austin teacher avoids fateful mission

By The Associated Press

AUSTIN — Steve Warren was testing his ninth-grade English honors students Tuesday morning instead of flying on the space shuttle Challenger that apparently carried another teacher to her death.

"At this moment, I could have been dead," the Austin High teacher said shortly after the Challenger exploded, apparently killing all seven people aboard — including New Hampshire teacher Christa McAuliffe.

Warren, 38, was one of Texas' two finalists for the shuttle ride. He said his background — six years as a Navy pilot and no wife and children — probably were the factors that weighed against him in the selection process.

"Too much flight experience might

have been a detraction," he said. "I think they also wanted a family image. She (Mrs. McAuliffe) had two little children."

Warren, an English teacher and tennis coach, got word of the disaster from a friend who called the school. Warren rushed back to his classroom and, with his students, watched news accounts of the explosion. In the back of the room was a poster touting a NASA program.

"I don't think any of the 11,000 teachers that applied didn't think once or twice about the risk involved, but you need to take some adventure, take a chance sometime," he said.

The disaster would not dissuade him from applying again, Warren added.

"I think I can say that right now. It might change in a couple of days or if

the chance comes up again. I doubt seriously that it's going to come up for a long time now," he said.

Warren spent last week in Orlando, where he and the other finalists were honored as "space ambassadors" and briefed on the mission.

They were to have served as in-class experts in their schools as Mrs. McAuliffe was to conduct what she had called "the ultimate field trip" in a broadcast from space.

"We were just so positive and optimistic and revved up about it and what it was going to do for education," Warren said.

NASA officials stressed the positive in talking about safety and danger, he recalled. But as a former Navy pilot, Warren said he was aware of the dangers.

# Student to receive kidney in transplant surgery

By CARLA R. McKEOWN  
University Daily News Reporter

The donor and recipient in the Southwest Kidney Institute's second transplant are preparing for today's surgery as the patients in last week's transplant are recuperating.

Stephen Farnes, a Texas Tech University Health Sciences Center medical student, will receive a kidney from his sister, Nancy Farnes, in an operation slated for 9 a.m. today. Dr. Neal Glass will perform the transplant surgery while Dr. Lynn

Avant, a urologist surgeon, will remove the kidney from Farnes.

"This transplant will be the same as the last one," Glass said. "The only difference is last week's patients were perfectly matched and Stephen and Nancy are not. We have used blood transfusions to prepare Stephen."

Farnes said several members of his family were willing to give him a kidney but that Farnes could afford to take time off for the operation.

"The decision of Nancy's was totally voluntary," Farnes said. "This is

such an incredible gift of life. All I could say is 'thank you.'"

"You automatically feel sorry for your brother, but you don't give it a second thought," Farnes said. "Of course you'd give a kidney to your brother. It is so good to be able to give the gift of life."

Farnes said he probably should have been on dialysis six years ago, but only has been on the machine since October. Farnes said he hopes not to miss much of his studies at the Health Sciences Center.

One week ago, Jan. 22, Ruby York

gave one of her kidneys to her twin brother, Robert Tolbert. York plans to leave the hospital today, and Tolbert plans to go home Friday.

"I feel so great right now that it's hard to say," Tolbert said. "It took me a year and a half to get this good feeling back."

Tolbert, whose renal function failed due to hypertension, was on dialysis for 1½ years before last Wednesday's operation. Dialysis is a mechanical process that removes impurities from the blood.

"My first question was would I still

be able to have children. Glass explained that the operation wouldn't affect me in any way," York said. "I felt like he would have done the same thing for me."

"I went into this surgery not afraid because I had prayed," Tolbert said. "I prayed to Dr. Jesus, and I knew Dr. Glass is the best doctor I'd ever seen come along."

Glass said Tolbert will be able to lead a normal life but will have to be reasonable with physical activities and continue to take the rejection medication regularly. If Tolbert did

not have the transplant, he would still be on the dialysis and would be living with limitations in his diet and energy.

"For a kidney transplant patient, the surgery is usually a matter of quality of life rather than a matter of life and death," Glass said.

"I like to play sports and work hard to take care of my family," Tolbert said. "I spent almost two years on dialysis; that's pretty rough."

Glass said kidney transplants between relatives occur in about 30 percent of the operations nationwide.



Lazy day

Walter Benoit, a junior civil engineering major, waits patiently for a bus Tuesday outside of Holden Hall.

Rodney Markham/The University Daily

## Tech officials to honor Hispanics at reception

By CHERYLE LOCKE  
University Daily News Reporter

Hispanic students can get more familiar with the services available to help them at a reception Thursday hosted by a group of Tech administrators.

Frank Silvas, a counselor at the Tech Counseling Center, said the purpose of the reception, scheduled for 7 p.m. Thursday in the University Center ballroom, is to also help entering freshman and new students to get to know faculty and staff better.

Currently there are 1,137 Hispanic students enrolled at Tech and 67 Hispanic faculty and administration employees. Since 1977 the Tech Hispanic population has almost

doubled.

Andres Tijerina, a Tech graduate with a doctorate in history, will be the guest speaker at the reception. Representatives from the financial aid, PASS and the counseling center also will be at the reception to informally get acquainted with the students.

Marlene Hernandez, assistant director of new student relations, hopes the reception will encourage and motivate Hispanics to help each other on campus and will promote the awareness of the need of higher education.

The reception will be at 7 p.m. in the University Center ballroom. For more information call New Student Relations at 742-1480.

## Funeral for Tech senior scheduled today

By LINDA BURKE  
University Daily News Reporter

Services for James Lee Smith, a Texas Tech senior, will be at 2 p.m. today at Bangs Church of Christ with burial immediately following in Bangs Cemetery under the direction of Davis-Morris Funeral Home.

Milton Langston will officiate at the services. Smith was found dead early Mon-

day morning in Tech Terrace Park by a Lubbock Parks and Recreation cleanup crew. He apparently had shot himself once in the chest with a .22-caliber gun, said Bill Morgan, Lubbock police information officer.

Morgan said a police investigation into the incident as a self-inflicted wound was about complete. Justice of the Peace Bill Ross was withholding a ruling in the death until he received the police report, Morgan said.

The 30-year-old Smith was a philosophy major at Tech. He was born in Vernon and lived 20 years in Bangs. He served five years in the U.S. Air Force.

Survivors include two sons, Tyon Lee Smith and Toby James Smith of San Antonio; his parents, Willard and Doris Smith of Bangs; three brothers, Willard Smith and Charles Smith of Brownwood and Travis Smith of Bangs; and two sisters, Debbie

Tucker of Houston and Lisa Smith of Bangs.

The University Daily  
By Students...  
For Students...

### CAMPUS BRIEFS

#### Nursing school application deadline set

The application deadline for the summer 1986 semester of the Texas Tech University Health Sciences Center School of Nursing is Feb. 16.

The School of Nursing offers a four-year bachelor of science in nursing degree. Students who hold registered nurse (RN) or licensed vocational nurse (LVN) certificates may apply to the School of Nursing, which acknowledges previous nursing education.

The School of Nursing is admitting only LVNs and RNs for the summer session.

For more information, contact the School of Nursing Student Services Office at 743-2737.

#### Forms available for Student Senate seat

The Student Senate is taking applications for a vacant senate seat from the Graduate School.

Any interested applicant must be a full-time graduate student in good standing with the university.

Applications are available in the Student Association office on the second floor of the University Center. The deadline for application is Friday. Interviews will be conducted from 4 p.m. to 6 p.m. Sunday in the SA office.

### MOMENT'S NOTICE

**JAPANESE MARTIAL ARTS CLUB**  
The Japanese Martial Arts Club will meet at 7 p.m. today in the Student Recreational Center arts and crafts room.

**ACE**  
The Association of Childhood Education will have a puppet workshop at 6:30 p.m. Thursday in 235 administration/education building. All education and child development majors are welcome.

**HOME ECONOMICS COUNCIL**  
The Home Economics Council will meet at 6 p.m. Thursday in 111 home economics building.

**AGRICULTURAL ENGINEERS**  
The American Society of Agricultural Engineers will host a hamburger cookout at 6:45 p.m. Thursday in the agricultural engineering annex.

**STUDENT ASSOCIATION**  
The Student Association is interviewing for a graduate senator until Feb. 2. Applications are available in the SA office and are due by Friday.

**MORTAR BOARD**  
Applications for Mortar Board are due at 5 p.m. today.

**DELTA PHI EPSILON**  
Delta Phi Epsilon will have its first meeting for all members at 6 p.m. Thursday in the Witt Library.

**ROTARACT CLUB**  
The Rotaract Club of Texas Tech will meet at 7 p.m. today in 152 business administration building.

**WOMEN'S RUGBY**  
The women's rugby team will have an open meeting for all women at 6 p.m. today in the UC courtyard.

**TEXXANS**  
The Student Association is taking applications from freshmen for Texxans until Friday.

**AG ECO**  
The Agricultural Economics Association will meet at 7 p.m. Thursday in 311 agricultural building.

**SNOW SKI CLUB**  
The Snow Ski Club will have an organizational meeting at 7 p.m. today in 6 Holden Hall.

### Need Newspaper Experience?

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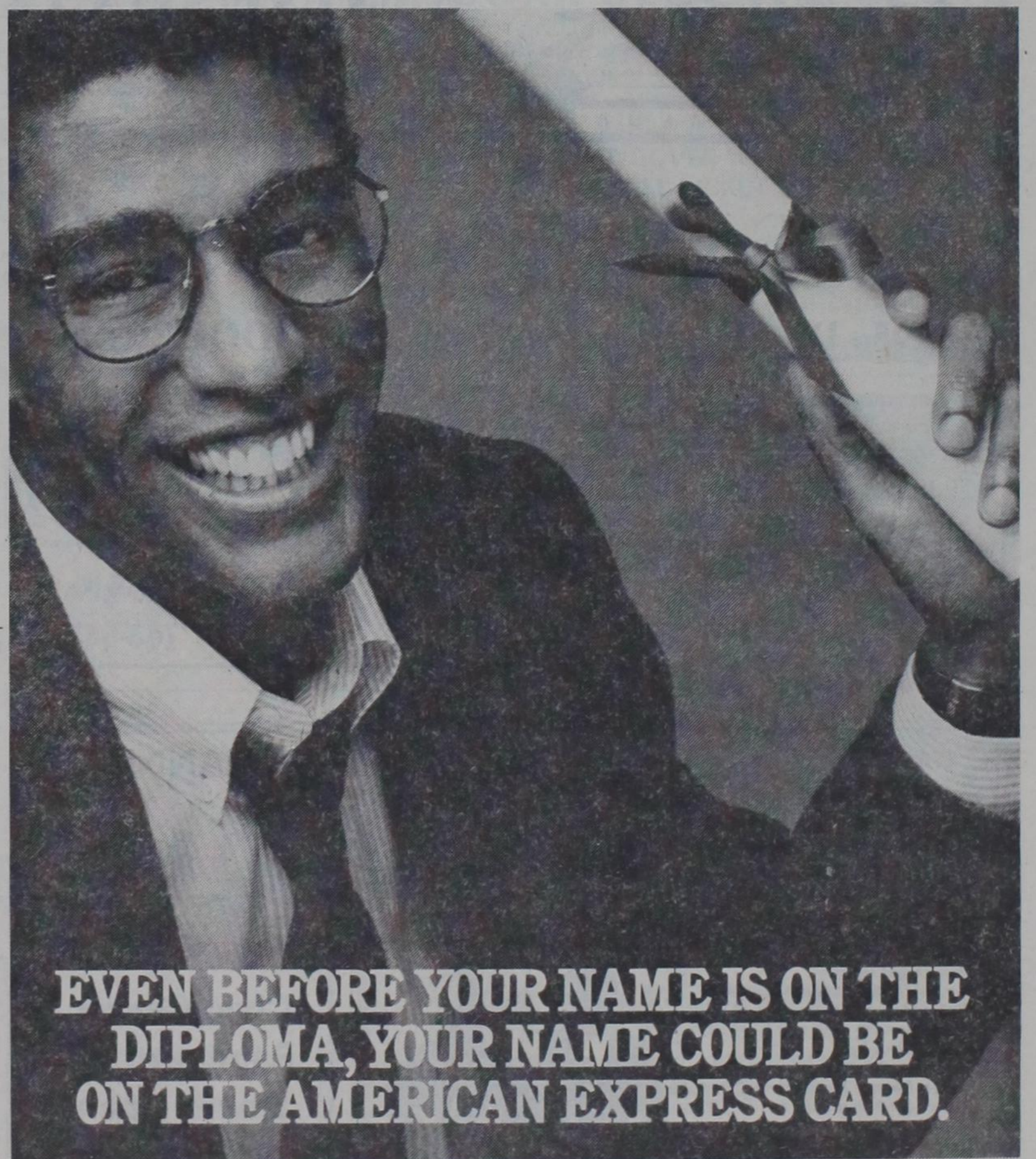
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## Green Oaks mall offers new concept

By JONI JOHNSON  
University Daily Lifestyles Reporter

Couples planning their wedding have an alternative to traveling all over town to shop. A new one-of-a-kind mall that caters to weddings and parties has opened in Lubbock.

The Green Oaks Wedding and Party Mall at 66th Street and University Avenue has 14 stores that focus on selling wedding and party-related items.

The mall, believed to be the only one of its kind in the nation, was built by Lubbock developer Charlie Young.

"We did some research and have not found any mall of this nature," Young said. "There might be a store like Hemphill-Wells that has a jewelry department, a tuxedo department and a wedding gown department, but they don't provide full service for a wedding or party like we do."

Young's wife has been in the wedding business for

eight years. The idea to open the mall came to Young after he heard mothers and brides say such a place would make planning a wedding easier.

"I listened to what people want, and I've just built what they want. We have been well received by everybody," Young said.

"We have a lot of frustrated mothers and brides come in because other places they have shopped at are not concerned with their wedding. We become familiar with everything involved in the wedding."

There are seven specialty stores within the mall to accommodate the bride, groom or party giver. There is a jeweler to help in the selection of wedding or dinner rings, a formal wear shop to add a formal touch to the occasion, a wedding and party rental store, a bridal boutique, a gourmet shop, a party accessory center and a table-setting shop.

There also is a photographer's studio, a florist, a bakery, a tanning salon, a sculptured nail salon, a beauty salon and a restaurant.



Green Oaks Mall

Rodney Markham/The University Daily

## Father of teenage suicide victim shouldn't blame death on music



University Daily  
Lifestyles Reporter

Eric  
Steele

John McCollum was 19 when he killed himself last October.

What sets this tragedy apart from the thousands of other teenage suicides is John's father.

Jack McCollum has filed a lawsuit against, among others, Ozzy Osbourne and CBS Records. McCollum is claiming that the "satanic" influence of Osbourne's music drove his son to kill himself.

Although McCollum didn't specifically blame one particular song for his son's depression, he did mention Osbourne's "Suicide Solution" as an example of the musician's detrimental influence.

I tracked down Osbourne's "Blizzard of Oz" album and repeatedly listened to "Suicide Solution." There's no question that is song is awful, but the depressive effects, the sort that would lead one to suicide, are extremely questionable.

I tried again and again to pick up key lyrics, but some of it was little more than a mumble to me. Here are bits and pieces of what I did pick up:

"Wine is fine but whiskey is quicker," "where to hide/suicide is the only way out/don't you know what it's really about?," "Now you're living in a bottle/The reaper's trailing in full throttle/It's getting you but you don't see/The reaper is you and the reaper is me."

I think blaming one's suicide on this song or music in general is a tragic mistake. We must not operate under the presumption that music has the capacity to manipulate us to the extent that McCollum is claiming in his lawsuit.

A similar connection was attempted during the "Night Stalker" murders in California about a year ago. A male who had committed a series of murders in a California community finally was captured and arrested by police.

It later was learned that the suspect's favorite album, recorded by AC/DC, contained a song entitled, of all things, "Night Stalker."

There is absolutely no good served in digging through the album collection of a mass murderer or suicide victim looking for answers. It certainly would be naive to think the answers lie within something as simple as an album.

From a legal standpoint, McCollum's suit is completely unsubstantial. In order to win the suit, McCollum must prove that Osbourne, and the "satanic" music John may

have listened to, was the sole explanation for his son's death.

That's not likely to happen considering the thousands of other teenagers who have heard Osbourne's music with less dramatic results. Listening to music in and of itself simply does not lead to suicide.

"I'm very sorry," Osbourne said at a Los Angeles news conference last week, "but I think the young man was obviously ill before it happened. I know what the lyrics mean. I wrote them. You can twist anything around."

Indeed, you can. And that's exactly what McCollum seems to be doing. To claim his son was in perfectly good spirits before listening to Osbourne is ridiculous and unfortunate.

Osbourne is a likely target for such an accusation, however. His stage performances used to include biting the head off live bats, an act that would excite the crowd considerably. Several fans later attempted to repeat Osbourne's feat and each incurred a case of rabies.

But this brings to focus my point. Being a teenager does not excuse blindly following the lead of a not-talented rock star.

McCollum should realize it was not Ozzy Osbourne or "satanic" music that took his son's life. That was an unfortunate decision John made for himself for reasons that undoubtedly go beyond music.

## Wherehouse temporarily closes; Black Flag play date in limbo

By ERIC STEELE  
University Daily Lifestyles Reporter

Ground Zero: The Wherehouse has temporarily closed its doors less than a week after celebrating its grand opening. The club will remain closed until owner Pyrrha Malouf can improve the parking facilities to the satisfaction of the city.

Malouf said she will consult a

lawyer in an effort to re-open the club while the parking problems are rectified. In the meantime, Black Flag's Feb. 18 date at the Wherehouse has been placed in limbo pending further notice.

Terry Louise Fisher, creative consultant for CBS's popular "Cagney and Lacey" series, will speak Thursday in the Allen Theater. Fisher's work also includes three two-hour

movies and two books which lead to her work in television.

Tickets cost \$4 for Tech students and are available at the University Center box office.

A Roomful of Blues, an acclaimed R&B dance band, will play Fat Dawg's tonight with a \$5 charge. Friday night the Dawg will feature Showdown, a local band playing '60s rock 'n' roll. Cover for Friday is \$2.

Hector Molina and Pete Daia will play jazz on Saturday night for a \$2.50 cover.

Sunday night is the Barbecue Jam featuring local rock 'n' roll band Scratch. There is no cover charge.

Cowboy's is hosting the Fort Worth-based, Mad Armadillo Band Thursday night for \$2, and Friday night for \$3. MCA recording artist Steve Wariner will play Saturday night with Mad Armadillo opening the show. There is a \$6 cover charge.

Local jazz band No Compromise

will play Thursday and Friday at Bourbon Street's Lower Quarter. There is a \$2 cover charge.

### HUB CITY HAPPENINGS

In the general information department: You may have noticed that the Nelsons performed at Monday's

American Music Awards. You also may have noticed that it wasn't the Lubbock-based Nelsons that have playing under that name ever since the band formed several years ago.

It seems that Rick Nelson's brother has decided to use the name "Nelsons" for his own band. The Lubbock-based Nelsons are looking into a lawsuit in order to stop Nelson's brother from continuing the use of the name for his band.

The outcome should be interesting.

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# Improved 'Horns out to extend Raider nosedive

## Tech needs victory to stay in thick of SWC battle

By MICHAEL CORBETT  
University Daily Sports Reporter

The Texas Tech men's basketball team will be trying to break a three-game losing streak when the Red Raiders meet the second-place Texas Longhorns tonight at 7:30 in the Lubbock Municipal Coliseum.

After jumping out to a 4-0 conference start, Tech has lost consecutively to Texas A&M, SMU and TCU. The Raiders are tied for fourth place with SMU and Houston at 4-3.

Texas, however, has rebounded from two straight league losses and is

tied for second place with TCU at 5-2. A&M leads the pack of contenders at 6-1.

Tech coach Gerald Myers said he feels the Raiders (9-9 overall) have been playing at a lower level since their one-point loss to A. "After this week, I felt like we've probably slipped a little. Confidence gets better if you win a one-point game, and if you lose a one-point game, it gets worse," Myers said.

The Raiders, outmuscled in their last contest against TCU, are in for another physical battle against the Longhorns.

John Brownlee, a 6-10 senior center, is the Longhorns' leader in scoring (17 points per game), rebounding (9.3 per game) and blocked shots (18). In Texas' last game, Brownlee accounted for 21 points and 13 rebounds as the Longhorns defeated TCU 56-54 in Austin.

With Arkansas' Joe Kleine and SMU's Jon Koncak lost to graduation, Brownlee has emerged as the Southwest Conference's premier center.

Tech split a pair of games against Texas last year, with the Raiders winning 67-60 in Lubbock and the Longhorns winning in Austin 66-61. In Texas' victory, Brownlee hit seven of nine field goals and made nine of 14 free throws for 23 points.

The Longhorns also will count on Patrick Fairs, a 6-5 junior college transfer from Odessa College, to provide scoring. Fairs has averaged 16.3 points and 4.9 rebounds from his forward position this season.

Tech coach Gerald Myers is hoping for improved play from his forwards. Against TCU, starting forwards Tobin Doda and Dewayne Chism combined for only 14 minutes of playing time

and no points.

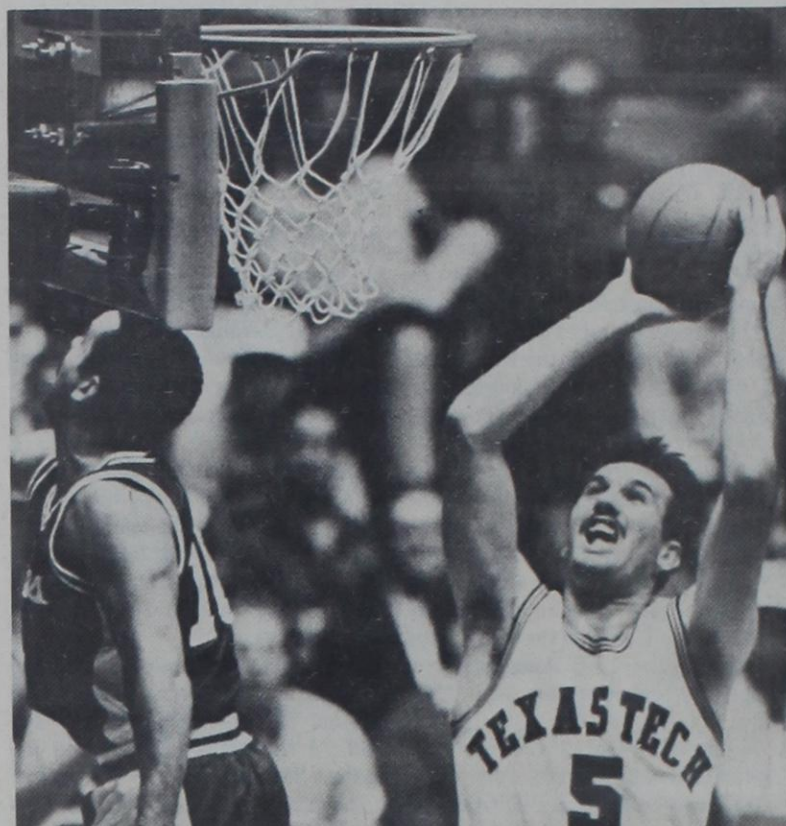
"I thought they continued to make some mistakes that they should have eliminated, and I thought it was time to let somebody else play," Myers said.

The improvement of John Sykes, a 6-7, 220-pound freshman forward, will add to the Longhorns depth. Sykes scored 11 points and pulled down nine rebounds in Texas' win against TCU. Longhorn coach Bob Weltlich has indicated Sykes will receive more playing time the remainder of the season.

Tech leads the overall series against Texas, 39-30, and have won 20 of the 30 meetings in Lubbock. The Raiders have won seven straight in the Bubble, with the last Longhorn win coming in 1978.

Tech will count on its guards to lead the way. Senior Tony Benford paces the Raiders in scoring with a 12.7 average. Freshman Sean Gay is second at 10.5 points a game.

Benford has dished out 70 assists this season, placing him fourth on the all-time Tech list at 299, seven behind Geoff Huston.



Rodney Markham/The University Daily

### Short range bucket

Texas Tech center Kent Wojciechowski, a 7-0 center from Moorpark, Calif., prepares to release a short jumper in the Raiders' 59-58 loss to Texas A&M Jan. 18 at the Coliseum after the Aggies' Gary Lewis tried to block the shot.

<p><b>TEXAS TECH</b></p>	<p>vs.</p>	<p><b>Texas</b></p>
<p>7:30 p.m. Wednesday, Jan. 29 at Municipal Coliseum</p>		
<p>G-34 Tony Benford (6-4, Sr.) G-13 Sean Gay (6-3, Fr.) F-30 Tobin Doda (6-7, Sr.) F-44 Dewayne Chism (6-7, Jr.) C-52 Ray Irvin (6-9, Sr.)</p>	<p><b>PROBABLE STARTERS</b></p>	<p>G-14 Karl Willock (6-2½, Sr.) G-12 Alex Broadway (5-11, So.) F-33 Patrick Fairs (6-5, Jr.) F-54 Raynard Davis (6-7, Jr.) C-55 John Brownlee (6-10, Sr.)</p>

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# Tech's bid to upset No. 1 Texas comes up short

By MICHAEL CORBETT  
University Daily Sports Reporter

A fired-up Texas Tech women's basketball team gave No. 1-ranked Texas a scare, but the Longhorns, behind Lubbockite Kami Ethridge, rallied to defeat the Raiders 64-57 Tuesday night before a Tech women's record 5,005 fans at Lubbock Municipal Coliseum.

The Raiders jumped ahead by four points with 7:35 left in the second half at 47-43, but Ethridge entered the game and sparked a 13-point Longhorn rally.

Ethridge injured an ankle Friday warming up before Texas' game against Brigham Young, and Texas coach Jody Conradt decided to limit Ethridge's playing time against the Raiders. She played just nine minutes, but it was all the edge Texas needed as the Lady Longhorns remained unbeaten at 18-0, 8-0 in SWC play.

"Kami is my hero," Conradt said. "What she did was give our team what it was lacking: acceleration."

Ethridge ignited the Longhorn fast break, giving Texas easy inside shots. Fran Harris hit a 17-footer to start the run and Andrea Lloyd followed with a five-foot jumper and short bank shot. Annette Smith and Beverly Williams each hit from short range to put the Longhorns up by six.

Williams made one of two free shots after being fouled by Tech's Tricia Clay, and Clarissa Davis ended the Texas run with a six-foot jumper, giving Texas a 58-49 lead. Tech never

came back.

"Ethridge was the key to their turnaround," Tech coach Marsha Sharp said. "She keyed their fast break and helped turn a deficit into a lead. We went down after that and didn't shoot well, and it made a big difference."

Tech, 13-5 and 6-2 in SWC play, scored the first six points of the game to establish the early momentum. Lisa Wood opened the game with a layup and Camille Franklin followed with a 15-foot set shot. After being fouled by Williams, Sharon Cain tossed in two free throws to put Tech up 6-0.

The Raiders would enjoy as much as a 10-point lead (16-6) during the first half before Texas could make a run. Tech led 28-21 with 2:19 left in the half, but the Longhorns scored the next eight points to lead 29-28 at halftime.

Sharp said she was pleased with the Raiders' effort. "We're pleased with how our players handled them," she said. "I thought we did a good job against their press."

Sharp said the Raiders were able to jump ahead at the beginning of the game because of Texas' poor shooting. Texas hit 12 of 36 shots for 33 percent in the first half.

"They didn't shoot well during the first few minutes of the game and we were able to get back into our defensive set," Sharp said. "They missed a lot of shots under the basket that I've never seen them do before. That let us get ahead."

The Raiders only hit 12 of 35 first half shots but were able to connect

early in the game. Sharp said the Raiders could have won if they had converted on a few more plays.

"If we could have scored on two or three fast breaks or made two or three short shots we could have won, but I do feel good about the game," Sharp said.

While a couple of different things by Tech could have changed the outcome, Sharp said the main difference was Ethridge.

"Kami came in and gave their fast break a spark. After that their pressure got to us," Sharp said. "Ethridge would have made a big difference if she had played the whole game."

Despite the loss, Sharp said the game would help the Raiders. "We played as well as we have all year long. Playing them close will help us in the rankings and should help us with the NCAA selection committee," Sharp said.

TEXAS (64)

Harris 4-13 0-1 8, Lloyd 5-8 4-7 14, An. Smith 7-14 1-1 15, Williams 4-14 1-4 9, Ethridge 0-1 2-3 2, Au. Smith 2-5 0-0 4, Davis 2-4 0-0 4, Wimbish 3-6 0-0 6, Jones 1-3 0-0 2, Priddy 0-2 0-0 0. Totals 28-70 8-16 64.

TEXAS TECH (57)

Wood 2-4 0-0 4, Clay 2-6 6-6 10, Koncak 4-7 1-2 9, Cain 7-21 2-2 16, Franklin 3-11 2-2 8, Logsdon 2-4 0-0 4, Jones 3-8 0-0 6, Berry 0-1 0-0 0. Totals 23-62 11-12 57.

Halftime score—Texas 29, Texas Tech 28. Fouls—Texas Tech 16, Texas 14. Fouled out—Cain, Texas Tech. Rebounds—Texas 50 (Lloyd, Williams 10), Texas Tech 35 (Clay 9). Assists—Texas 22 (Williams 7), Texas Tech 14 (Cain, Franklin 4). Steals—Texas 9 (Lloyd 3), Texas Tech 9 (Franklin 4). Blocked shots—Texas Tech 4 (Clay 3), Texas 3 (Davis 2). Turnovers—Texas 17 (Lloyd 5), Texas Tech 14 (Franklin 5). A—5,005 (Tech women's record).



Out of reach

Texas Tech's Debby Jones battles Texas' Raiders' 64-57 Southwest Conference loss to the No. 1-ranked Lady Longhorns. Clarissa Davis for a rebound Tuesday night in the

## Raiders look good despite loss

By KENT BEST  
University Daily Associate Sports Editor

Richard Nixon and John F. Kennedy had a famous televised debate some 20 years ago, and it was a quirky sort of thing.

According to those who research such things, people who watched that debate on television thought Kennedy won hands down. People who listened on radio were certain that Nixon was the winner. It all depended on the audience's perspective.

The Texas Tech women's basketball team must feel a little like Ken-

nedy after its Tuesday night loss to the No. 1-ranked Texas Lady Longhorns. Win or lose, they both looked good.

Kennedy was declared the unofficial winner of the historic verbal fisticuff. There was no scoreboard, of course. No 30-second shot clock.

There was, of course, a scoreboard hanging above the laminated Coliseum floor Tuesday night. But if there hadn't been, the unofficial winner would've been easy to pick.

Kennedy was well-informed; Tech was well-schooled on the weaknesses (however few) of UT's persistent

defense.

Kennedy looked fit; the Raiders have seldom looked more poised and rugged than they did against the Lady 'Horns.

The Raiders wore their hearts on their sleeves each trip down the court; likewise, Kennedy exhibited traits of emotion and self-denial for a cause.

Kennedy went on to beat Nixon at the polls in 1960 and became our country's top dog. Tech also will get another shot at its opponent later this year. Texas will be favored; Nixon was favored, too.

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# Twisters set to begin gymnastics schedule

By BRAD WALKER  
University Daily Sports Reporter

If Texas Tech fans are hungry for a conference contender, or even a champion, they usually can turn to the Tech Twisters gymnastics team.

Tech followers would not be able to get a Southwest Conference title — gymnastics is not an SWC sport — but they might get a champion, nevertheless.

Gymnastics is a club sport in this region of the country, and the SWC offers no help in the way of an NCAA sanction. Tech is a charter member of the Texas Gymnastics Conference, founded in 1979 by Twisters coach Wally Borchardt, who is TGC president for the sixth consecutive year.

SWC members Texas and Texas A&M help comprise the 11-member TGC. UT-Arlington, Lamar, North Texas State, Abilene Christian, Southwest Texas State, Eastfield Junior College, Pan American and Richland Junior College round out the league.

The Twisters have finished at the top of the league for much of the TGC's history, and Borchardt believes his squad is headed for another productive season.

"We have quite a gymnastic tradition going," Borchardt said. "I think they (the team) can go all the way. They certainly work hard enough."

But do not let Borchardt's zeal for the sport and his confidence in his gymnasts lead one to calling him "cocky." This is not an average run-of-the-mill coach.

"We certainly have done our fair share of winning," he said. "I don't think they (the team) expect to win, but they know they can win. I hope they are not so big-headed that they think like that — I don't think that would be healthy."

For the twisters to claim a conference crown this season, Borchardt will count on strength from his floor exercise and still rings performers. Sophomore captain David Brosig, who competes in all events, is expected to be "one of our high scorers" according to Borchardt.

Pommel horse, parallel bars, and horizontal bars competitor Ruben Rodriguez should also contribute highly in the scoring along with Jeff Holderman (still rings, long horse vault, both bars). The bar events concern Borchardt.

"We need to improve our overall depth, especially in the horizontal bar. It happens to be the last event of the meet and you would like to be strong at the end," he said.

"Depth is very important," Borchardt added. "You need four scorers in each event. If you can have all four high scorers, it's a real advantage."

The road to the league title likely will go through College Station. The Aggies are the defending TGC champs and look strong again.

The Twisters will get a chance to match A&M Saturday when they host the Aggies and Denver's Metro State at the Student Recreation Center. The second of seven meets this spring, this meet will be the Twisters' only home appearance of 1986.

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### Pear Tree Apartments

1809 14th Street  
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1 and 2 bedrooms. Furnished and unfurnished. Pool, laundry facilities, and security guard.  
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**EFFICIENCY:** One and two bedrooms. New tenants free month rent with Spring lease. 1/2 block from campus. Quiet environment. International students welcome. 2410 8th Street. 763-1434.

**FOR RENT:** 3 bedroom apartment. 1/4 block from Tech. Phone 763-9017.

**FOR RENT:** One bedroom apartment, handy to Tech. Furnished or unfurnished. \$175, clean. Phone: 797-5432 or 792-4891.

**FURNISHED** small but nice garage apartment. Located near Tech, near 2403 7th. \$100 per month. Call 792-5169 or after 5:00 p.m. Call 799-1244.

**IDEAL** for 2 or 3 students. Large 2 bedroom, furnished. Semester leasing, fenced yard, covered parking. 2219 9th. 746-6505.

**LIVIN INN - Effic.** apartments, 1 block to Tech. Designed for students - bookcase, dishwashers, disposal, party grills, pool, laundry, 763-7590.

**LUXURIOUS** remodeled apartment, two bedroom. Furnished or unfurnished. Convenient location. Private drive. No pets. 792-1195.

**NICE** one room efficiency, in rear. Water paid, \$150 month, 24th and Akron. 747-5676 after 5:00 p.m.

**SMALL** pet allowed. 2 bedroom near Tech. Washer dryer, nice yard, new plumbing. \$325, plus bills. 763-3864.

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Tech students, Now leasing Efficiencies, one, two and three bedrooms. Wet bar, fireplace, patio, perfect location.

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### UNFURNISHED FOR RENT

2405 14th: Two bedrooms, one bath, stove and refrigerator available. \$280 plus gas. 1/2 block from Tech. 797-5055.

**ATTRACTIVE:** One bedroom duplex, stove, refrigerator furnished. Carpeted, refrigerated air. Off-street parking. No children, no pets. Water paid. 1604 B 29th Street. 795-2282.

Exceptionally clean, remodeled, refurbished. Couple, single, no pets. \$185 2114-A 9th. 799-3368.

**LARGE** two bedroom apartments. Walk to Tech. 799-7310.

**UNBELIEVABLE!** nice! 1 bedroom, spotless, quiet, lawn kept, 1 block from Tech. All bills paid. \$295, 2313 13th. 765-7182.

**WALK** to campus. 1 pay deposit sublet until May. Large one bedroom, wood floors. 747-5157.

**WHISPERWOOD:** Quadplex, 2 bedroom, 1 bath. Washer dryer, refrigerator, firehouse, earth tones, very nice convenient to Tech. \$400, 130 A N. Troy. Westmark Residential Management. 793-8759.

### ADVANCE To THE Boardwalk PASS GO

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\$50 Deposit

5540 19th Street      793-2214

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275 Unfurnished      2309 9th      Sunrise Apartments

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**ANYONE** interested in losing or gaining weight and feeling great call 799-6848. This is guaranteed.

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**MATH** or Basic Computer Programming by experienced, certified teacher. Call Don P. Rogers at 797-3433.

**PROGRAMMING** problems? Need help? CICS, COBOL, PLI, PASCAL, BASIC, FORTRAN. Tutoring available 747-2010 or 762-4390.

**TO "D" or not to "D,"** for tutoring in English or Political Science call Mary, 742-7104.

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### PERSONALS

**HOUSEMATE** wanted. Newly redecorated, pleasantly landscaped. Prefer older student, male or female. Call 796-0335, anytime.

**NEEDED** Roommate: Furnished 4 bedroom house. Washer, dryer \$150 monthly plus utilities. Call Becky 799-2562.

**NEED** roommate to share nice 3 bedroom house. \$175 monthly, 1/2 bills. Call Leah, 799-1295.

**ROOMMATE** wanted: Share two bedroom house, 30th & Boston. Must like pets. 797-0974 (evenings).

**ROOMMATE** wanted: Share large new duplex. Private bath. Split expenses. Mature young person. 6119 34th, 793-0305.

**ROOMMATE** Needed: 2 bedroom house, furnished. Excellent location 2 blocks from Tech. Call 796-2834.

**ROOMMATE** needed: \$90 monthly, 1 block from Tech. Call 747-6529 after 6:00 p.m.

## BABY IT'S HOT

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## Patriots agree to take drug tests

**FOXBORO, Mass. (AP)**—The New England Patriots have been dealing with a drug problem on the team since last January, including the testing and successful treatment of two players, Coach Raymond Berry said Tuesday.

"We were not treading water," Berry said of the Patriots' response to the problem. He said drug use was a serious concern that had to be addressed but was not a major problem that ever affected the team's performance.

His comments came at a news conference one day after the team announced it would submit to voluntary drug-testing. That decision came after published reports that four starters were among players on the American Football Conference championship team who frequently used cocaine and marijuana.

Berry said reports that 12 players are involved are not accurate, but he would not say how many players might be using drugs.

The NFL Players Association said it would file an unfair labor practice charge over the decision to test the players for drugs.

Assistant Player Representative Ron Wooten said that because of their special respect for Berry, team members agreed in a recent meeting to be the first National Football League team to undergo voluntary drug testing.

Berry said he confronted the players with the issue at a two-hour meeting following the team's 46-10

Super Bowl loss Sunday in New Orleans. Wooten said 96 percent of the team attended the meeting and 86 percent of them voted to be the first NFL team to accept voluntary drug testing.

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SOL	RE	TRET
ALICE	ASPI	RET
MIRANDA	AROSE	
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DEE	APSE	ENDS

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# Recreational Sports

Articles on this page are provided by Recreational Sports and are paid for by the advertiser below, K. Kay Hopkins, Editor.

## ALL-NIGHTER SCHEDULE OF EVENTS FRIDAY, JANUARY 31

7:00 p.m.	Basketball Tournament begins Co-Rec Volleyball Tournament begins Open Rec Swim (until 10:30 p.m.)	Courts 1 & 2 Court 5 Aquatic Center
8:00 p.m.	Aerobic Dance (until 9:00 p.m.) Squash Tournament begins Rappelling (until 10:45 p.m.) Racquetball Tournament begins Spades Tournament begins Casino Night	Archery/Golf Rm Squash Court North Entrance Courts 8-13 Arts & Crafts Rm Wrestling Rm
9:00 p.m.	Baseball Throw (speed) until 10:30 p.m. Table Tennis Tournament begins Indoor Soccer Tournament begins Water Volleyball Tournament begins Juggling Clinic until 10:30 p.m. Trivial Pursuit begins	Arch/Golf Rm LL Multipurpose Court 5 Aquatic Center Archery/Golf Rm Arts & Crafts Rm
9:30 p.m.	Slam Dunk 42 Tournament begins	Court 4 Arts & Craft Rm
10:00 p.m.	Outdoor Movies	Classroom
10:45 p.m.	All activities close for:	
11:00 p.m.	Tom DeLuca "An Evening of Imaginative Improvisation and Hilarious Hypnotic Insanity"	Court 3
1:00 a.m.	Mr. Texas Tech Contest Resume All Tournaments Archery Tournament begins Open Rec Swim (until 3:00 a.m.) Rappelling	Court 3 Archery/Golf Rm Aquatic Center North Entrance
1:30 a.m.	Outdoor Movies	Classroom
2:00 a.m.	Darts Tournament begins Polar Bear Fun Run Goldfish Catch Water Jousting	Arts & Craft Rm North Entrance Aquatic Center Aquatic Center
4:00 a.m.	Finals of Tournaments	

All-Nighter Activities  
Refreshments—Lounge  
Open Rec Basketball, Table Tennis, Racquetball  
Weight Machines  
Food Coupons distributed throughout the night



Tom DeLuca, noted hypnotist and comedian, will be making his third Texas Tech appearance when he highlights the Student Recreation Center's All Nighter

on Friday with his 11 p.m. show. All students eligible to enter the Rec Center may be a part of the many All-Nighter activities.

## Hypnotist DeLuca Returns

The fifth annual All-Nighter, featuring hypnotist Tom DeLuca, will be Friday at the Student Recreation Center.

DeLuca has a B.A. in psychology and communications from the University of Miami at Coral Gables and a M.A. from Sangamon State University in Illinois. He worked for three years as a hypnotherapist dealing with psychosomatic disorders.

DeLuca has been touring the college circuit for four years.

Special events scheduled Friday include aerobic dance, rappelling, casino room, baseball speed throw, juggling clinic, outdoor movies, goldfish catch, water jousting and polar bear fun run.

Entries are due by 5 p.m. Thursday in the Student Rec Center for co-rec volleyball, men's and women's basketball, racquetball, table tennis, indoor soccer, squash, water volleyball, and the Mr. Texas Tech Body Building Contest.

Other tournaments may be entered in person Friday night. These include spades, 42, darts, Trivial Pursuit, archery, water jousting, polar bear run and the slam dunk contest.

All activities and tournaments are free to Texas Tech students.

## IM BRIEFS

### Gym reservations available

The men's and women's gym are available for team reservations and practice each evening. Teams desiring to reserve a court for workout need to call the reservation number, 742-3352, at the Student Recreation Center.

Reservations are made for each week beginning Monday with a team being allowed only one reservation per week. The men's gym is available Monday-Thursday from 7-10 p.m. The women's gym is open Sunday-Thursday from 7-11 p.m.

### Racquetball for women begins

If you are interested in meeting new opponents attend the meeting Feb. 4 at 6 p.m. in the SRC Classroom.

We will attempt to set some ability-grouped leagues. For more information, call Betty Blanton at 742-3351.

### Ski workshops planned

The following workshop is free with the only requirement being that you have access to the Student Recreation Center. Participants can sign up for all workshops in the Outdoor Shop, open Monday-Friday afternoons in Room 206 of the Student Recreation Center.

The cross country skiing workshop has basic instruction on types of equipment, skiing techniques and clothing needs.

This will be held Feb. 4, at 5:30 p.m. in Room 205 of the SRC.

### Cross country ski trip set

Escape to the beauty and solitude of the New Mexico Rockies from Feb. 7-9.

With a cost of \$70, only 22 students will stay in the Sipapu Lodge. The cost includes lodging, transportation and skis.

For adventure trips, the Outdoor Program utilizes the supervised trip approach. This format provides equipment, transportation and an experienced coordinator; however, the group has the opportunity to share in the planning, decision making and of course, the fun of the outing.

Safety, food, transportation and equipment needs are addressed at the pre-outing meeting (usually scheduled at 5:30 p.m. the Wednesday prior to the trip).

Inexperienced students should not hesitate to sign up at the Outdoor Shop any afternoon Monday through Friday (fee is required at registration).

This program is designed for maximum student participation, learning and fun.

Sign up early to assure your spot (other trips may be added).

### Aquatic classes available

Classes for the aquatic center are as follows:

SWIMNASTICS—Mon. & Wed. at 5:30 p.m. (throughout the semester)

ADVANCED LIFESAVING—Jan. 30-Feb. 13 (M,T,Th) from 7-10 p.m.

FIRST AID—Feb. 3 & 4 at 5:30 p.m.

WET SET CLUB—improve your endurance and fitness through swimming. T-shirts awarded at the end of the semester for obtaining your goal.

TWILIGHT HOUR—Friday nights from 7:30-8:45 p.m.

ALL NIGHTER AQUATIC EVENTS

open rec swim throughout the night

water volleyball tournament at 9 p.m.

water jousting tournament at 2 a.m.

Goldfish catch at 2 a.m.

Call 742-3896, or come by the Aquatic Center to register for classes.

### Techsans program starts

Registration for physically fit Techsans continues in the Rec Sports Office. The purpose of this program is to encourage Techsans to exercise regularly and practice healthful living habits.

Participants predict a point goal which can be attained through various aerobic activities. When the goal is reached, a T-shirt is awarded. There is a \$4 fee.

An award is also given to any department, organization or residence hall which has at least four members on the board and 75 percent of the members attain their goals.

Registration will continue through February 14.

## Coming Soon...

Activity	Intramurals	Entries Due
League Bowling		Jan. 28-Feb. 6
Racquetball Doubles.....		Feb. 4-6
Handball Doubles.....		Feb. 4-6
8 Ball Pool Doubles.....		Feb. 4-6
Chess.....		Feb. 4-6
Squash Singles.....		Feb. 4-6
	Special Events	
All Nighter Tournaments		Jan 30

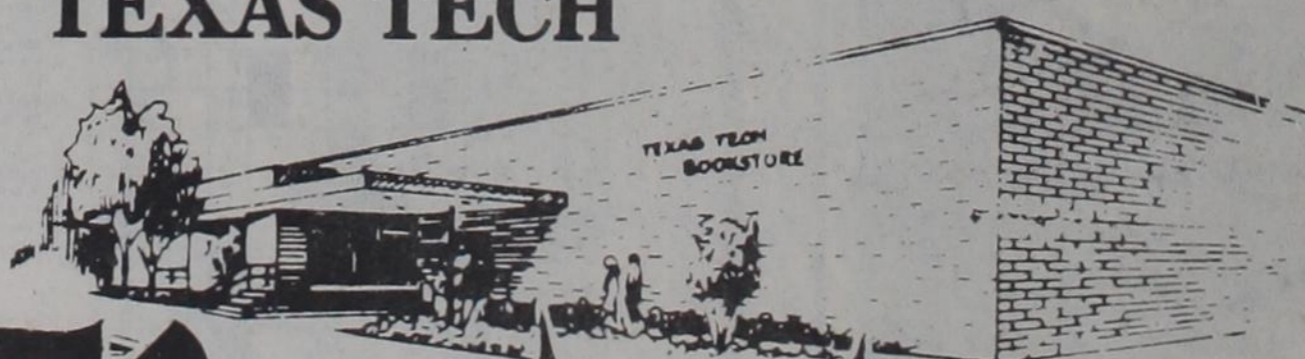


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