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REVELLE '74

University of Texas at Arlington
Volume 57
Arlington, Texas 76019

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Future Challenges

University

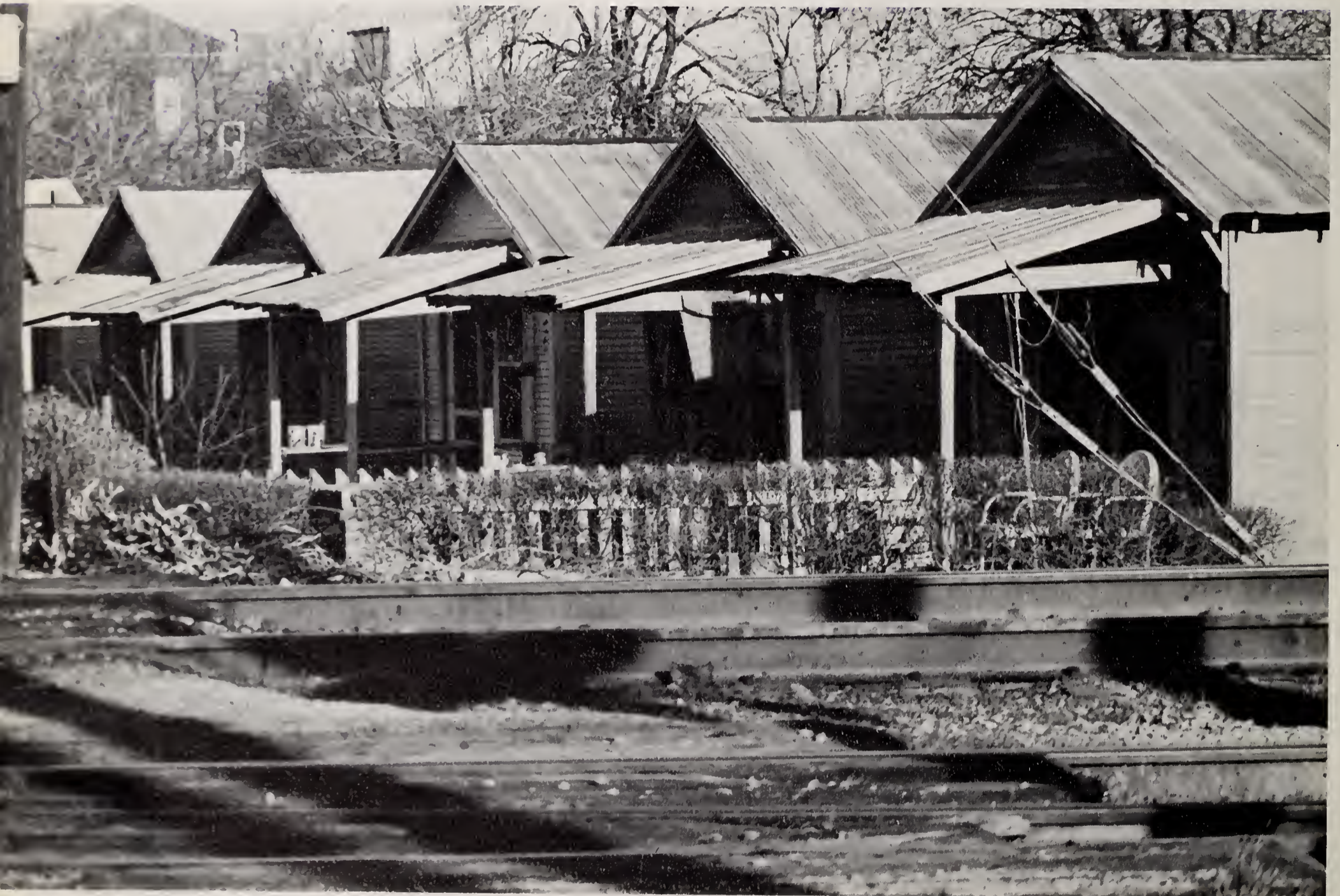
Mankind has created and endured many cultures and catastrophies on his long journey to the present, each evolvment of civilization yielding to the next as if part of some natural sociological succession. Today, many persons have begun to ponder the culmination of our journey into time. Whether or not it ends in conflict and desperation or leads to a continued journey towards increased prosperity and humanity lies in the actions of the next few generations of man.

The university community, as a forum for free and learned thought, may well provide the proper guidance for the critical, uncertain future. It need only dedicate itself to accepting that responsibility.

Poverty Scars Urban Centers

Our urban centers are scarred with the ugliness of poverty and despair. Poor and wealthy exist side by side; two antitheses separated by a great misunderstanding.

Intellect, understanding and action are the only means to a solution.







City Encroaches Upon Country

The metroplex creeps outward, forcing farms and rural folk to bid a hasty retreat. Economic pressures make small farms and ranches unprofitable if not unliveable. Social conglomeration seems to be economically secure, but the problems which it creates are many.





Together and Alone

Within the context of the urban environment, the loneliness of one is immeasurably magnified. The more the people, the greater seems the isolation.

Man's famed inhumanity to man reveals itself in all its subtle splendor against the city's camouflage of togetherness.

One is the loneliest number.



TO
=
TERLINGUA
TOM

HE IS A NICE OLD CAT
BE FRIENDLY

GIVE HIM A PAT
A LITTLE WATER
A LITTLE FOOD

THIS IS THE DAY

YOU DO SOME GOOD

ALL HE NEEDS IS A LITTLE LOVE

SO BE A NICE GUY

GIVE IT A TRY

HIS NEEDS ARE FEW

ONLY LOVE

EVEN AS ME

EVEN AS YOU

AND A MOUSE

Problems of Togetherness

Urban living challenges citizens to act as a unified force in solving some of the many problems which face them: prisons and crime, public health, mass transit, rapid transit for the future, to name a few.

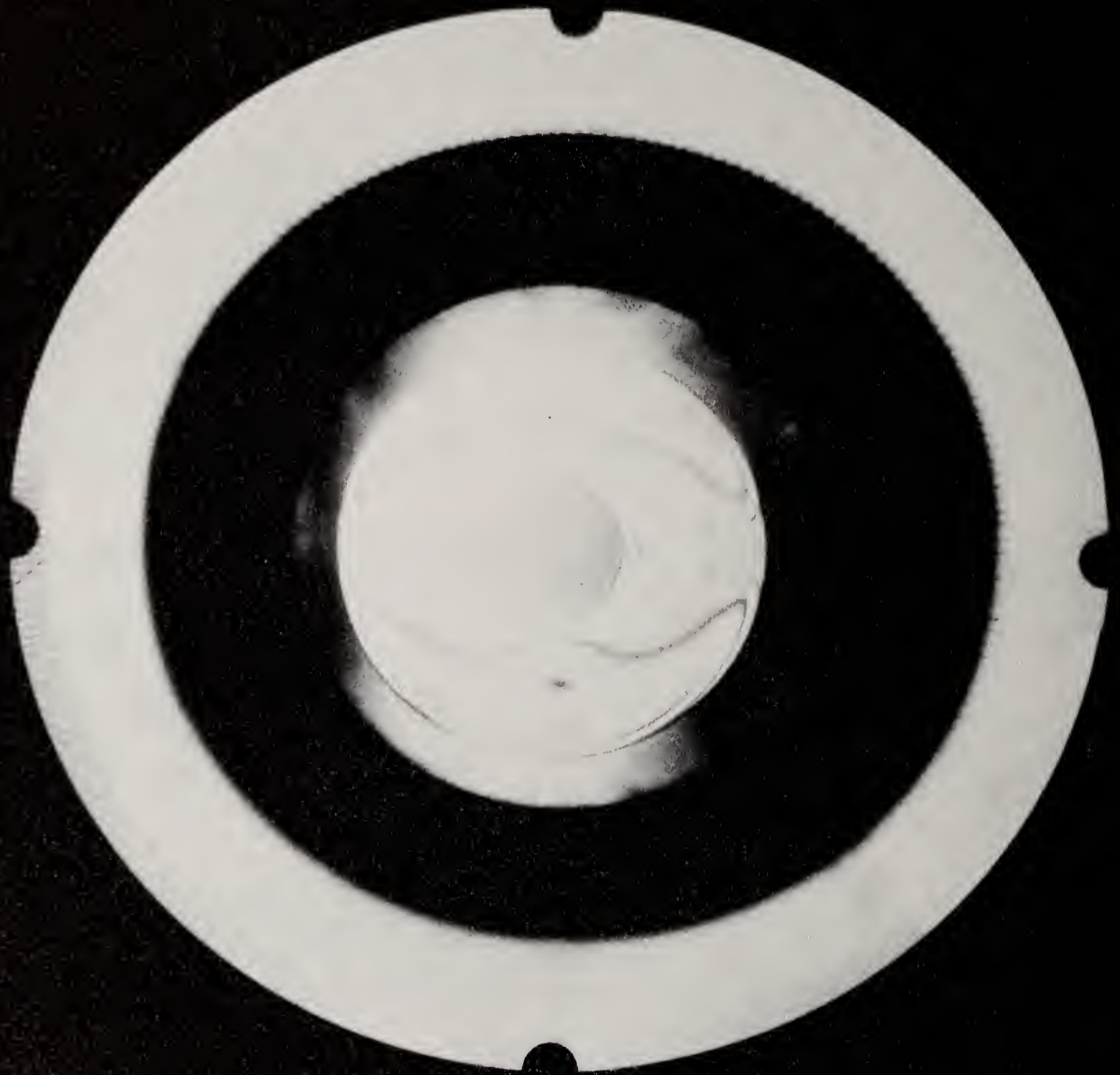
Solutions to these problems must be arrived at within the boundaries of public acceptance, economics and ecological considerations.

The university is ideally suited to the challenge.





Campus 'Community' a Must



Acceptance of the challenge implies a capability to cope. Problems of urban society represent the most complex interdisciplinary situations man has yet to face.

If the university is to accept the challenge, it must integrate itself into a community lifestyle. It must develop a university intellect and a social responsibility.

Academic subdivisions of the university must, while maintaining their unique identities, become a link in the problem solving chain.



Others Have Same Woes

Urban woes transcend national boundaries. Other nations face problems similar to those the United States is now experiencing.

This campus is fortunate in having a large complement of international students within the community.

Plans are now underway to exchange students and instructors with the U.S.S.R. in the near future.

We are in an excellent position to draw upon this asset in our battle with urban problems.









Debate Needed

To function effectively, the university community must act as a forum for free and unimpeded thought. Dissension must not merely be tolerated; it must be encouraged.

Opinions vary and personalities clash. Out of such disorder, valid solutions are often formed.





Talk Isn't Cheap

Since man first crawled into caves to escape the rain, he has tried to communicate his feelings to others of his kind. The communication enabled him to relate his needs and feelings to others so as to formulate useful concepts in thought.

While man has evolved from sharp rocks and sandstone walls to lasers and satellites, how far has he really come toward improving the art of communicating?

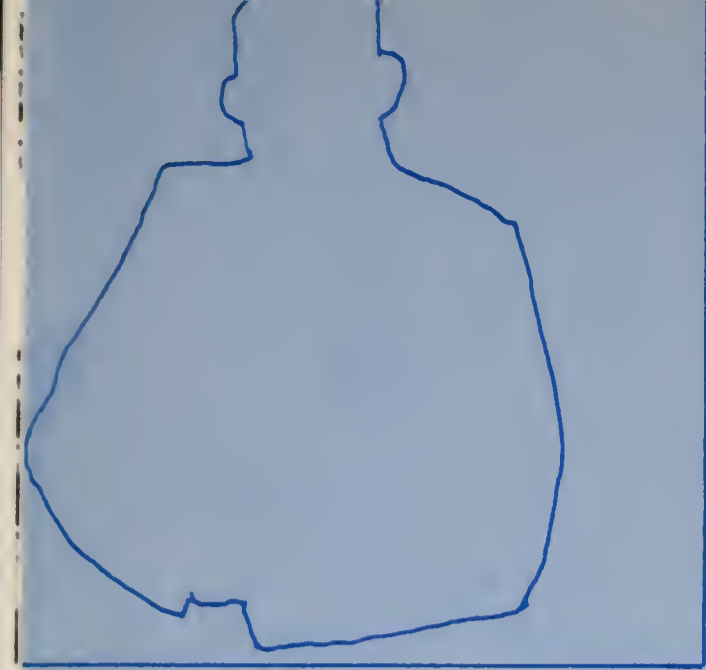


. . . *And What of Tomorrow?*

With communications as the common denominator, the university and society must face our urbanization with open minds and eager hands.

As world population increases, the problems will compound themselves. We must begin planning and action now to insure that future generations inherit a viable urban environment.

The pages which follow mirror a university which is well on its way toward accepting this challenge.



אברהם יצחק פראוול



Chancellor

RIGHT: TCJC Chancellor Joe Rushing shows Chancellor Charles LeMaistre through the Jenkins Garrett Collection donated to the university library. BELOW: Charles A. LeMaistre, Chancellor of the University of Texas System.





UT System Regents Seek Future's Promise

So you want to be a student regent? You'd be in fast company. Doctors and lawyers and a former first lady comprised the UT Board of Regents, chaired by bank executive, A. G. McNeese Jr. and vice-chaired by insurance company president, Dan Williams.

Lady Bird Johnson, Dr. James Bauerle, a noted San Antonio oral surgeon, and Dr. Joe Nelson, president of the Southern Medical Association, were on the board.

So were attorneys Edward Clark, Frank Erwin Jr., Jenkins Garrett and Allan Shivers.

Bauerle raised buffalo as a hobby. Erwin has been known to raise hell.

Lady Bird raised flowers and Garrett served as foundation director of Southwestern Baptist Theological Seminary. McNeese was once conferred the Knight's Cross, Order of the Crown by Belgium's King Baudouin. Clark was once an ambassador to Australia.

As for a student ever being named to sit with them, it didn't come to pass; but Dolph Briscoe, when he needed the youth vote for governor, did mention placing a



college person on the board. Shivers, himself governor of Texas for eight years, wasn't keen on the idea.

"I doubt seriously if it would work," he said in a *Shorthorn* interview, "because of the transient life of a student. If we appointed one, we wouldn't know for sure whether or not he was going to stay for the full six-year term.

"Once he's appointed and confirmed he can quit being a student, so you really don't accomplish anything. I think students now have accessibility to regents."

Accessibility, perhaps, but still one didn't just knock twice and "truck on" into headquarters in the UT Austin tower to lay his troubles at the feet of the massive oak table from whence came the manna for matriculation.

The pressures around the table were indeed enormous. To preside over three academic campuses and six medical schools—total assets in excess of \$1 billion—demanded more than good intentions.

On just our campus, for instance, the regents approved a 22,801,518 budget.

That was 15 per cent over last year's operating funds. To partly cover it, the building use fee was changed from a flat \$50 semester to \$8 plus \$5 per semester hour.

The board appointed, and partly filled, a committee to choose a permanent UTA president. Dr. Wendell Nedderman became acting president Nov. 4, 1972, following the resignation of former president, Dr. Frank Harrison. With precedent-setting slowness, Nedderman was announced permanent president February 1, 1974.

The board approved a master's degree in computer science for our campus and a joint Ph. D. in mathematical science to be offered by UTA, UT Dallas and the UT Health Science Center.

Another regent decision was required on Cooper Street. Would the board, trying to find common ground with pedestrians, Arlington and the Texas Highway Department, favor a reroute, or depressing the street, or bridging it?

Suggestions were entertained to move Cooper to Dallas and let it be Mayor Wes Wise's problem. Also to keep the street at its present level and depress the campus.

When you're a regent, you put up with occasional guff. You're better off a student.





UT system regents discuss the future of the various institutions during one of their meetings. It is here that budgets, policy and system goals are determined.



Nedderman 'Sorry' Acting President

"A university can stand still only for a moment. Then it either progresses or falls back."

—President Wendell Nedderman

"When the going gets tough, the tough get going."

—Texas A&M Machismo

Dr. Wendell Nedderman was a sorry acting president. For that matter, though, "acting president" is a sorry title.

It's a contradiction. "Acting" implies biding time, doing business in blinders. "President" implies decisions now. The perfect acting president would do little and do it quietly, maintaining the status quo until a fulltime chief is named.

Ex-Aggie Nedderman never could act the part. After Feb. 1, 1974, when he was knighted by the UT Board of Regents, he didn't have to.

Two early calls are waiting. Must be returned.

"I've spoken frankly to the chancellor (Charles LeMaistre) and certain regents," he said in the fall, "that I'm going to do what I feel is best for the university and if they don't like it, they better find out about it now."

The board, using its own selection committee and a student-faculty advisory group, took 15 months to find out, long enough to feed the fears that some Austin-Dallas regents wanted a patsy, not a Prometheus, to direct the fastest growing school in the state. Surely that was a rumor.

Return a call from Ed Montgomery, coordinator for the Council of Presidents. The council, composed of the heads of UTA, UT Dallas and the UT Health Science Center in Dallas, meets once a month to "explore possibilities for mutually advantageous cooperation." Nedderman is this year's chairman.

("A proposal not advantageous to at least two of the three schools is not a good deal We disagree regularly but we disagree agreeably

"Certain programs should be unique. We would oppose UT Dallas having a College of Engineering, an Institute of Urban Studies, A Graduate School of Social Work. On the other hand, they have a Ph.D. in communication disorders and are shooting for a doctor of pharmacy. I'm sure they would be opposed if we made noise in this direction.

"Some arts and science programs, though, are so fundamental that any university should have them.

It's not a question of duplication.")

Another rumor was that he would be as aggressive a leader, even in limbo, as he was vice-president of academic affairs and dean of engineering. That theory proved true.

In the 15 months following Nov. 4, 1972, when he was tabbed acting president, Nedderman appointed eight department heads and two college deans and faced a number of sticky situations involving tenure, faculty competence, the football future, et al.

Like any worry worth its name, these couldn't be shelved until a president was chosen. Nedderman's approach:

"Get all the facts, all the information and advice, then make a decision and let the chips fall where they may. I know no other way of operating."

Return a call from Jim Wagener, vice chancellor for academic affairs. Question about UTA's provisional admissions program.

In November, as the selection process heated, Nedderman remarked that "there are people who think I'm sitting here just chafing to be permanent president, and that I'm doing all kinds of maneuvering to bring it about, probably trying to win a popularity contest. I assure you this is not the case."

The school maintains a residence for its top official. Nedderman and his family—wife Betty and two of four sons still at home—didn't move in.

Nor did he set up shop in the paneled plushness of the president's private office. It would have been, he said, "presumptuous."

Fort Worth regent Jenkins Garrett is on the phone planning how best to get to Austin tonight. Lady Bird Johnson is hosting a dinner for the three North Texas area regents and three component heads.

"Do we fly commercial, or will the Orange Bird—UT system's Lear Jet which is based in Austin—be available?"

Nedderman stands 6'4", a large-boned (no fat) man with thick fingers and thicker cigars who fills up an office like a too-tight shirt. He laughs in syllables, distinct bass bursts that telegraph confidence.

He pulls out his bottom desk drawer and props his foot on it. Psychologists might view this a territorial stake-out. He steepled his fingers. Meaning: control. If



he's scared of his job, it doesn't show.

Dr. Wayne Duke, dean of student life, has a matter relative to the meeting tomorrow of the President's Advisory Council, a "flow of information" between the president and students.

(On accessibility, both to faculty and students, Nedderman's long-time secretary Katherine Pirkle says "the word is out that if you can't see him today, you can see him tomorrow.")

Her boss, in turn, sees advantages for the listener as well as the talker.

"I get a great deal of information from students. If things aren't going well in the classroom or around the campus, these students will tell you and they'll give it to you straight.")

He's apparently secure enough that he can risk letting his hair down in public. He, Mayor Tom Vandergriff and area businessmen in January cut loose an exhibition of slapdash jockery at a benefit basketball game sponsored by Alpha Phi Alpha. Two weeks later, again in Texas Hall, he read the prize winners in Pi Sigma Epsilon's basketball promotion.

All this activity on a basketball court—but can he go to his left?

Exit Duke, enter Lynn Davis, director of news and information. There's a dinner the 11th for the Gifted Students Foundation (UTA will host a seven week summer program); agenda must be planned and a letter written. There's a luncheon the 13th with metroplex newsmen.

"Food" budget: Have no idea. It's bigger this year than it's ever been, but it's money well spent because it'll pay off.

"I do not know any school that's been successful without community involvement. We're getting the word out, a popular phrase in 300 Davis Hall, to legislators and community leaders, individually and in groups, about what a fine university we think we have Let's face it, when the legislature meets, it's good to have personal contact.

"More support makes a better university; a better university is better able to serve its students. It's a very straight forward sequence."

Nedderman is the third president since the school

went four-year in 1959, the same year that he joined the faculty as the first dean of engineering. He replaces Dr. Frank Harrison, who was appointed head of the UT Health Science Center in San Antonio.

The College of Engineering under Nedderman's administration became one of the 20 largest in the nation. In 1965 he was named Engineer of the Year by the Fort Worth chapter of the Texas Society of Professional Engineers.

Reared in Iowa, he holds B.S. and Ph. D. degrees in civil engineering from Iowa State University. He earned his master's at Texas A&M, taught there for more than 10 years, received the ex-students association's Faculty Distinguished Teaching Achievement Award.

Exit Lynn Davis, enter Dudley Wetsel, vice-president for business affairs. Discuss money matters. The Permanent University Fund.

A 15-minute visit has been arranged for Thursday with Deputy Chancellor Don Walker. Wetsel and Nedderman will drive, leave at 6 a.m. That'll be three trips to Austin this week.

"About the Ike Harris Governor for a Day," Wetsel asks. "Shouldn't we have somebody down there?"

"Don't think it would hurt."

"Would you like me to go? I'll be in San Antonio."

"Um. Make sure they know you're there, will you?"

Nedderman was at A&M when the oil companies decided they were "ready to go offshore"—put drilling platforms in 60 feet of water—despite not knowing the



effect of the elements.

A&M's oceanography department had researched soil conditions and stress factors in the currents. Gulf Oil needed a structural engineer to translate the findings.

Nedderman spent his '50s summers in the gulf with Gulf, and is still on retainer. In the last five years he's traveled a day here, a day there to Nigeria, Portuguese Angola, London twice and the Alaska North Slope to evaluate plans.

After lunch, dictate letters until 2:15 p.m.

"Dislike shuffling papers the most. This stack here"—he points to the desk's outer edge—"is on hold. This stack here is what's accumulated the last two or three days. This other stack hopefully will be cleared up before the day's over."

Twenty seven master's degree programs have developed since 1966. Last year alone the school gained a master of science in computer science, a joint bachelor's program in biochemistry with UTHSC in Dallas and a



joint Ph.D. in mathematics with UTD. On the drawing board is a joint Ph.D. in biomedical engineering between UTA and UTHSC.

Tarrant County legislators, notably Don Kennard, screamed Big D bias when the politically aware regents announced a UT component to the east. Now, Nedderman says, the existence of UT Dallas is actually furthering graduate growth here.

"The mood in Austin toward new Ph.D. programs is very negative. They're turning them down right and left. If we want new Ph.D. programs at all, we must explore the possibility of joint endeavor."

Change clothes at home. Be at Meacham Field in Fort Worth by 3:45 to catch UT system plane.

Will return 10:55, be back home shortly after midnight.

"Watching a university bloom, and being a part of it, is a unique experience. And you can't just go to any university and have this situation. We're in the right geographical location, at the right point in time, to use an overworked phrase, we're mushrooming. To me, it's pretty exciting."

It would seem, too, pretty tiring. A typical day around Homecoming ("typical if you accept a continuing degree of semi-chaos") reads like executive wind sprints.

The day began before seven. So will the next one.

Nedderman lights a Travis Club Especial, one of his "San Antonio cigars," the third in two hours. He'll smoke less than half before thudding it into the wastebasket.

"One of my bad habits," he admits.

"I'm always suspicious of any man who doesn't have a visible bad habit." Then he laughs.

A Baptist parable concerns a hard-working farmer who believes in God but not in shortcuts—or, supposedly, not in shortcuts to God. A "Waltons" type, he's forever mending, patching, shoring up.

When the weather turns sour, the story goes, he can sleep through a stormy night, knowing he's done his best.

Wendell Nedderman appears to have his academic house in order.

Let it rain.

Baker Initiates Expansion, Action

Two "Peanuts" posters covered a wall of Dr. William Baker's office.

One read: If you can't be right, be wrong at the top of your voice.

The other: No problem is so big or so complicated that it can't be run away from.

"The first one is my faculty and student poster," said the vice-president for academic affairs. "The second is my administration poster."

Maybe with the position came the need for a relief valve. During the interview, he was interrupted twice to attend to a delicate personal matter.

Baker, who earned his doctorate in chemistry from UT Austin, was hired three years ago to focus the fledgling graduate program. He was named acting VP for academics when Dr. Wendell Nedderman became acting president in November 1972.

It was a time of transition which almost negates the question: How did this year compare to last? Has it met your expectations?

"I don't know that I had time to anticipate anything, so there really weren't any expectations to live up to," he said. "Everything happened that November very quickly. We had a little evidence Dr. Harrison was leaving, but not much."

After a whirlwind initiation, the stylishly dressed Baker settled to the task of academic development. One step in the process was money.

"Slowly, but I hope surely, we're increasing our efforts in research funding. We still don't have the organized push, but it's improving.

"We should see more improvement," he said in November,



"when a permanent president is named."

Rather than talk about individual research projects, Baker singled out several larger areas for praise.

"Architecture has become very exciting, innovative . . . the Institute of Urban Studies is quite significant for a university located where ours is . . . the College of Business is getting out and relating more to the community, especially with the executive-in-residence . . . a number of programs in the College of Engineering have shown real progress: the Power Systems Research Center, Construction Research Center, Transportation Center . . ." (Editor's note: These areas are discussed further in the Academics section.)

As a member of the Budget Policy Committee and ex-officio member of the Long-Range Planning Committee, Baker played a significant role in curriculum budgets and construction for classroom expansion.

Other duties outlined in the *Handbook for Operating Procedures* weren't taken as literally.

"Technically, every academic appointment comes from me. Usually this is just a formality.

"This office does say 'yes' or 'no' on recommendations for faculty promotions, which have to be okayed by the president. I never initiate a faculty promotion."

He admits to not conducting much "institutional research," either. Another facet of the hand-



UPPER LEFT: Richard Ferrier, assistant professor of architecture. LEFT: Biology student dissects dogfish. ABOVE: Dr. William Baker, Vice-president for Academic Affairs.

book job description, the situation has hopefully been corrected.

"This role has not been very active. It's just beginning to, with the Faculty Development Resource Center."

The center is one of 11 branches which report to Baker, including the Continuing Education Office, Library, Institute of Urban Studies, Graduate School of Social Work, Graduate School Computer Center, and Colleges of Liberal Arts, Business, Science and Engineering.

Wetsel Balances Books, People

"Fortunately or unfortunately," said Dudley Wetsel, "almost everything you do in the United States has to do with money."

And that made Wetsel the man of the hour. As vice-president for business affairs, the Midwestern graduate (four-year athletic scholarship) cinched the purse strings for a \$60 million physical plant. Not bad for a college basketball player.

On any money-related matter, he was the person who heard the complaints worded as suggestions. Hell hath no fury like a department head unfunded.

"Sometimes I put out grass fires," Wetsel said metaphorically of his job, "sometimes I'm a planner. Mainly I coordinate the campus finances and those things that pertain to them.

"The rewarding thing is to get people to cooperate with each other. If I can get two," he paused, "belligerent people working toward a common goal—there's a great deal of satisfaction in that."

Wetsel, who helped shape fiscal policy for two other UT schools before coming here in January 1973, had several opportunities to gain satisfaction this year.

Among other things, there was Cooper Street to contend with, allocation of space in new and existing buildings and energy-saving measures required by the Environmental Protection Agency. One item at a time please.

"I'm not in favor of depressing (Cooper), (especially) if we have to pay all the costs," he said. The Administration backed a reroute although, Wetsel noted, that wasn't in the city's thoroughfare plan.

A depression was. He said then,



"Aesthetically, the drawings we've seen don't look that good."

"If we had bulldozers out there today to depress Cooper, it would be two years before the work was completed. How do we get people back and forth across the street while it's being depressed? What would happen to traffic those two years?"

A city survey showed 9,000 pedestrian crossings and 24,000 vehicle passings daily, much of it, Wetsel said, UTA-generated. Something had to give. "You can't have pedestrians and automobiles fighting down a road."

Nor can you put two students in the same classroom desk. Wetsel, an ex-officio member of the Long-Range Planning Committee, included business, engineering, biology, geology and psychology on a list of colleges and departments needing more space.

A new business building, he said, was "inevitable." He didn't, say when.

"It will probably be east of the Business-Life Sciences Building. Most of the academic areas will stay in that core."

Recreation dominated the other side of the street, with the PE building, announced Student Activities Building and planned conversion of Swift Center to tennis courts and archery ranges.

The architecture department, of course, had a hold on Swift until the \$8.5 million Fine Arts Complex opened in Fall 1974. Fine Arts will house architecture, art, music and speech/drama areas of communications.

As for the energy crisis, Wetsel's office tried to arrange for the

school's 91 custodians to work in the daytime, devised car pool incentives for faculty, staff and students, adjusted building heating and cooling temperatures—for a "substantial savings," Wetsel said—and installed timers on outdoor lighting.

He stressed that this last move would "give up no security."

"We'll provide light for the people as long as it's needed."

Was that another metaphor?



LEFT: Maintenance employee checks electrical wiring in Preston Hall, slated for remodeling next spring. BELOW: Dudley Wetsel, vice-president for business affairs. ABOVE: Richard Yantis, director of Printing and Publications, and Joe Foster, press operator, check out offset press.



University Police

Women Start Active Duty

If Big Brother was watching, then so was Big Sister.

Casey Simpson and Margaret Pauley were the females on Chief Rufus Taylor's 35-person university police force. Of that number, 23 were commissioned, including the women, both of whom carried guns and checked regular beats.

"They're sensible, capable," Taylor said of his lady lancers. "They do the same work that the men do."

"Casey's done a beautiful job of office work but she requested outside duty, so why not place her outside?"

Especially since she handled herself "real well," as Taylor claimed.

Simpson, also a criminal justice major here, proved her skill at UT training school in Austin, an 11-week course in classroom instruction, marksmanship, boxing, wrestling, hand-over-hand up a 30-foot rope and other ability stretchers.

"The men all kind of liked to wrestle with the women," recalled Taylor, a 34-year veteran of law enforcement. "Casey fooled them though. She pinned most of them."

"There was one old boy from a hospital school in Houston who weighed 180 pounds. She threw him, two out of three falls, and he had her beat 50-60 pounds."

UTA, however, was not Dodge

City and the requirements usually were not so physical. In addition to giving tickets, the police also "turn off a lot of lights and close a lot of doors."

Even with the energy crisis, Taylor said, excess lights were always found on at night. Also, during a typical fall month, 135 office and lab doors were discovered ajar.

During that same month, campus cops impounded eight vehicles, at-



Above Right: Chief Rufus Taylor learns of an amusing incident just before leaving for lunch. Right: It seems police women's hearts are no softer than their male counterparts. Above: Since last year's controversial decision allowing campus police to carry firearms, the guns have remained holstered.





tended two sick students (those items not related), escorted 62 school employees carrying money for deposit and investigated 17 accidents, two aggravated assaults ("where they had little fisticuffs"), five suspicious persons, five hit-and-runs and five disorderly conducts. Whew.

The police also looked into one good-natured molestation. Rufus knew a rape when he saw one, but this was just fiddle-dee-dee.

"It was a joke," he explained

with fatherly patience. "A bunch of fraternity boys cornered this girl . . . but she was the girlfriend of one of the boys, and these people (who called in) didn't know.

"Of course the kids were all having fun out of it. The girl was cutting up and the boys were too."

With 33 buildings on (and off) campus to cover, there was considerable space for such collegiate rough-housing. Eighteen years a highway patrolman and six years police chief at Cuero, Taylor didn't

surprise easy.

Even with the experience, firsts were always possible. The first discrimination suit was filed with the Equal Employment Opportunity Commission, charging racial bias in hiring and promotions.

Facing retirement in two years, Taylor was still looking ahead. He anticipated 20,000 students and closed-circuit TV surveillance but "not in the immediate future."

Variety of Services Offered Students

The 1950s nostalgia stage show, "Grease," played the metroplex and several Arlington residents got hep.

Hepatitis, that is, 135 cases city-wide. That, said the director of student health services, is an abnormal number.

"It's very rare to see more than one case in a week," noted Dr. Warren Jurgensen, who was responsible for the 33-bed health center. "And hepatitis is one of those diseases that you file a report on (to city health authorities) only once a month."

The health center checked eight cases in a 10-day span. Jurgensen reported early for September. "With certain epidemics you don't wait."

It was almost enough to make a person avoid the Cooper Street eateries. A trio of them were rumored the germ source.

With or without a pseudo-plague, the health center staff would have been active. Jurgensen, Dr. Neil Dishon and Dr. Warren Poole, complemented by eight nurses, a lab technician and three receptionists, more than once encountered 150 out-patients in a day. The previous record was 127.

Increased enrollment likely contributed to more business but so, perhaps, did the nominal rates, availability of medicine and the fact that there was no charge to see a doctor.

The policy was Jurgensen's and he felt strongly about it.

"If we wrote prescriptions, half of them wouldn't be filled due to cost or inconvenience. Here a student can charge the medicine and it costs less.

"I'm opposed to having students pay to see a doctor," he added. "Some students wouldn't come over then, thinking they didn't have the money. We'd lose in health care offered."

Either way, students paid for what they received. Just less than 25 per cent of the student activity fee went to the health center.

Among the offerings were pregnancy tests and subsequent counseling, lab work, X-ray, stitching, allergy and immunization shots. Also treatment for venereal disease, the incident of which on this campus Jurgensen had "no way of knowing."

In addition to being "awfully hard to diagnose," he said, some embarrassed students go to Dallas or Fort Worth for help and thus would never be counted on a UTA syphi-list.

"There are all kinds of claim to fame. Some guys give themselves points for collecting girl friends, others for kicking a football, others for getting A's.

"Chronic damage can result (from VD). I see no point in publicizing it."

The doctor, who retired from the U.S. Public Health Service in 1970 to become the school's first full-time physician, has been helping people straighten their mental kinks most of his life.

"The fun of student health is that we're dealing with an ambitious group, a rather select group in terms of intelligence and goals. We have an awful lot of healthy people who run into acute problems that can be incapacitating, but they have marvelous resiliency, they're malleable yet."

"After a career of treating essentially chronic psychiatric cases, it's really fun to have somebody so upset that he can't function—and a few days later he's feeling just great."





UPPER LEFT: Health center director, Dr. Warren Jurgensen. LOWER LEFT: Dr. Warren Poole, staff physician, checks out a student complaining of minor throat irritation.

SUB Activities Varied and Changing

The student center snackbar lost its entertainment programs—and got them back—while down in the basement games area the action never skipped a beat, except for remodeling.

Never mind the 13 pool tables and eight bowling lanes, Thayer "Ted" Lewis at the cash register gave change for a dollar with more flair than a seasoned bank teller.

Ted oversaw the table games and billiards operation, while Sam Powell, an 11-year maintenance department veteran, and Len Stephenson kept the bowling rolling. Foosball, air hockey and ping pong were added to complement the facility's expansion, new carpet and improved lighting.

Air hockey introduced the first "danger" Lewis had encountered in eight years on the job. His office was in the flight path of the misguided missiles. He hasn't been hit, yet.

"But I've come close," he said. "If I worked outside this door I could collect hazard pay."

Lewis, who straight-facedly claims he was born in a log cabin in Salmon, Idaho, arrived here following a career in, for want of a better term, show business.

In the late 1930s, he parlayed vaudeville beginnings (mom told fortunes and ventriloquized, sister sang and little Thayer was a one-man band) into USO duty with the Army in World War II and afterwards.

"Played some of the best rice paddies in Korea," he said of that conflict. "The Army wanted me to stay on and perform in Vietnam. I told them no, two wars were enough."

He returned to Texas, and eventually applied at Arlington State



College to work in the Bursar's Office. The bursar was booked but no one headed the games area. Lewis signed on.

A man who obviously delights in people, he gave no indication of turning in his time card, though the student center secretary did.

Madge Newcomb retired after 15 years as appointments coordinator for center director, Pat Fowler, and his assistant, Don Beckner.

Cindy Reese, the new secretary, was hired in time to witness a semi-controversy over whether entertain-

ment programs could be held in the downstairs snackbar.

Some students complained the intended good-time offerings interfered with their lunch. Music, fashion shows, etc. were banned.

Other students, fearing possible rights infringement, appealed the decision. The Student Center Advisory Committee reinstated programs, which must be approved by the student activities board.

The problem was not one Ted Lewis could get close to. He was dodging airborne plastic pucks.



FAR LEFT: Thayer "Ted" Lewis checks out a set of billiard balls in the SUB basement games area. LEFT: SUB director of auxiliary services, Don Beckner, mans the post office on occasion. ABOVE: Foosball represents a challenge after classes end.



Regent Brings Gift Through Back Door

Jenkins Garrett had to come in the back door of the library in the fall, which hardly seemed proper for a regent bearing gifts.

Such was the predicament for all, even those with a van load of books to deliver, as mall construction cut off the front entrances. New concrete was down and front doors unlatched in plenty of time for the March opening of the Jenkins Garrett Collection.

Garrett, a UT system decisionmaker and Fort Worth corporate attorney, deposited 4,000 volumes on Texana and western Americana, a lifetime compilation. The acquisition was one of several additions to John Hudson's diversified library, which already housed the Minorities Cultural Collection and boasted art production facilities and a computerized cataloging system.

In the fall, the library also recorded an increase in exposings and thefts. To handle the situation, a campus policeman was assigned to the building.

BELOW: Xerox machines provide for easy note taking for a dime per copy. RIGHT: A necessary part of library security, students submit to their books being searched before leaving the building. FAR RIGHT: The "easy life" does not include the reshelving and keeping track of returned books. LEFT: head librarian, John Hudson.



There was no curbing enthusiasm for the Garrett collection, though maybe at first it was misunderstood. Nestled in richly paneled quarters on the sixth floor, it conjured up a Fredric Remington painting of buffalo stampeding the prairie.

"This is no 'cowboys and Indians' or 'wild west' collection," said curator Francine Morris. "Nor is it an 'our glorious heroes who died at the Alamo' collection."

She explained that the collection was prose and charts on pre-and post-Civil War, the Mexican War and Spanish borderlands. The collection was "very strong," she added, on early statehood and local history to the present.

Some of the books were "extremely rare." Some the Library of Congress does not have. Many were duplicated at UT Austin, which partly explained why the collection did not go there in the first place.

It made "no sense" having three copies in Austin, said Morris, plus Garrett wanted to keep his hobby in the area. "He intends to use it and it's easier to drive 35 miles than 200."

The Garrett offering joined a "number of odds and ends" already in special collections, among them a signed set of Mark Twain and beautifully illustrated works on Rembrandt and Andrew Wyeth.

While the school's first permanent collection snuggled into the shelves, across the hall the archives purred along in the past and down in the basement Dr. Gene Coldwell,



head of the art production branch of the audio-visual department, was cranking out art teaching aids for the faculty.

Color or black and white transparencies, 35mm slides, lantern slides—you name it, if you were a faculty member, and it was yours, free.

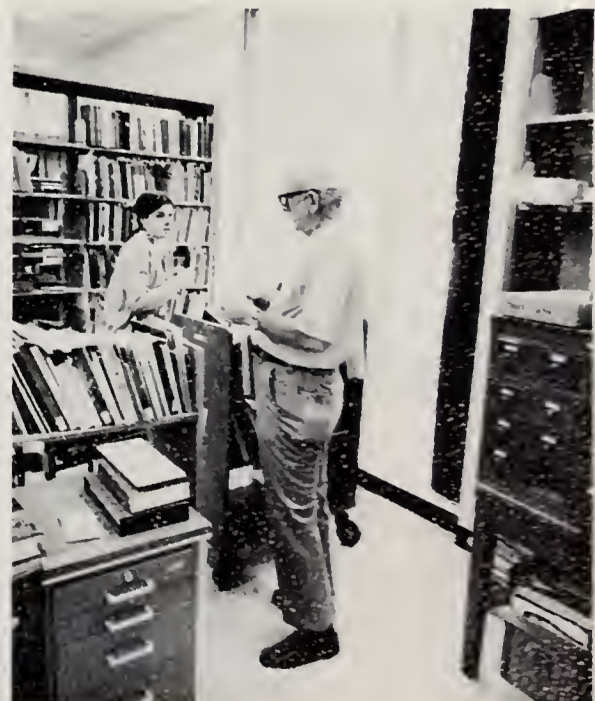
"We can do video tapes, too, which are my biggest areas of interest," he said, "But that's only one facet of the operation." Script printing and graphic layout help were also on the menu.

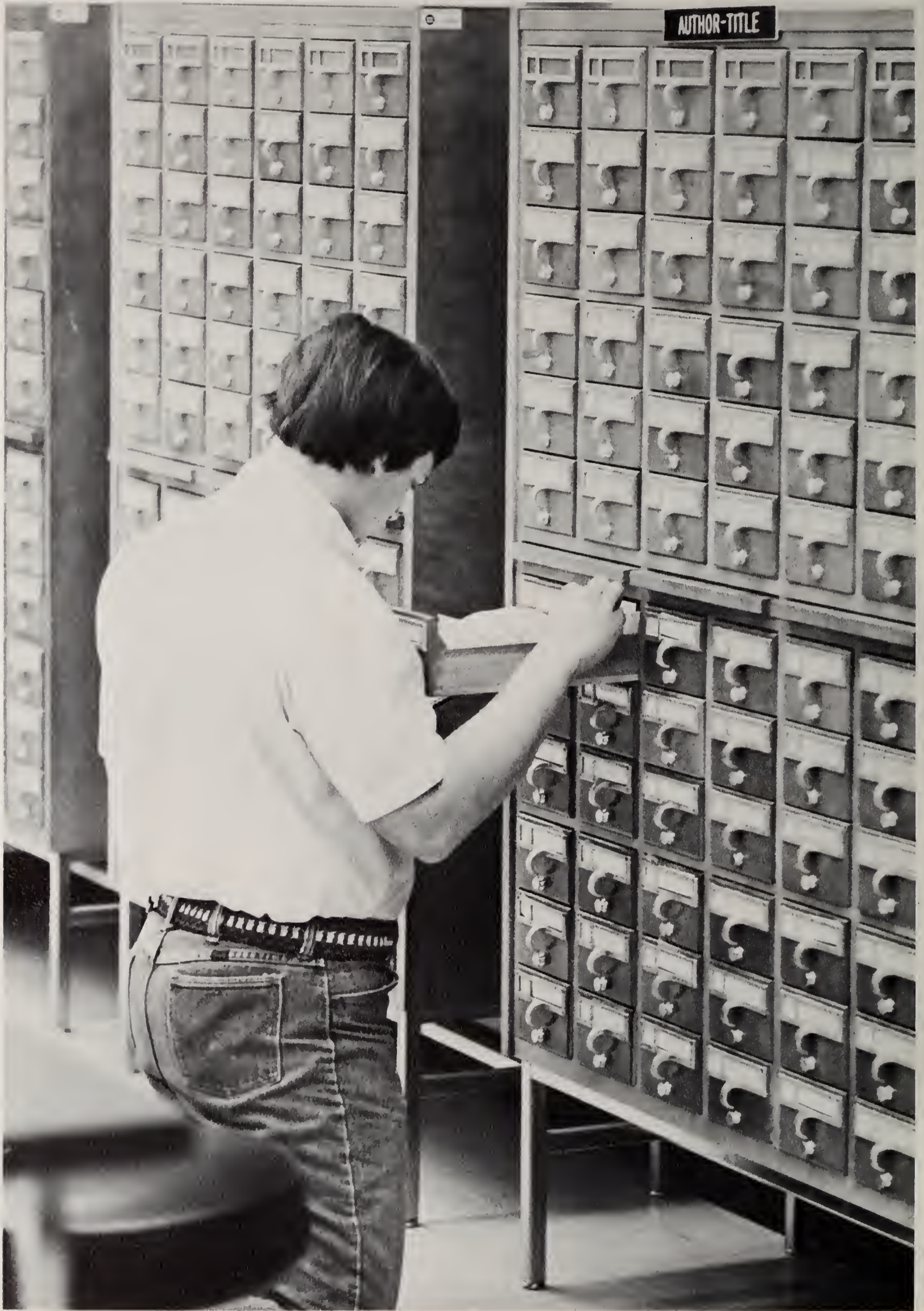
Coldwell had been interested in electronic media, specifically television, since before he was a freshman in 1964. His job someday may include coordinating the purchase and use of TV equipment here.

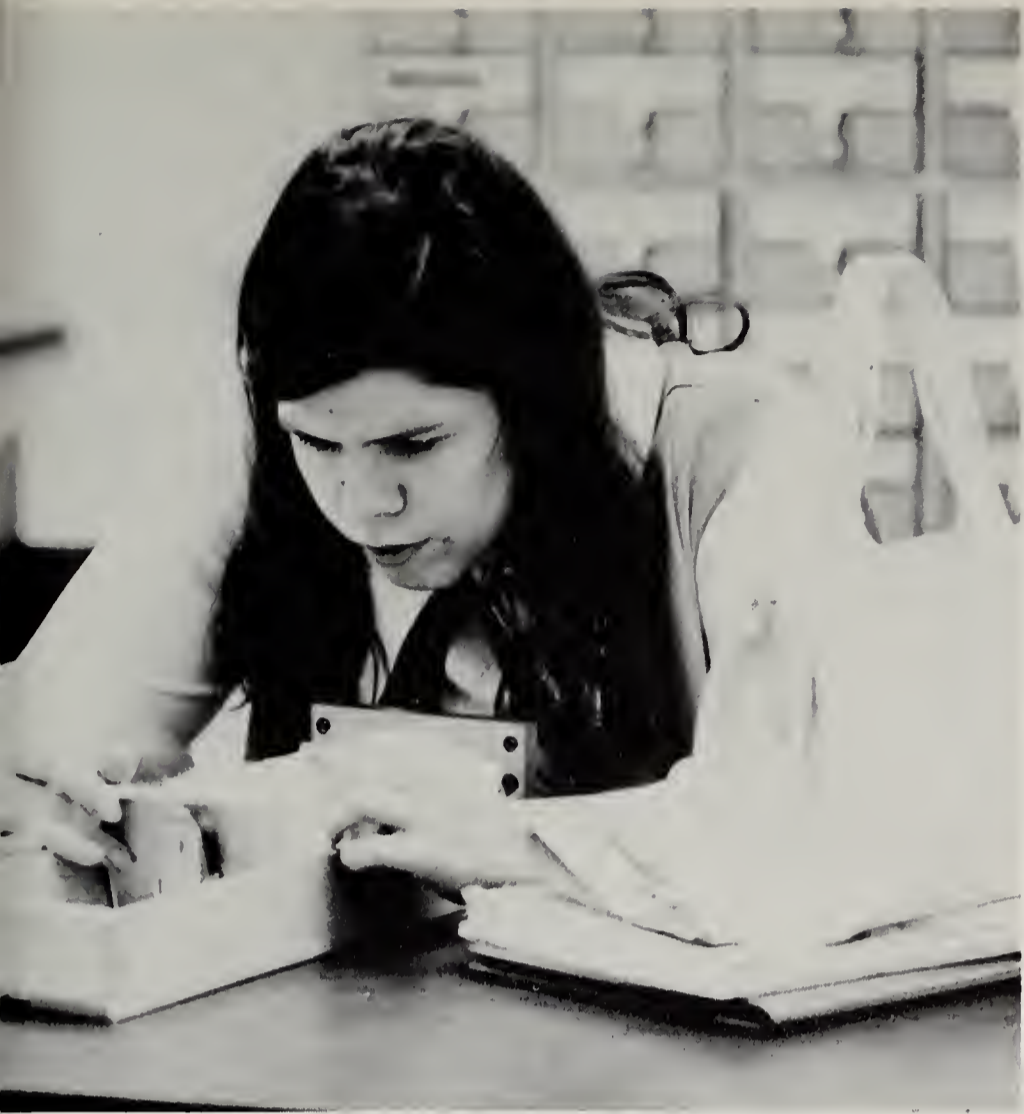
For the time being he was shooting away with a Polaroid ME-3 industrial view camera. It was not, said librarian Hudson, a "traditional library operation."

More traditional, perhaps, was the cataloging of books—but with a computer?

An on-line hookup to Columbus, Ohio linked UTA with a bibliographic data base of 1.5 million titles. Key the right numbers, Hudson said, and "in two days we have a full set of cards." UTA was the first school in North Texas to tie into the system.







Prime Study Time Spent in Library

FAR LEFT, LEFT: Library searches begin on the first floor with the card catalog. There, long Library of Congress numbers of appropriate titles are recorded for later use in the continuing quest through open stacks on upper floors. BELOW: A student uses the library's extensive reference section to begin a comprehensive literature search in chemistry.



Enrollment Increases Please Preiss



FAR RIGHT: The university's head count, and feet count, is up over other area universities. RIGHT: Elwood Preiss, dean of student administrative services. ABOVE: Norman Weaver, director of Data Processing, verifies enrollment facts.





Eighty per cent of entering freshmen were from the upper half of their high school graduating class. They came in at an impressive brain plane, too, based on test scores.

2,200 degrees were conferred in the 1972-73 academic year, an increase of more than 300 from the previous year.

The number of transfers-in was also on the upswing, and they were not arriving solely from junior colleges. Texas' senior institutions supplied a surprising share. UT Austin headed the list.

For the layman, such figures may be just figures. For Elwood Preiss, dean of student administrative services and assistant to the president, they were enough to make his day.

"What a lot of people maybe don't realize," he said, "is that we're getting a significant number

of senior college transfers. Outside the Dallas-Fort Worth junior college system, our largest group is from UT Austin, Texas Tech, North Texas and TCU.

Twist his arm and he will tell you more, about retention—the ability to keep a freshman until he diplomas—and UTA's narrowing the head count gap among the four undergraduate levels.

"Every student we admit has the potential for a degree." Preiss implied that a few years ago, with lower admission standards, that was not the case. And another thing:

"In 1964 there were 6,000 freshmen and 2,000 sophomores. Now, we aren't too far from having equal distribution—almost as many freshmen as seniors. It's healthy."

1964 sticks in Preiss' mind be-

cause that was the year he was hired as registrar. It was the year he started collecting *Reveilles* (has a complete set from 1960 on) and the year he became secretary of the Undergraduate Assembly (then the Faculty Council), the faculty governing group for undergraduate curricular affairs.

He moved from registrar to president's assistant under past president, Frank Harrison, and has been at it four years. He has been dean of student administrative services for three.

As president's assistant, he channeled the flow of materials in and out of 300 Davis Hall. He represented the president at various functions, handled committee reports for him and responses from him and coordinated the social doings of the office, like the annual president's reception for the faculty.

Preiss reads the president's mail and "flags," according to Nedderman, the "things that need immediate attention."

Preiss put on his other hat to oversee four offices—Student Administration, Counseling, Registrar and the newest, Veterans Affairs. He was especially proud of the last.

We've received a tremendous benefit from the recruitment and counseling of veterans. This office is operating on a one-year grant, though, and you never know from year to year—if we run out, we'll take another look at what funding is available.

"The Student Administration Office is really an arm of academic affairs," he further explained. "In addition to doing studies on student progress (absences, retentions, readmissions), it helps maintain academic requirements.

"The Counseling Office provides vocational, technical counseling."

Preiss' job keeps him busy. But for relaxation, he could always retire with a good book.

Wyatt: *'There's just something ridiculous*

Dr. James Wyatt was one administrator who could get the lead out.

Specifically, the lead was in 70,000 pencils which had to be sharpened for the fall teacher evaluation survey. One nice thing about being associate vice-president for academic affairs, when that many points need filing—you delegate it.

"There's just something ridiculous," says Wyatt, also a professor of foreign language, "about sharpening 70,000 pencils."

Distributing the survey to department chairmen, and getting them back, was Wyatt's main task in the fall in addition to year-round duties as teacher and academic affairs record-keeper.

He maintained punch card information on faculty rank and tenure, though he had nothing to do with tenure decisions. That job was for academic VP William Baker.

Grappling with that survey was no spring breeze either. Coordinated by Wyatt, 70 people boxed 70,000 computer cards, 70,000 questionnaires, those 70,000 pencils and 4,500 envelopes—and then waited for it all to come back in.

Most of it did, but some cards were rubber banded, paper clipped and written on. Any self-respecting computer would retch at such disregard for input, thereby scrambling tabulations.

Would Wyatt trade places with Dr. Baker? Not on your data bank.

"I don't put out fires," he said. "Thank heavens that's his (Baker's) job. His is a people job while mine is a thing job."

Handling all that printout—"things"—might make a person thirsty for human contact. Wyatt got his people kicks in the classroom.

"Teaching's my fun. To me, that's not work. It's what I most enjoy doing, but for only three years was I ever just a teacher and not something else at the same time."

He keeps landing these double jobs, like teaching and being chairman of the foreign language and linguistics department here for 12 years, and before that director of Latin American studies and Fulbright adviser and foreign students adviser at Louisiana State University.

Prior to the LSU stint was 2½

years in Brazil as a State Department assistant cultural attache and acting press attache.

Along the way he's acquired two Ph.Ds—one each from UT Austin and the University of Mexico—and a fascination for computers.

"I've always enjoyed tiddling with data," he said. "It's elusive, hard to pin down. It sounds crazy to like that sort of thing."

But Wyatt in his youth was a journalist and that could account for his current tastes. He was United Press International night manager in the San Diego bureau and then overall manager of the Monterey bureau. He turned up briefly in San Francisco during the first United Nations conference.

While in Monterey he moonlighted with the Monterey Peninsula Herald covering the local courts.

He recalled "this fellow named Self" who was arrested for DWI. Wyatt headlined: Judge Fines Self in Drunken Driving.

The young reporter thought this was not newspaper stuff. The judge thought it was tacky.

"The judge called the publisher and the publisher called me into his

about sharpening 70,000 pencils'



office and I was afraid he'd get me fired from my UPI job. He'd been watching me, because several weeks earlier there had been this man sentenced for stealing fender skirts . . ."

That time the head read: Man Convicted of Lifting Skirts. Both stories originated from the same court.

UPI eventually sent Wyatt to Mexico, where his freelancing habits carried over into shortwave broadcasts for the American Broadcasting Co. (\$50 a minute) and writing three-paragraph blurbs for Time, Newsweek and occasional trade publications.

"That was great. I could write a small something for Newsweek and then turn around and rewrite it for a trade magazine.

"It was," he said, "a racket."

Wyatt, basically a conservative man, ran out of journalistic steam in Mexico and now perhaps would contend that academics is more noble than courtroom copy with two-meaning titles.

Newspapering has its advantages, of course. There you only sharpen one pencil at a time.

The energy crisis darkened the employment picture for graduates, but all was not bleak.

"The job market will be tighter but there will still be a big demand for technical graduates," said Frank Yates, Placement office director. "Engineering, science, math and accounting will continue to be strong areas."

Liberal arts students with majors in history, government, English, sociology and psychology will have more difficulty, Yates said. Students in these areas should contact the office no later than the first semester of their senior year.

"Better yet, their junior year," he added.

A survey of 703 1973 graduates showed positive results. Questionnaires, handled through the Registrar's Office prior to graduation, revealed 54 per cent of the graduates requested placement service.

"Of the 323 students who did not request placement service, 170 already had jobs," said Yates, "and 103 were continuing their education."

The education profession, meanwhile, was another difficult area. Yates warned: "If you're going to be a teacher, you better be a good one." Approximately 170 education majors were employed this fall out of the 225 certified, according to the placement director.

Education and liberal arts majors should be aware they will need to plan an intensive job search and be willing to accept second or third choice jobs, he added.

It was also the office's second year to operate with a placement group of faculty members interested in helping students find jobs. The group provided a "direct line of communication," between the office and academic departments.

"At the time a student decides on his major," Yates said, "he



needs to have all available information at his disposal. He needs to know all the job possibilities and requirements while still a freshman."

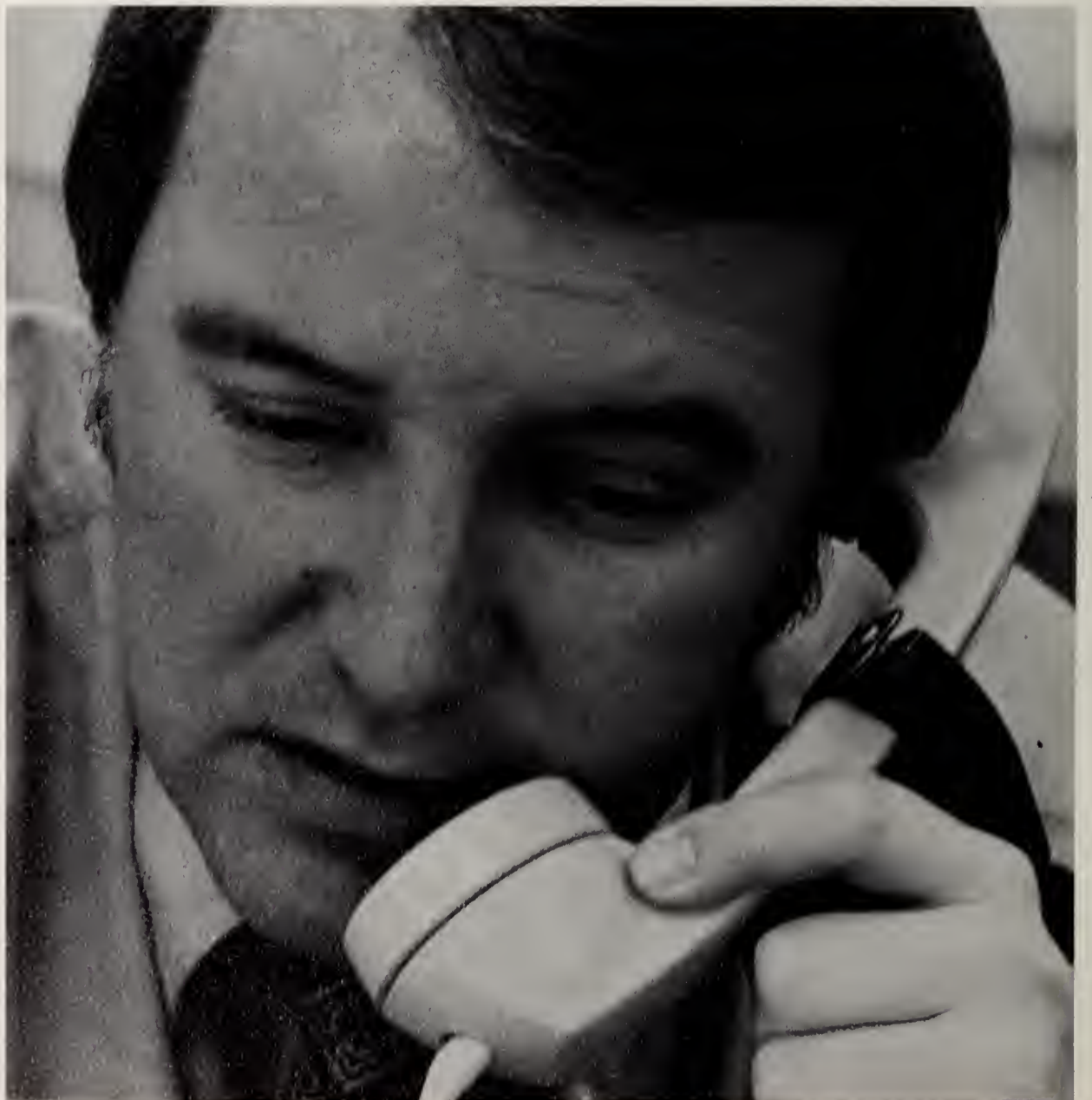
A seminar was held by company recruiters in the spring to inform students about job availability.

Placement Office

Yates Urges Students to Apply Early



LEFT: Frank Yates, Placement Office director, talks with campus recruiters about possible student employment. ABOVE: Yates counsels a student searching through the office's voluminous employment data housed in 216 Davis Hall.



UPPER RIGHT: Reby Cary. LOWER RIGHT: Kris Kirkpatrick. UPPER LEFT: Wayne Duke. RIGHT: Kent Gardner. ABOVE: Gary Foster.



Student Life

Many programs and activities outside the classroom were funded by the student activities fee which was administered through the Student Life office.

"We sponsor such programs," said Wayne Duke, dean of Student Life, "as Student Publications, the Student Activities Board, campus housing, Greeks and all other campus sponsored groups."

His office also worked closely with minorities and international students.

Assistant Dean of Student Life Wylvan Parker coordinated discipline and on-campus housing.

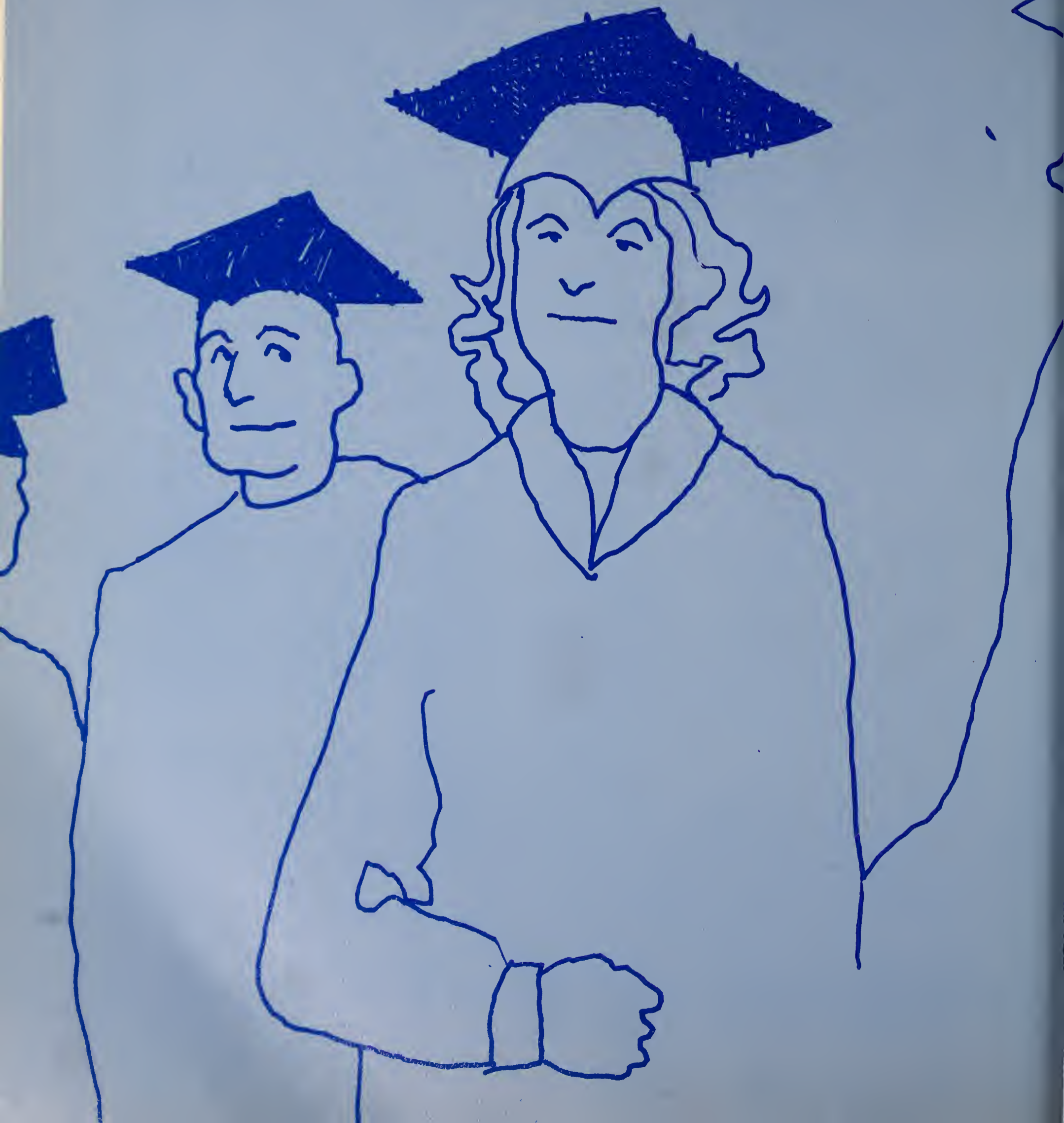
Kris Kirkpatrick, assistant dean of Student Life, worked with the Lipscomb Dorm staff, sponsored the Panhellenic Council and provided general counseling and aid to the Handicapped Students Association.

Working with all student organizations, Kent Gardner, associate dean of Student Life, sponsored the IFC and cheerleaders.

Reby Cary, recently elected to the Fort Worth school board, served as assistant dean of Student Life working mainly with campus minorities.

A new member of the Student Life staff, Gary Foster, was hired to coordinate student organizations.

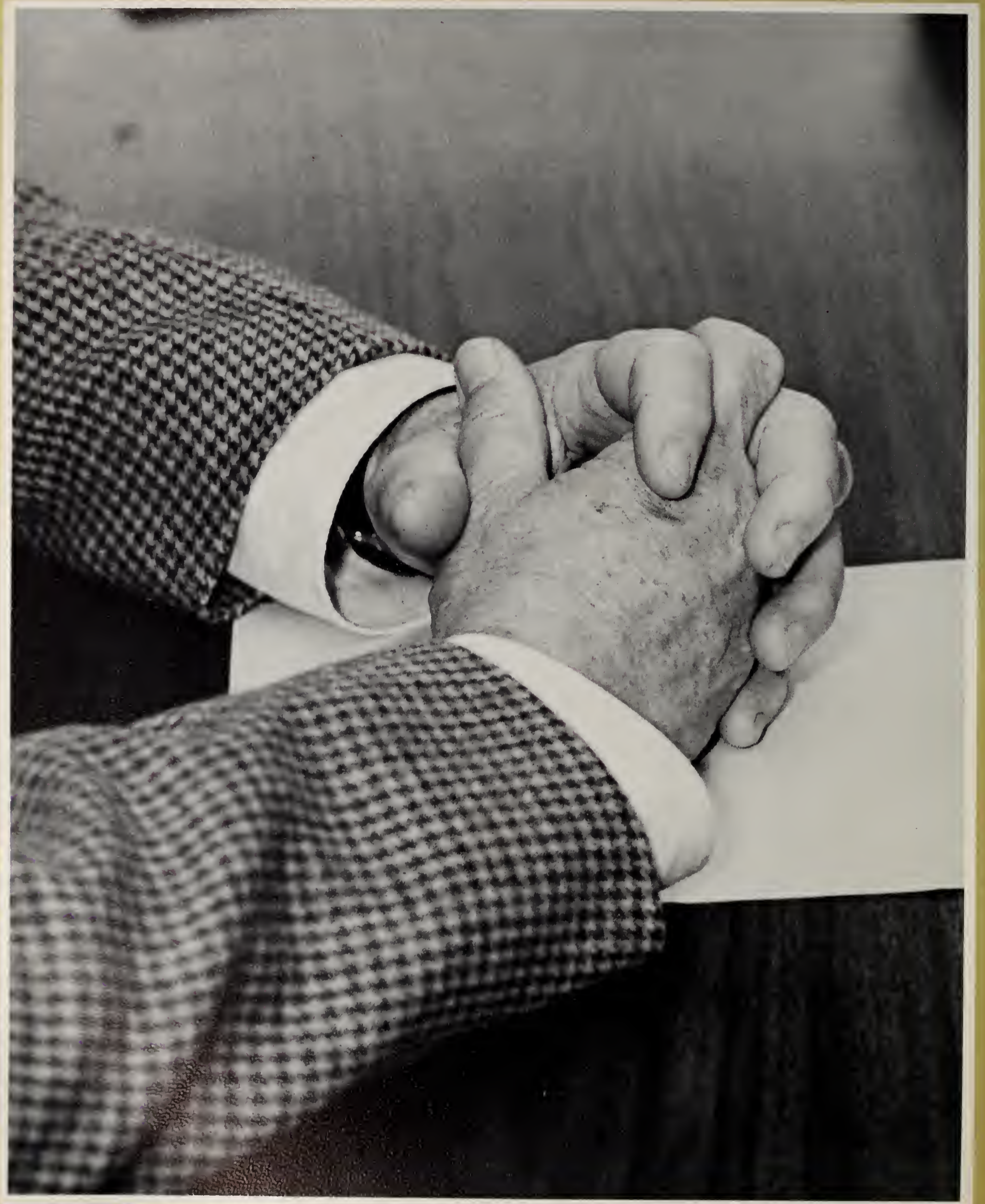


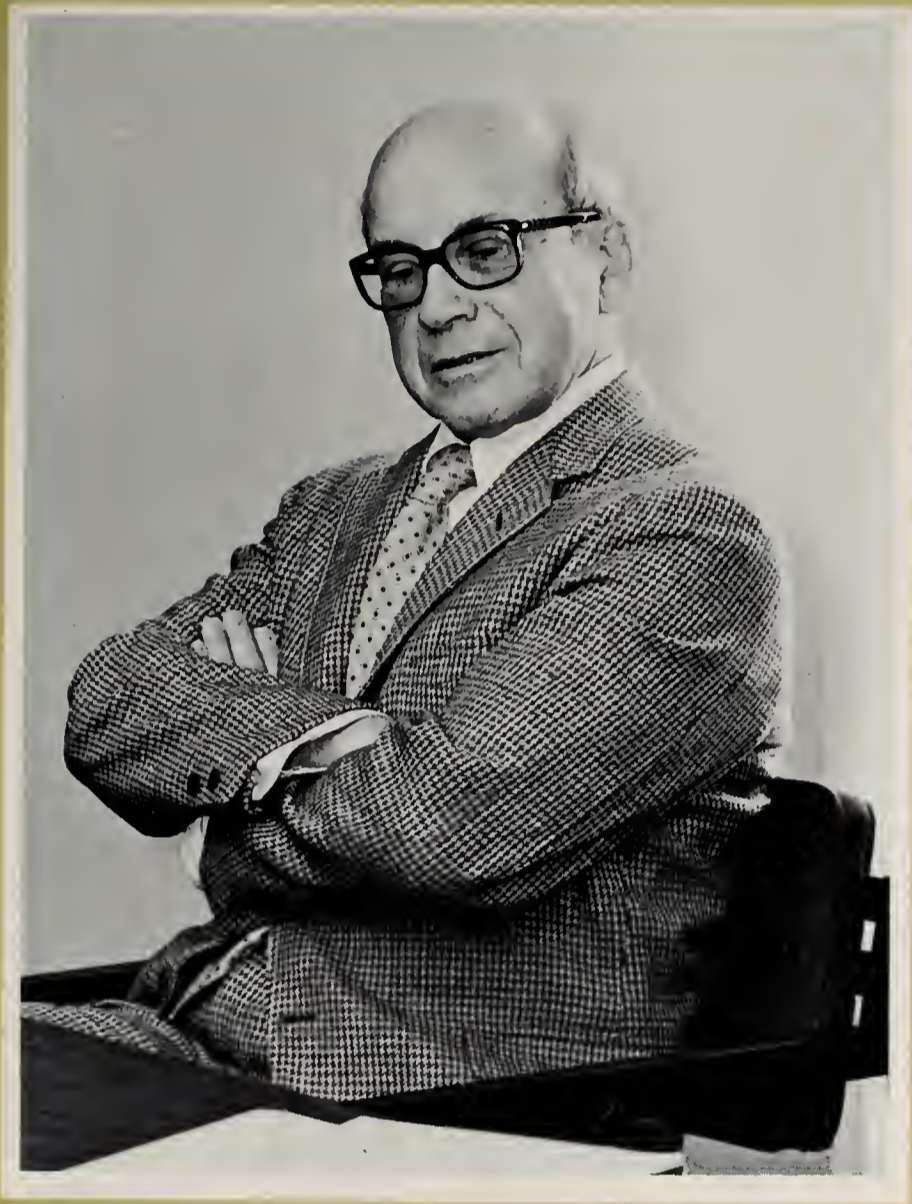


ALPHA OMEGA



FORUM: College of Liberal Arts





Charles Green, dean, College of Liberal Arts

REVEILLE: Is it necessary to publish in order to be an effective teacher?

LOWRY: No, I don't think so. While publishing does demonstrate organizational ability and the ability to research, verbalize and be well read in a given field, it in no way reflects the instructor's ability to guide and direct someone's learning experience. Teachers generally publish because they know it's expected of them. Nowadays you can get almost anything published if you submit it often and long enough.

REVEILLE: Dean Green, to what extent do you think publications are taken into consideration for promotions and the granting of tenure?

GREEN: This is my eighth year as dean and I would imagine that the preponderance of people promoted have been promoted for reasons other than publication.

REVEILLE: Would you elaborate on some of the ways

in which promotions come about?

GREEN: Well, the liberal arts college has twelve departments, with some 230 faculty members. The departments are so varied that I certainly would not wish to be a judge. To that end, we have faculty advisory committees. Part of their job is to make recommendations on promotion to the chairman, who forwards them to me and I in turn forward them to the vice-president and on to the president. Incidentally, we don't cut off anyone's views. The opinions of the advisory committee and the chairman are forwarded right to the top along with mine.

REVEILLE: Dr. Rodnitzky, what do you feel are the important characteristics of a good college instructor?

RODNITZKY: I think he ought to be doing both research and teaching and spend a good deal of time on both. At the survey level, I think you can do a good job of teaching without doing a great deal of research; but at the same time, I doubt whether you can do a very good job in advanced courses without being engaged in active research. I have a very suspicious view of someone who doesn't like his subject well enough to work at it. If he doesn't like or is not very enthusiastic about it, I don't see how he could be a very good teacher.

FERRIER: I think we have a rather unique situation in that we're such a rapidly changing, new kind of university and because we have only been a university for a short period of time. We have a tendency to look at other universities where publishing has been extremely important and the faculty has been required to make themselves well known or else.

As long as I've been associated with this university, which has been about six years, a lot of people have been concerned with the quality of teaching. At the same time, they have also shown a great deal of interest in the way that one makes himself active in his field, whether it be a semester of research, writing articles or some other professional activity. I think the kind of activity will vary considerably.

The overall activity of an instructor in his field should be taken into account as well as his teaching techniques and abilities. Insofar as techniques are concerned, we often try a lot of exotic methods to save students who might not ought to be here. I think a good student is one who is seeking information and we have to find ways to

'Knowledge is a . . . synthesis of data'

turn them on to it.

I think that as long as we keep an overall healthy attitude and awareness about all different aspects that are involved in the university: research, publications, teaching, professional activity, then we'll probably have a pretty effective institution.

REVEILLE: It seems that everyone is agreed that individual research and teaching effectiveness are both very important qualities of a good college instructor. While it may be quite simple to evaluate research, it seems a bit more difficult to measure the quality of teaching effectiveness. How does one go about it?

LOWRY: I think the best way to look and see if a teacher is doing a good job is to look at student achievement. I don't mean look at the A's, B's, C's and D's, but look at their graduates, see where they are placed.

The student opinion survey is a fine tool if that's all we have at present, but for some types of classes it is very inaccurate. In most classes of an unstructured sort, the validity of the survey breaks down. Reiterating, I think that instructors should state their objectives and then the results should be evaluated. I think that will do it.

FERRIER: Speaking in that same area, I kind of like the survey. I find that in any particular class in any given semester the data may not be too valuable, but over a period of time I can start looking at the averages and I'll find recurring low areas. That may be due to the nature of the course, the level of student or it might be something that I'm not doing very well, and that is where the benefit lies; but plugging that into the teaching evaluation, that's a difficult thing. I think it can only be a small part, it must be part of a multifaceted way of looking at and evaluating an instructor. I think we have yet to find some good suggestions on how to do that.

RODNITZKY: I think that one of the most valuable parts of the teaching survey is the comments which only the instructor sees. Okay, that's fine, but what they do at Harvard and other places is to have someone sit down and read five hundred of those comments and write out a capsule paragraph description about the strengths and weaknesses of that teacher that means more than all the 4.3's and 6.2's that you can find. To a lot of people, of course, this is very subjective.

But the problem with this is that what you want to find out is whether or not good students think you're a good teacher. If poor students think you're a good teacher because you're an easy grader or give lots of walks or are a good entertainer, that's one thing, which I suppose is not all bad. However, if good students think you're a good teacher and the rest think you're a poor teacher, then you're probably still doing something that's pretty effective.

GREEN: I had a friend at another college who wasn't a very good lecturer. He wasn't particularly charming, I don't think he ever conducted a dialogue, I'm not sure he cared what his students said. But we couldn't keep students out of his classes. The fact of the matter was that when a student asked him a question, he got a *real* answer, an authentic answer borne not out of a desire to charm or to hold hands but out of tremendous knowledge. Of course, as far as I'm concerned, knowledge is not memorized data; it is a vision which is, in fact, a synthesis of data.

I came from a department where my best teachers were tremendously learned men in the old-fashioned sense of that word. What I'm trying to do here is bend



ABOVE: Carla Lowry, physical education. RIGHT: Jerome Rodnitzky, history and philosophy.

over backward, as dean, to be democratic enough to make sure that all the voices are appropriately heard.

REVEILLE: Once an instructor is judged to be competent, regardless of the method of evaluation, and has been at the university a suitably long period of time, he is often granted tenure. The number of tenured faculty on this campus is fairly high and that can be a dangerous situation. How do you feel about the tenure system in general?

RODNITZKY: I think the tenure system is a good system. There are all kinds of faults with it, but like what everyone says about democracy, it may be poor but we have to find something better before we talk about replacing it.

The tenured faculty member doesn't have a fully protected job. Supposedly, if he is incompetent, for one reason or another, he may be removed. In fact, he's seldom removed except by the faculty, as people are seldom removed from the medical profession except by doctors or legal profession except by lawyers. No doubt there are many incompetent instructors about, but their colleagues from university to university and place to place don't take a hard look at their competence.

However, I cannot think of a better system. I think we're stuck with this one, at least for the time being.

GREEN: Someone said at a party in Dallas the other night rather aggressively, looking at me he said, "University faculty are the most self-protecting people in the

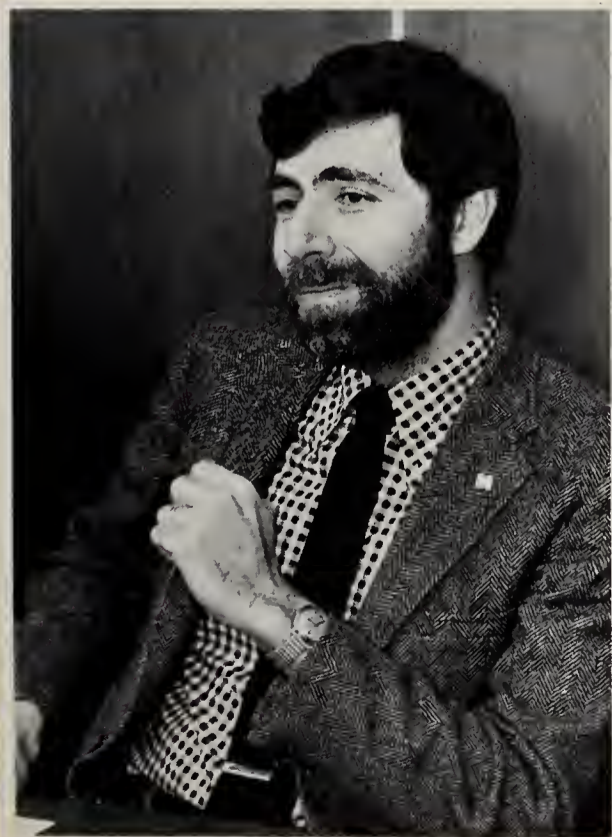
world," and the man across the table said, "Have you ever talked to the garment workers' union in New York?"

FERRIER: Look at the basis of that system as opposed to some others. The garment workers: why do they ban together? It's for monetary reasons, whereas the tenure system was originally set up to protect faculty members from inappropriate pressure so that they can openly participate with the administration in striving for a better educational institution.

There have been instances where it has protected incompetency and some things like that perhaps, but I think the reason for its existence is better than a lot of other systems that we have to compare it with. There are problems with it as there are with any system. I think we have to learn how to deal with those problems within that structure because of the high ideals and reasons upon which that system was established to begin with.

RODNITZKY: One pressing area of the tenure controversy is not all talk. What happens when enrollment drops? There may come a time when university faculty will have to depend upon procedural things, such as unions, and that will happen very, very quickly if they are treated like steelworkers. The university faculty should be viewed as a body of expertise, a group of intellectual experts who render a service to the public; and the public should support them even if production does go down (fewer students).

If this is not realized, then the only answer seems to





be mass economic strength: unions. I hate to see that happen, but it's possible.

GREEN: There is another angle to this thing, Jerry. Perhaps without cheapening our intellectual offerings we might find a way to fill human needs a little more successfully so that so many students don't run off to back-rubbing schools and one thing and another.

Even as an anarchic english teacher years ago, I felt that it was wrong to bring a young person into college who was gifted in quantitative things and flunk him out on english, history and government before he's had time to turn around.

In any case, there are many colleges around the country asking the question, on what basis should people be released when there is no longer enough enrollment to justify teachers. It's one of those really scary questions which besets the university.

The other day a man from one of the government agencies told me that they had let a number of people go at a Louisiana institution simply on the basis of tenure. They let the tenured people stay and got rid of the non-tenured; that was their answer.

RODNITZKY: Rather than take a pessimistic view, it would be better if the faculty and administration got together and tried to sell the public on the fact that you just don't sell off the faculty anymore than you sell off buildings when they are temporarily unoccupied. You just wait for the next upturn and find other uses for them as intellectual assets to the state. Now maybe the public won't buy that, but the faculty and the administration should try and sell it.

GREEN: I wish somebody would have thought of that some time back, because it looks like the horse is al-

'Teach and publish or perish'



LEFT: Charles Green, dean, College of Liberal Arts. ABOVE: Richard Ferrier, architecture.

ready out of the barn in too many places. I would like for all of us to be viewed as a special kind of intellectual resource worthy of preservation, but I wonder if it isn't too late to say more on that.

LOWRY: It can be a very threatening matter to the nontenured as well as prospective college teachers. The field is flooded. We're flooded with Ph.D.'s and we're flooded with university professors. I suppose with no job security for the non-tenured, fewer and fewer people will go into college teaching.

REVEILLE: A number of assistant professors have expressed to me a fear that they will be the first to go regardless of how hard they try to be capable, effective instructors. It's a problem that is going to have to be

faced soon.

Speaking of tenured faculty, is it possible to remove a faculty member by other than official methods? That is, can and in fact are subtle approaches often used to edge an undesirable person out of a department?

RODNITZKY: I think that happens at every university. I have been hearing people here complain that the powers that be, whether they be faculty, chairmen, deans or whatnots, simply do not like them, do not appreciate them, would like to see them out. Perhaps they have tenure and complain of harassment. In some cases I think they are harassed, because if you don't value someone highly you don't treat them very well. Often these people aren't given raises, they're not given valid assignments.

GREEN: Of course, such things can happen. As has been mentioned, no system is perfect. What I would hope is, knowing full well that no system is any better than the people who administer it, I would hope that we try to obtain the best possible people.

Echoing Jerry's statement, I think that the kind of system we have is the best we know of at the moment. I'm sure that human nature will always enter into the doings of organizations. I have never seen it held in abeyance yet.

FERRIER: The departmental advisory committees have been mentioned several times this afternoon. They have been instigated since I have been here, and they work amazingly well in keeping people within the department involved in departmental activities, which really vary a great deal and give everyone more than just one person, the departmental chairman, to go to discuss issues. Such discussions have more formality about them than just the talking that goes on constantly.

GREEN: Yes, these committees seemed to be doing an extremely fine job of furthering teaching effectiveness. As a closing comment, I might mention that I grabbed the vice-president on the way in here and I said, "Bill, what's the party line on teaching and publications?" He said, kidding, "Why don't we develop one called 'teach and publish or perish.'"

Architecture

"A decade ago there was a big wall between architecture and engineering. Now, with the complex problems of urban society, many disciplines are working together to solve them," said Dr. Ernest Buckley, adjunct professor of architecture and also a professional engineer.

Two research centers for Energy Systems Research and Public Transportation both operated out of the engineering departments but worked on inter-related projects with the architecture department.

"The Linear City—Rapid Transit as a Determinant of Urban Form," a study prepared by professors Michael Shelton and Jack Luby and chairman Harold Box, dealt with the creation of cities using mass transit.

Funded by the Urban Mass Transit Authority, the study includes a film presentation created by Assistant Professor Richard Ferrier.

Other film projects undertaken by Ferrier included film and learning packages for architecture students. Next year the department hopes to be able to produce and distribute the learning packages to colleges nation-wide through the Associated Collegiate School of Architecture.

In November a portable inflatable theater was set up at the Texas Society of Architects annual meeting in San Antonio. The theater, seating about 30 people, was used to show several of these films.

A library of books and paintings was donated to the department by Dallas architect George Dahl, designer of the campus library and Texas Hall.

The donation included 300 drawings of Harwood Smith, another prominent Dallas architect.

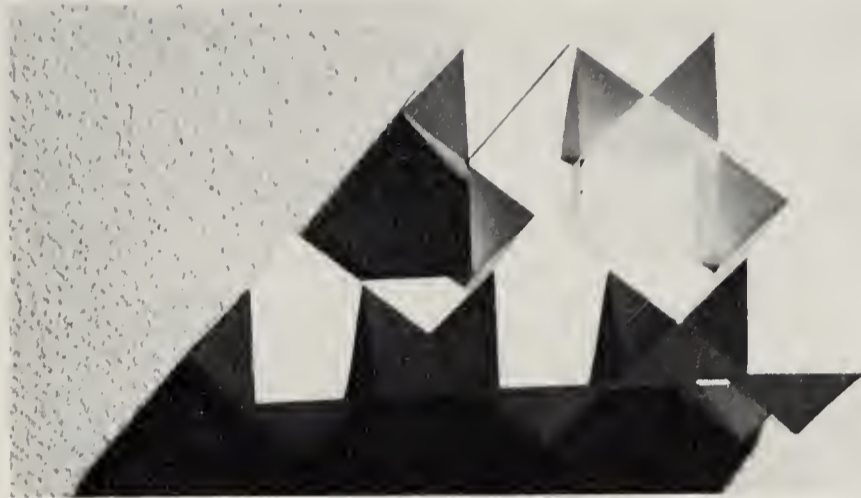


Research in fiber-reinforced concrete structures, headed by Buckley, was funded by the Owens Corning Fiberglass and Can-Tex Industries.

The two-year program, through the Construction Research Center, studied bond stress determinants, impact resistance and first crack determination through experimentation and theoretical development. These materials were tested at a quarry site in Midlothian.

"Architects have become interested in urban planning, which for many years, was a field studied only by engineers," said Buckley. "And they have made valuable contributions because they are perhaps more aware of aesthetics and people-related functions in design."





LEFT: Students in special design courses construct scale models to demonstrate basic architectural principles. LOWER LEFT: Utilizing many of the same tools as the artist, design sketching and drafting illustrates the art of architecture and employs a variety of skills. LOWER RIGHT: Swift Center's open classroom environment provides freedom for idea exchange.

chairman:
Harold Box
Ernest Buckley
George Shupée
George Wright
Anthony Antoniadis
Richard McBride
David McCandless, Jr.
Frank Moreland
William Odum
J. Daniel Spears
C. Lee Wright, Jr.
Khan Husain
Richard Ferrier
Jay Henry
Robert Mabry
Onny Smith
Peter Wood
Stanley Jackson, Jr.
Jack Roberts
William Austin
Wadman Daly
R. Todd Hamilton
Richard Scherr
Wolfgang Stubler





Art

What makes an object in a painting appear real or solid?

Finding the answer was the goal of assistant professor Dr. David E. Burton's special research project utilizing laser holography.

This process, a scientific concept recently indoctrinated into this

field, was introduced to students for the first time this spring.

Laser holography, photography done with laser light, results in a three dimensional image rather than flat, as in a photograph.

"For instance," said Dr. Burton, if you make a hologram of a ball, you can turn the plate and see the other side of the ball."

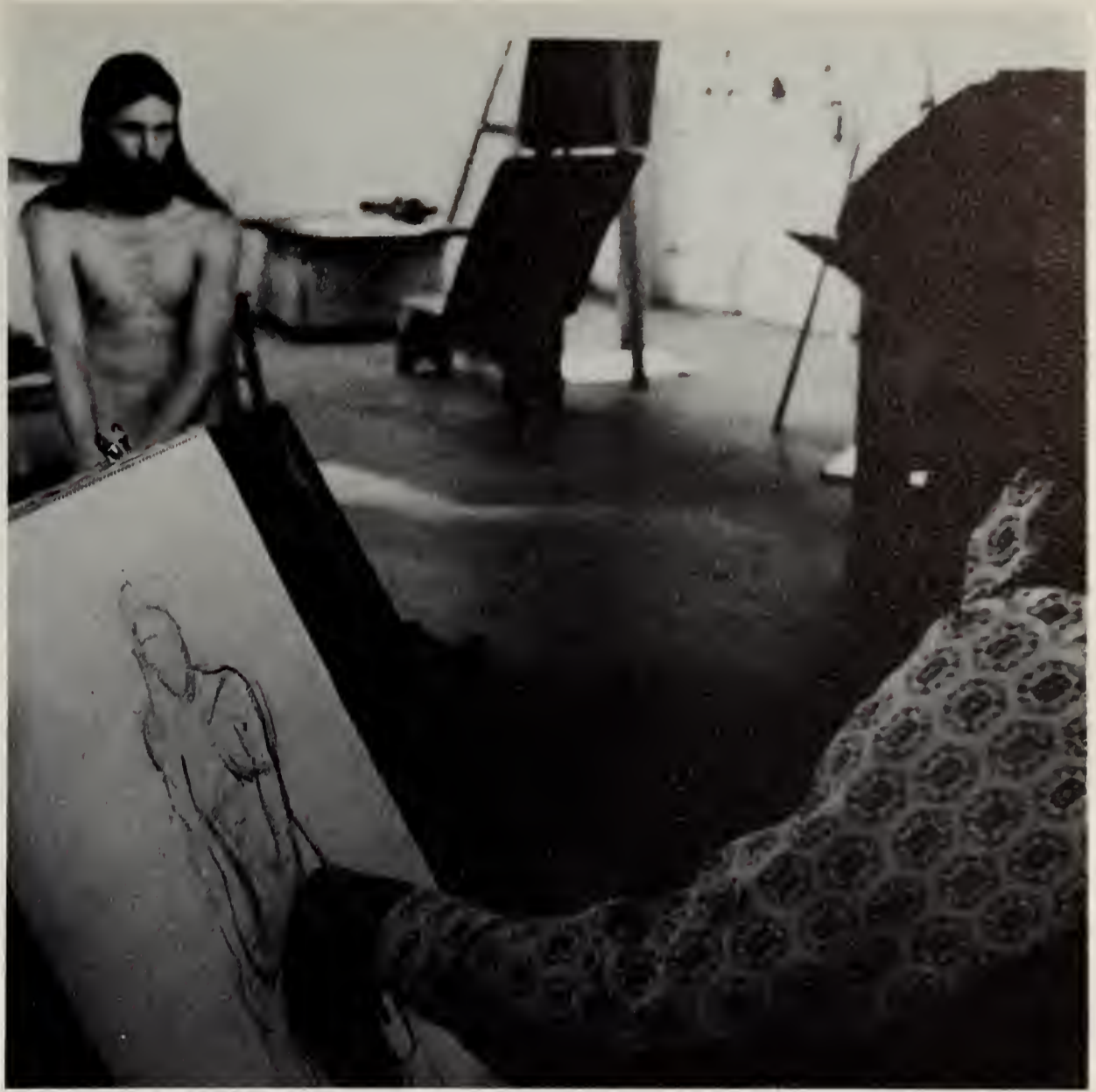
The ultimate goal of his project

was to learn what properties make an object in a painting look as if it's 'really there.' He hoped to find a way to construct holograms without first projecting an image.

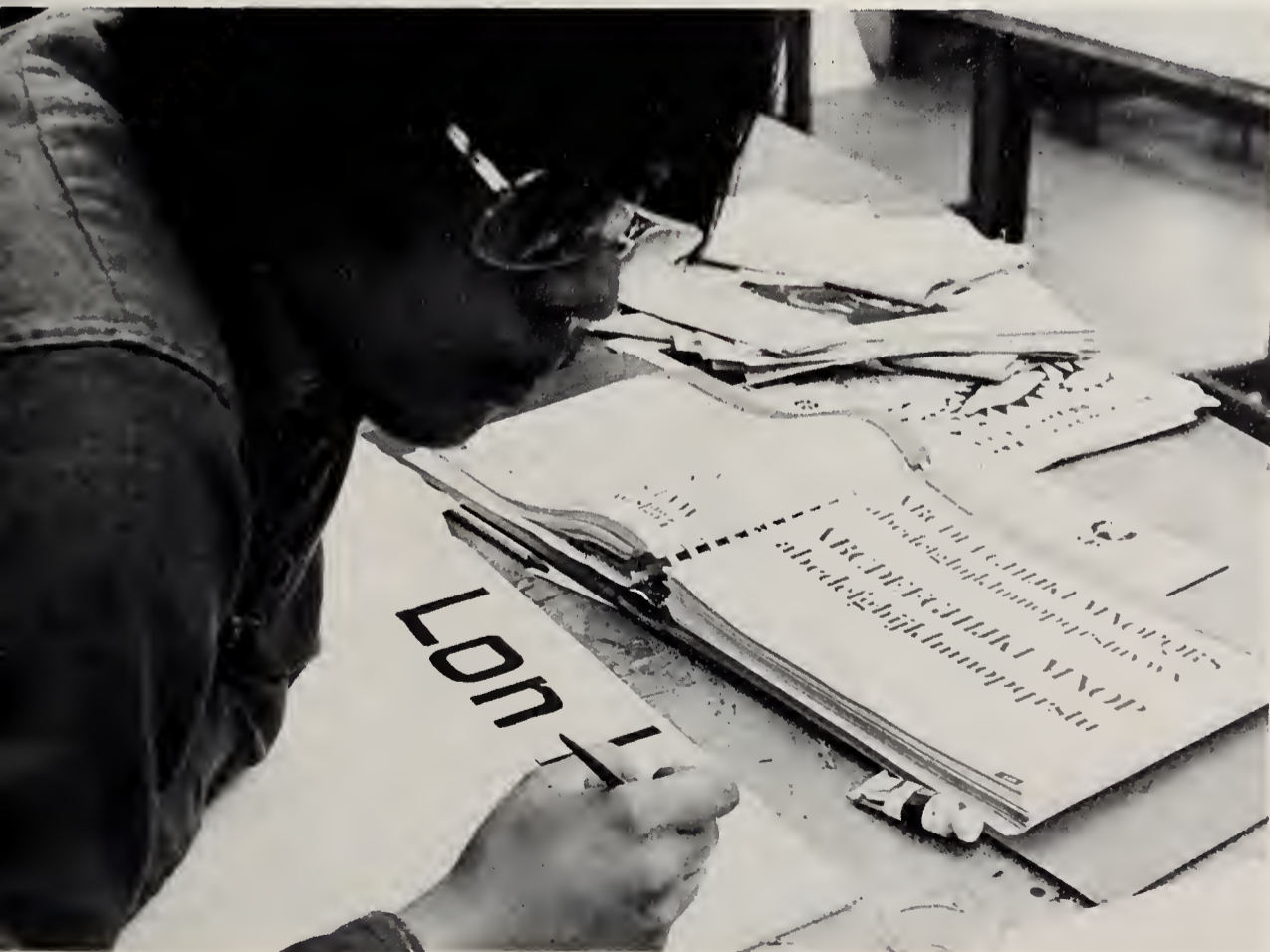
Another area of special study within the department was filmmaking as an art, a project conducted by instructor Louis Hock. He and his students, in conjunction with the Art Club, presented "Experi-

acting
 chairman:
 William Turner
 Roberta Betts
 David Merrill
 Rex Dyer
 Orton Hamby
 Mary Hodnett
 David Burton

Calvin Grigg
 Jim Henderson
 Stephen Rascoe
 William Stegall
 Louis Hock
 Jack Plummer
 Sandra Rubin
 Donald Sanders
 H. Judd Scott, Jr.



FAR LEFT: Mirrors are used in this exercise in Beginning Art 1346 to provide insight into the fundamentals of visual perception. LEFT: Transforming ideas into quality artwork and pleasing layout is an important goal in advertizing design. BELOW: Skills gained in lettering and typography courses enable students to accent good art with complementary type styles. ABOVE: To improve drawing ability, sketching classes use a variety of subjects, including male and female nudes.



mental Cinema," a series of films, some of them made in class.

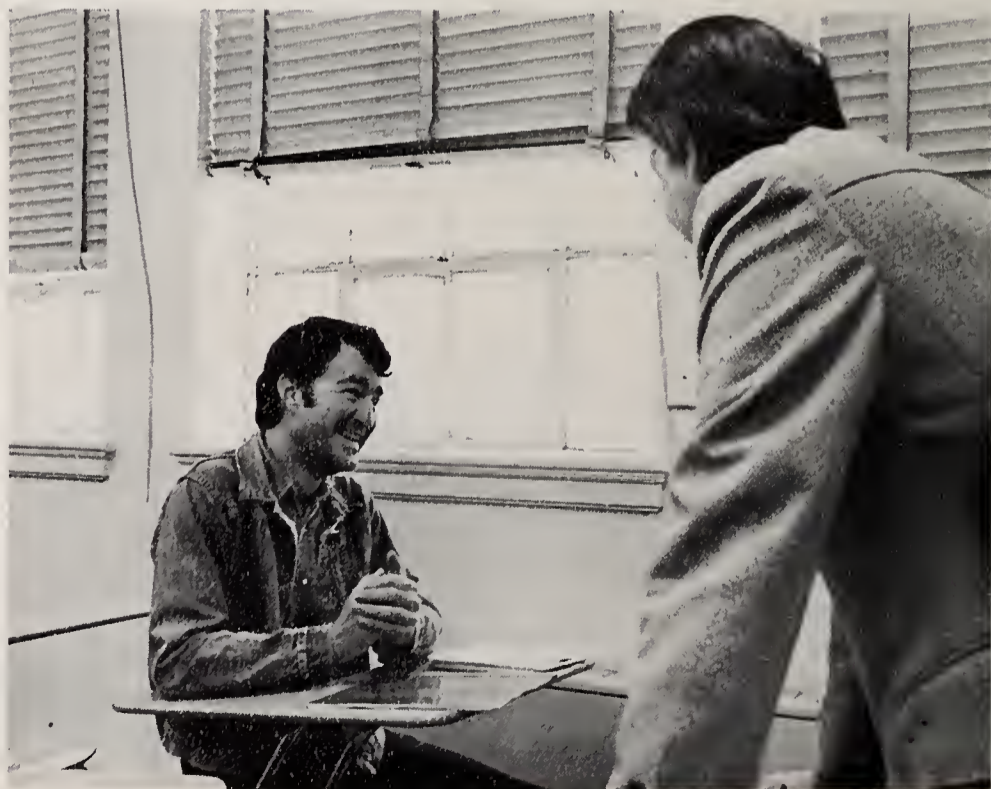
Wider recognition for the department came with the naming of Dr. David Merrill, professor, to the Amon G. Carter Endowed Chair of Art History. Dr. Merrill was chosen for his research, publication and development of that new area.

The art department, with about 500 majors, maintained a regular gallery schedule throughout the year.

Under the auspices of William E. Turner, chairman, works of both students and faculty were displayed. Paintings, photographs, sculptures, pottery and such intriguing arts forms as quilts were exhibited and offered for sale.



chairman:
Chapin Ross
Margaret Cameron
Nita Cox
Charles Proctor
David Groner
Carroll Hickey
Mary Lou Hoyle
Sondra Kaufman
Michael McBride
William Stone
B.L. Ware, Jr.
Glenn Dromgoole
Persis Forster
Don Smith
William Elkins
Roy Homric
Greg Jones



Communication

Expansion seems to be the word in the Department of Communication as the speech and drama departments looked to the opening of the Fine Arts Complex in September 1974.

The expansion also included new courses of study on the theory of communications.

Assistant Professor Mary Lou Hoyle was involved in teaching creative dramatics to students and area persons who work with young people.

The 6-week summer course utilized imaginative drama. In the course, Hoyle recognized the use of drama as a means of helping a

child overcome behavioral problems.

"It's really training for imagination," she said. "Once you get people to use their imagination it changes their whole lives."

Other new courses were added to the journalism department covering photo-journalism and projects in professional experience.

Students in journalism have relocated to the first floor of Preston Hall for class and lab work and have increased their facilities to include a new photography lab.



UPPER LEFT: Charles Procter, associate professor of communications, intently observes the action at a dress rehearsal of "The Three Cuckolds". LOWER LEFT: Bill Stone discusses the ethics of journalism with an interested student. ABOVE: Darkroom instruction and photography classes augment the journalists' skills.

acting
chairman:
Joyce Buckner
William Karraker
Norman Mohn
Mary Crow
Don Beach
Kathryn Hopkins
R. Jon Leffingwell
Eva Williams
H. Wayne Berg
Thomas Cuskey
Judy Reinhartz
Marjorie Mathews

Education



At one time or another you've experienced it—the phenomenon of "going blank" before or during an exam, oftentimes after hours of preparation.

Dr. Jon Leffingwell, licensed psychologist teaching in the education department, researched the magnitude of test anxiety among college students. His results indicated the

existence of more anxiety on campus than is currently being dealt with.

"This anxiety was manifested in cold sweats, palsy, muscle contractions and some rather drastic dietary changes," he said. "Some were unable to sleep; others slept 12 hours a day."

"I would estimate five to seven per cent of all students suffer from the same anxieties."

In his studies, Dr. Leffingwell expanded on the process of "systematic desensitization." One principle behind this concept is that performance anxieties are learned and can be subsequently unlearned. Experiments supporting this idea involved dividing students into two groups, one receiving the desensitization, the other not. A test is then administered to both groups.

The results showed the experimental group scored higher than did the control group.

Another aspect of Leffingwell's research demonstrated that students who learned to reduce test anxiety also reduced their anxiety regarding interpersonal relationships.

He noted that the reduction of test anxieties is but one technique of the desensitization process. Stage fright and speech anxiety which causes stuttering can also be treated satisfactorily.

The education department was not a degree-granting department and therefore had no majors. It did, however, certify 250 students to teach in secondary schools. The department also maintained its two-year transferral program for elementary education majors.



LEFT: A PE major teaches motor skills to students during her teaching demonstration in educational psychology. ABOVE: Mary Crow, associate professor of education.

English

Special topics, self-paced and contractual classes in freshman English offered by the English department were termed 'very successful' by the department chairman, Dr. Emory Estes. After a semester of composition, freshmen could choose among the traditional classes and topics in women's literature, love and hate, landscape of nightmares, and about and by Indians.

Sophomores had a choice of 12 classes in American and English literature and upper level courses emphasized poetry and prose in creative writing.

These and other changes made in the English department were part of an effort to innovate and revise curriculum because of a drop in enrollment during the year.

Under the new teacher certification degree plan, students were able to earn credits for a first and second teaching field.

A student advisory committee to the chairman of the department was established to give the students an opportunity to give their opinions on curriculum and other such matters. 'It's been a great success so far,' said Estes. 'I have learned a lot from the students.'

The department also furnishes a counseling office for English majors

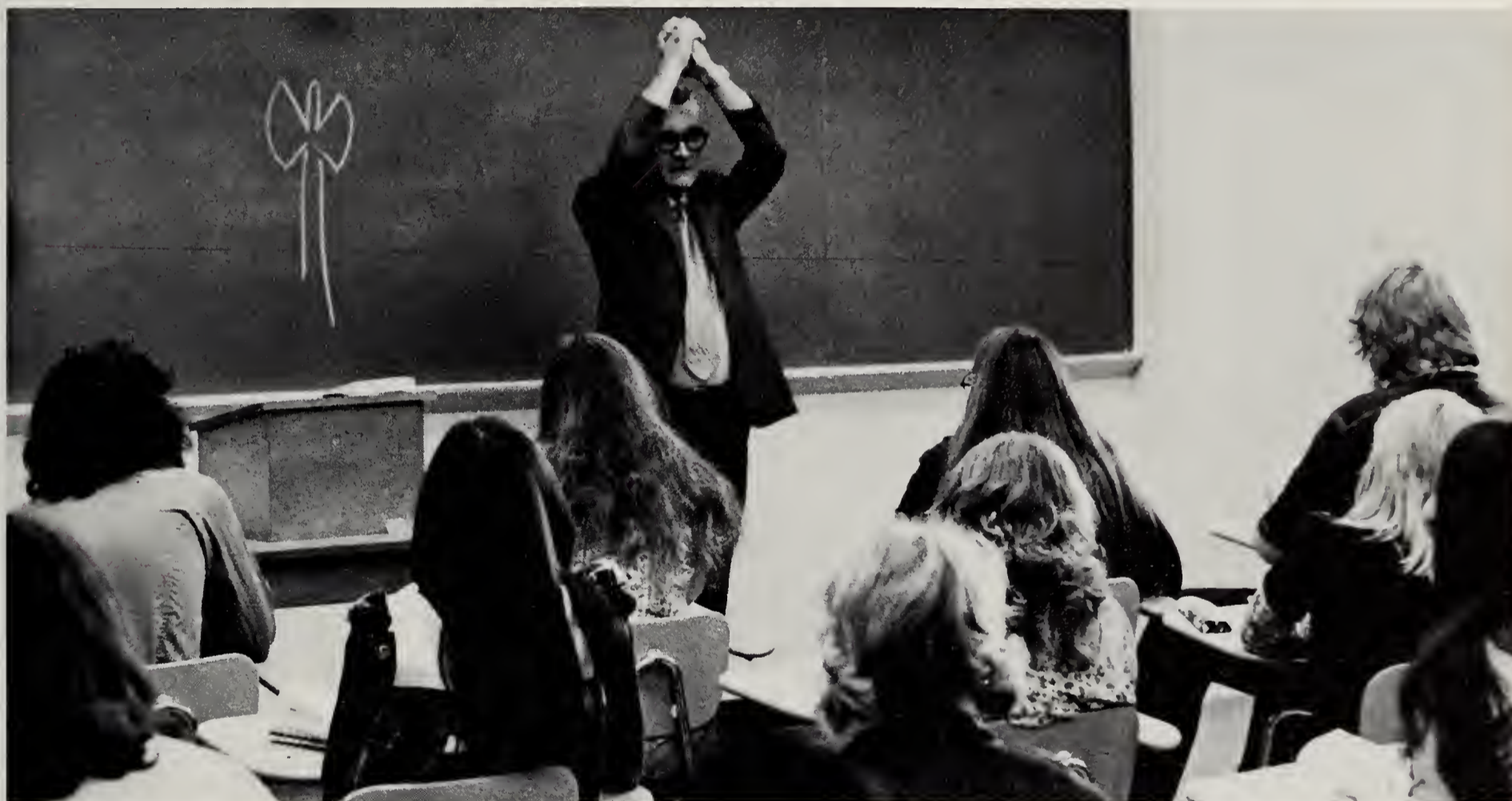


and minors which includes job placement problems.

Two major publications are published regularly by the English department. "American Literary Realism", in its eighth year of publication, has an international reputation as it is included in all libraries in the U. S. and Western Europe.

"World Literature Written in English" is a quarterly edited by Dr. Robert McDowell, professor of English. "The Modern Language Association created special sections of symposiums at its national meetings around WLWE," boasted Estes.

chairman:	James Haffett
Emory Estes	William Richardson
Clayton Eichelberger	Billi Rogers
George Fartenberry	Ernestine Sewell
Stanton Garner	Tom Sutherland
A.V. Gayne	Dan Swadley
Charles Green	Simone Turbeville
Corinne Kauffman	Richard Zacha
Lyle Kendall	Jeanetta Boswell
Robert Littlefield	Jeanne Fard
Robert McDowell	Ailsey Farester
Duncan Robinson	Luanne Frank
Steve Turner	Isabelle French
Anne Whaling	Joyce McGawan
Harry Beaudry	Nael Polk
Paul Blakney	Nancy Reed
Jahn Burns	Kenneth Roemer
Maurice Carlsan	Thomas Ryan
Gertrude Galladay	Bobbie Simms
Harry Hanks	Carolyn Smith
Marguerite Haltan	Thomas Moore
Dallas Lacy	John Lewis



FAR UPPER LEFT: English graduate student uses departmental collator to detect textual discrepancies. UPPER LEFT: George Fortenberry sets up collator to compare original text and copies to insure accurate duplication. UPPER RIGHT: Recordings are made of stu-

dent presentations to allow effective appraisals of communication skills. ABOVE: English professor demonstrates proper use of battle-axe.

Foreign Languages, Linguistics

With 350 majors this year, the foreign languages and linguistics department was by no means the largest at UTA, but it was certainly one of the most innovative.

Intensive courses in all languages but Latin enabled students to fulfill their foreign language requirement in one semester by meeting four class hours each day.

"Intensive courses such as these accomplish more than meeting only three times weekly for four semesters," said Virgil Poulter, department chairman. "There is an element of practice and retention involved here that may not apply in other subjects."

Fall courses taught under the intensive structure were French and

Russian. Spanish and German were completed in the Spring semester and Russian and Portuguese in the summer.

Also new to the department was Hungarian at the senior level, though the course name, Non-western Language, may have been misleading.

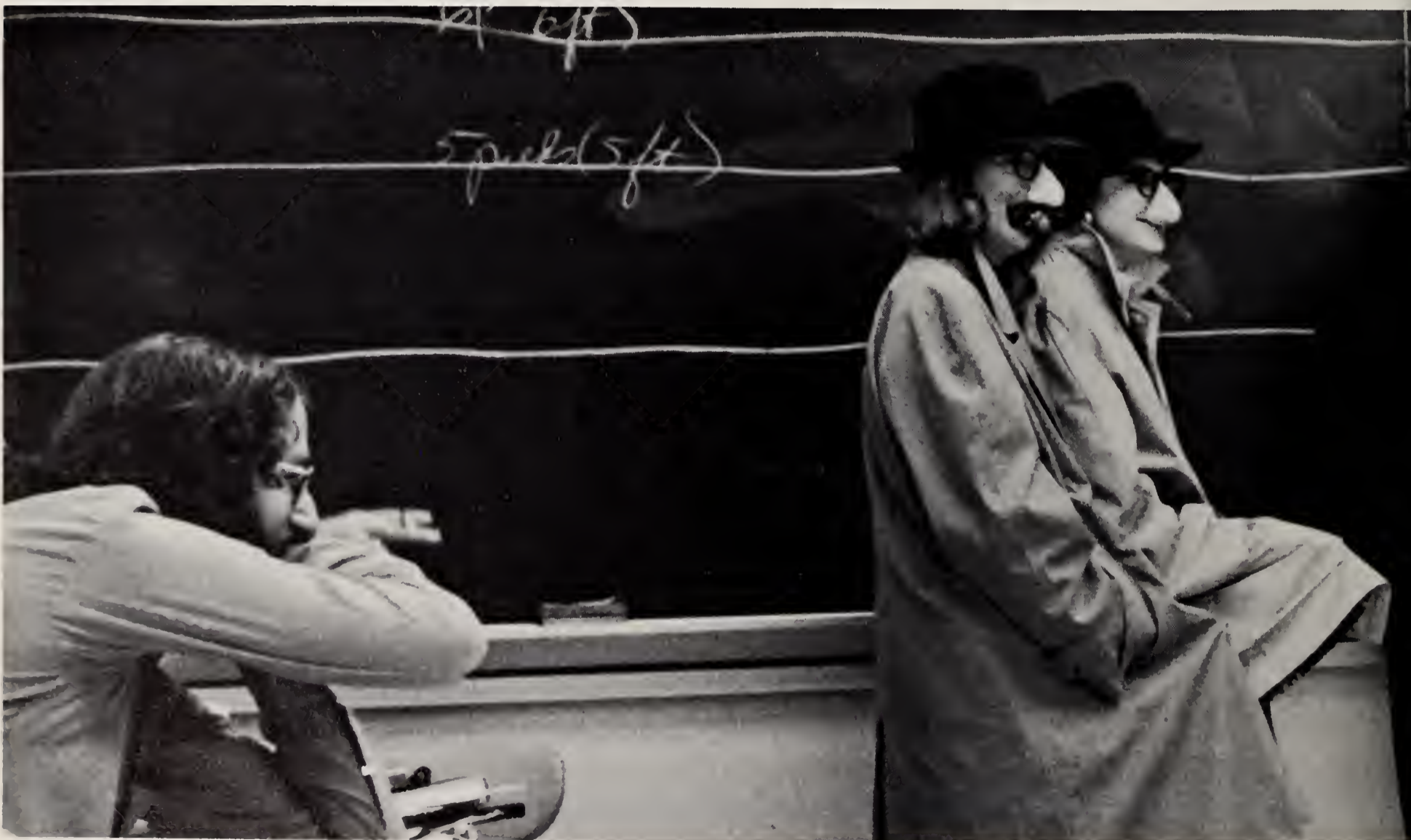
"It won't always be Hungarian, however," said Poulter. "Next year it may be Japanese or some other non-Romance language."

Another first for the department was the special summer master's program for public school teachers. Courses in the program were linguistically oriented with emphasis on teaching foreign phonetics and literature.

Two adjunct professors added to the department's prestige. Dr. Sarah Gudschinsky, internationally known literacy expert, and Dr. Robert Longacre, noted authority on Mexican-Indian and South American languages, were part-time members of the faculty.

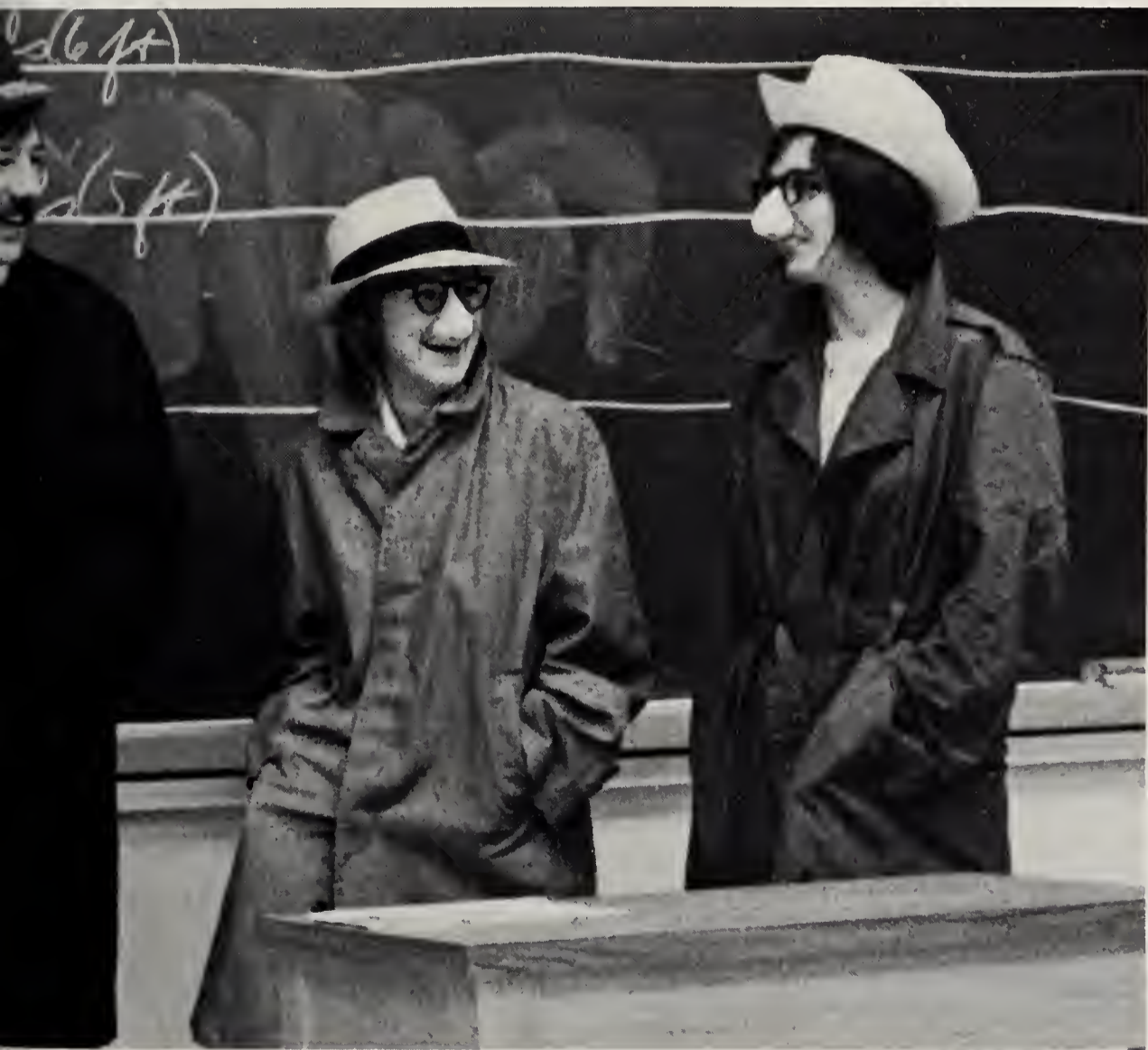
Both were connected with the International Linguistic Center in Duncanville. The "adjunct professor tag," Poulter said, comes from the fact they joined the faculty for the year while retaining their association with the Linguistics Center.

The department also sponsored the German Novemberfest and Springfest and provided opportunities for travel, such as the annual summer study in the Soviet Union.





BELOW: Though languages are not usually mastered in academic courses, students wishing to learn to speak a foreign language find serious study helpful in preparing to visit or live in another country.



ABOVE LEFT: Dr. Sarah Gudschinsky, adjunct professor, teaches from professional experience to stimulate interest in her linguistics courses. ABOVE: During the six hours spent in class each day, intensive French students accent routine memorization with skits, costumes and French words.

- | | |
|-------------------|-------------------------|
| acting | Edward Cowan |
| chairman: | Ted Frank |
| Virgil Poulter | Corolyn Galerstein |
| Duane Adams | Minetta Goyme |
| Denes Monastary | Duane Keilstrup |
| John Stuart | Weldon Litsey |
| James Wyatt | Carlos Nogueira-Martins |
| Sarah Gudschinsky | Jack Polangian |
| Robert Langocre | Rimma Palangian |
| Bertie Acker | Fred Vino |
| Anne Gibson | Norman Whitlock |
| Alvin Jett, Jr. | Dolores Williams |
| Charles McDowell | James Wilmeth |
| Alan Steinecke | Maria Capote |
| Hanna Ulatowska | Sandra Prihodo |



Government

In one new course and out the other: Governmental approaches to the environment this year were discussed by students enrolled in Government and Environmental Protection.

Introduction to Politics, open to freshmen only, will not be offered next year. The course dealt with topical and controversial issues.

On other fronts, Dr. Wayne Odom, associate professor, and Dr. Irving Dawson, professor, completed research for the Texas Constitutional Revision Committee.

Dawson, in addition, was selected one of 10 outstanding political scientists in the U.S. for fellowship by the National Association of Schools of Public Administration. He worked with the U.S. Civil Service Commission in Washington, D.C. and was a teacher in the National Executive Institute in Charlottesville, Va. (University of Virginia).

Associate Professor J.S. Moon researched the role of the military in political development, trying to find out if politics and the scope and degree of public social services are related.

Also, state and local political leaders and representatives from the federal government visited the campus and spoke on relevant topics.

Chairman Sam Hamlett said the government department played a significant role in the Southwest Social Science Convention in Dallas.

"For the past five years," he said, "we have provided the chairman for the convention, Dr. Allen Saxe."

During Homecoming, government students and faculty displayed political buttons going back as far as President McKinley and campaign literature from a 1932 national convention.

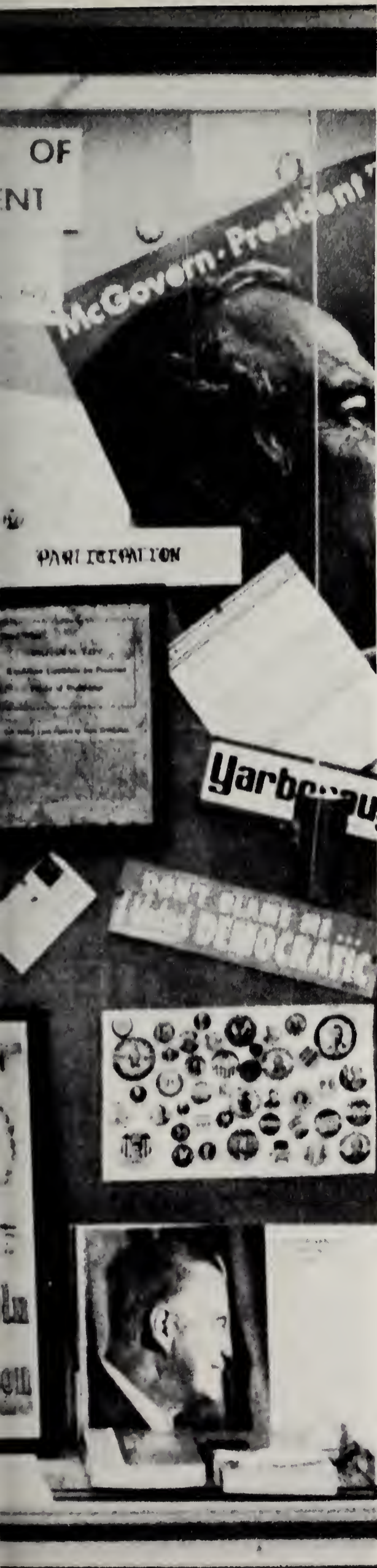


chairman:
Samuel Hamlett
Luther Hagard, Jr.
Hubert Matthias
Edward Richards
Jhang Moon
Luther Odom
Allan Saxe
Ivan Taborsky

Charles Van Cleve
Stephen Daigle
Suzanne Katsikas
Hunter Schmidt, Jr.
Denis Thampson
James Clark
Gary Dworkin
Irving Dawson



LEFT: Display reflects politics of past and present in buttons, posters and other memorabilia. ABOVE: Government lectures elicit a variety of student responses.





chairman:

Richard Miller
Robert Amsler
Martin Hall
Homer Kerr
Howard Lackman
C.D. Richards
Van Mitchell Smith
George Wolfskill
Edward Bock
Edward Chester
George Green
Wendell Knox
Bede Lackner
Sandra Myres
Kenneth Philip
Glen Rodgers
Jerome Rodnitzky
Arthur Tucker
Robert Williamson
Bruce Ambacher
Gustave Anguizola
Reby Cary
David De Boe
Paul Maginnis
Francez Mitchell
Robert Oaks
Stanley Palmer
Audra Prewitt
Dennis Reinhartz
Larry Sall
Elliott West
Leon Blair

LOWER RIGHT: Student discussion is very important in subjects which deal with man and humanity. UPPER RIGHT: Dr. Jerome Rodnitzky discusses woman's role in society in History of the American Woman 3300. ABOVE: Reby Cary teaches one of the many courses offered which reflect the impact of minorities on the history of the United States.



History, Philosophy

If there were any male chauvinists on the faculty of the History and Philosophy department, Dr. Jerome Rodnitzky was not among them.

Rodnitzky introduced History of the American Woman in the first such course to be taught in the Dallas-Fort Worth area—by a man.

He noted the course was not “an arm of the Women’s liberation movement, but all women’s study courses are tied to the movement, because if there had been no movement, no one would have thought to ask the questions.”

Although his course considered both individual women and the achievements of women as a group, the latter was emphasized.

While Rodnitzky dealt with woman’s place in history, Dr. Sandra L. Myres worked with library head John Hudson on microfilming a large section of the state and ecclesiastical archives in the Mexican state of Yucatan.

When completed, the microfilm collection will be housed on campus and promises to be one of the principle collections utilized in the study of southern Mexican history.

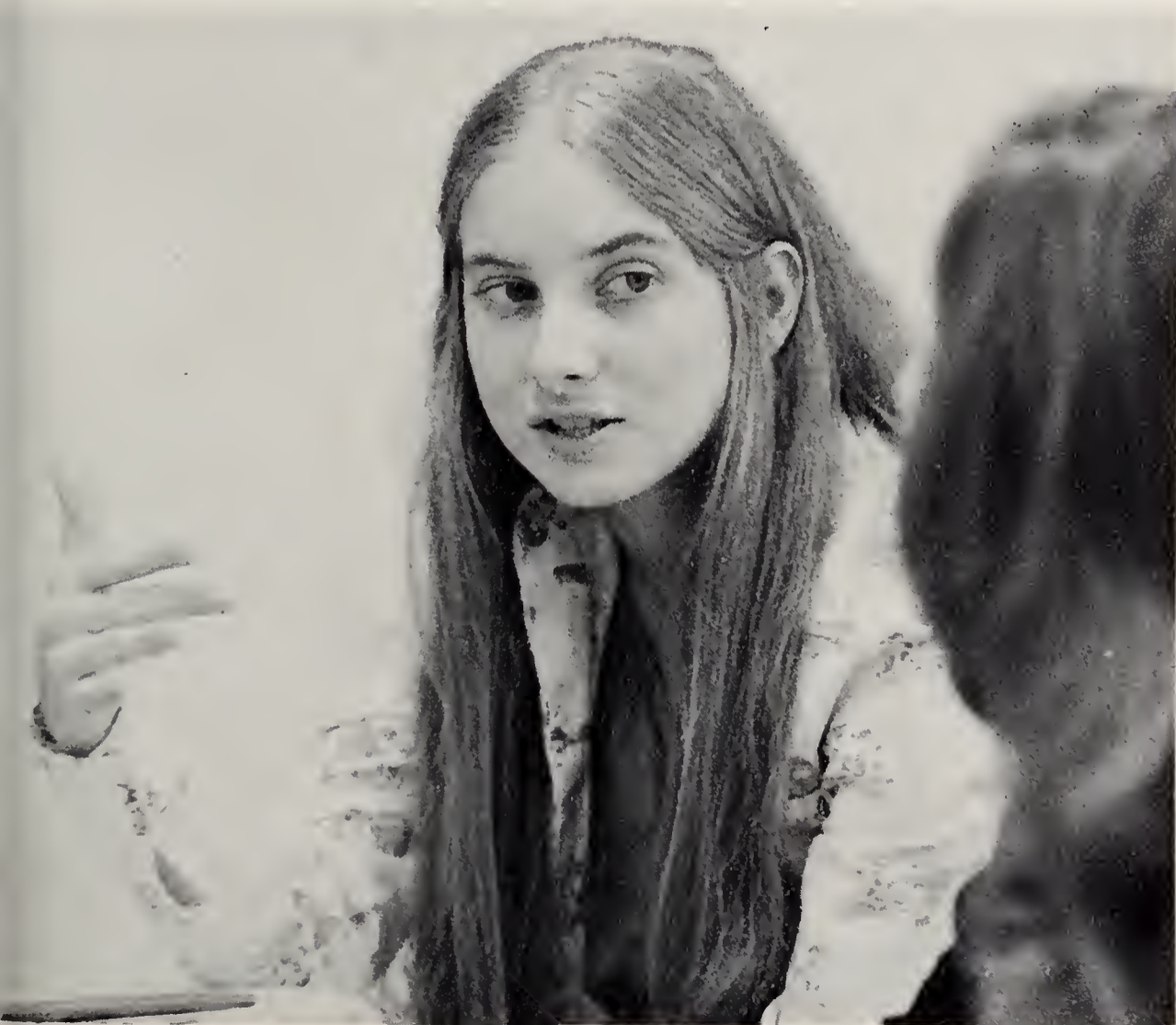
On the research beat, Dr. Elliot West studied frontier social history and the role played by the saloon and its owner in the social, political and economic life of the West.

West conducted his work relying on newspapers, diaries, census data and travel accounts. He even wrote an article using work he did in Arizona as a case study. He emphasized, however, that the time he spent in various saloons was “for research only, of course.”

The “Democratic Era” (1933-1952) posed several questions for Dr. George Wolfskill, who in his latest study researched the New Deal and the ways it specifically affected the South.

Another research study, done by Dr. Robert Oaks, has led to several published articles dealing with Philadelphia at the time of the American Revolution. In addition to using computers to aid his research, Oaks spent last summer in England delving into the past.

The 37 faculty members, under the leadership of chairman Dr. Richard Miller, sought new twists in history and philosophy to attract new students and increase the relevancy of the department’s efforts.



Military Science



UPPER RIGHT: Classroom study complements military field exercises. UPPER CENTER: Exercises to sharpen field skills are part of the curriculum. UPPER LEFT: ROTC information is displayed during Open House. ABOVE: Captain Reed leads a classroom discussion. RIGHT: Insurgent skills require continuous practice to maintain proficiency.





chairman:	Roy Burdette
LTC Sands Weems	David Ross
Homer Boxley	John Morrow
Henly Reed, Jr.	Tommy Pittmon



The military science department continued as one of the most influential departments in obtaining recognition for UTA this year.

In a shooting match during January, the rifle team placed first. At the University of Houston matches in November and December the team rated third. The squad also took part in the Florida Institute of Technology postal match and gained third place.

"A postal match is one in which the targets are graded by the host school and mailed back to the participants," said Capt. Homer Baxley, assistant professor of military science.

Other events focusing attention on UTA included the Annual Summer Drill Clinic, the Fall Invitational College-High School Rifle Match and the Spring Invitational High School Rifle Match.

According to Baxley, these events, with approximately 50 participating teams, are the largest contests of their kind in this region of the United States.

Although the energy crisis hampered activities and even prohibited UTA teams from participating in some matches, all military science organizations made trips similar to those taken by the rifle team.

The drill team journeyed to Washington, D.C. for national drill competition in April. Earlier the team participated in the Tyler Rose Festival and another competitive match in Odessa.

The insurgent team made several trips to the Decatur grasslands in November and December. "This group focuses on small unit tactics," Baxley said.

Groups and organizations were by no means the only products of the military science department. Military science students spent a number of hours per week in the classroom learning theory.

Incoming freshmen undergo in-

struction geared to an orientation of the army, history of ROTC and its customs and traditions. According to Capt. Henley E. Reed, that takes up one third of the semester. The remaining two thirds is devoted to rifle marksmanship.

During the spring, freshmen enroll in military science 1142. "In this course," Reed said, "emphasis is on leadership. This is a management course in people and organization of time and one's own assets."

The sophomore year is devoted to topographic map reading and unit tactics. In addition, a military history from the American Revolution through the Vietnamese War is offered through the history department.

Leadership courses taught in the junior year are directed more specifically to methods of instruction in the military. In the spring semester, the various branches of the army are introduced.

Senior military science focuses on advancements in field and combat operations. Also incorporated into the senior year are military law and justice and studies of underdeveloped nations.

Within the department itself, chief instructor Roy B. Burdette was promoted to Sergeant Major this year, the highest enlisted rank in the U.S. Army.

The department also has its own student newspaper. "The Grenadier," according to Baxley, "is published weekly by and for the cadets. It is used by cadet commanders, the department, and ROTC organizations for intra-departmental news and announcements."

Five officers and five noncommissioned officers staffed the military science department. Six of those taught classes while the other four non-commissioned officers served as administrators.

Music

LOWER RIGHT: A Capella choir, open to any interested student, provides entertainment for the campus community in addition to serving as a "voice" laboratory. UPPER RIGHT: Singing proficiency is rarely a natural talent; students spend time in class practicing vocal expression and theory. LOWER LEFT: Guitar playing is only one of several areas which are taught in both private and classroom situations. UPPER LEFT: Gary Ebensberger directs the A Capella choir in one of its several performances.



The music department nearly became a "home away from home" for 150 majors and scores of students enrolled in music courses.

Opportunities for student fellowship were provided by the Marching, Concert and Lab bands, orchestra, A Cappella and University choirs, brass, woodwind and percussion ensembles, as well as the Holiday and Madrigal singers.

"These organizations promote unity," said Williams F. Postlethwaite, associate professor of music, "because the participants work together for a common goal they enjoy, rather than individually as they might in a normal classroom

situation."

The Concert Band and A Cappella Choir each made three-day tours of Texas cities in the spring, presenting concerts at high schools and other colleges. These tours allowed students additional performance opportunities and also served to publicize the university to prospective UTA enrollees.

Department head Jack H. Mahan traveled to Hawaii in March to preside over the American Bandmasters Association convention when it met jointly with the Japanese Band Directors Association.

David Stokan stepped into a vacancy in the piano faculty created

by Jo Boatright who took a one-year leave of absence to assist Madame Lili Kraus, artist in residence at TCU.

During the summer, the music department hosted week-long camps for drum majors, twirlers, percussionists and Lab Band performers. The profits from these schools went to the music scholarship fund.

The department also continued its series of concerts and recitals, presenting students and faculty members in solo and ensemble performances.

chairman:
Jack Mahan
Robert Allen
Robert Allison
Dan Burkholder
Jack Cabb
Gary Ebensberger
James Eddy
Wesley Flinn
Jannette Hindman

Ray Lichtenwolver
James Mahoney
Francis McShane
Zoe Moorner
Dorothy Nelson
William Postlethwaite
Wallace Roberts
David Stokan
Lloyd Toliaferro
Gerald Tate



Physical Education

What do you do with a PE degree? After the department's curriculum revisions, hopefully you can do more than has been available in the past.

"Our purpose for revision was to provide our majors with courses that would help them more when they went to work," said Mary Lou D'Esposito, head of women's PE, but speaking of the entire program.

The PE department asked its graduates for suggestions on filling their needs. "We also asked employers in this area what they were looking for when they hired a PE major," D'Esposito said.

"For example, we learned that graduates who entered the teaching profession needed more instruction in measuring and evaluating motor development and ability in their students.

"Consequently, we designed the course Projects in Professional Experience. This course will give them a better idea of what they're getting into before they go to work."

PE majors have increased from 270 last year to 317, which understandably pleased Athletic Director Chena Gilstrap, one of this year's honorary alumni.

"We are gratified by the growth of the department," said Gilstrap, "and by the quality of our offerings. Our program is symbolic of the university as a whole in that both are experiencing dynamic growth and seemingly endless vitality."

One of the new activity offerings was ice-skating. Classes were held at Forum 303 and taught by Bill Reeves.

The advanced scuba class took a number of trips to Lake Whitney, Cisco Lake and Possum Kingdom for diving.

A new women's intercollegiate

sports program, coordinated by Jody Conradt, proved of value as the softball and volleyball teams went to state. "It's the first time we've been funded for a program of this kind," said D'Esposito.

Track, field and tennis events were hosted under associate professor Bobby Lane, a junior high girls' basketball tournament by instructor Pauline Maxwell and a basketball clinic by coach Barry Dowd. A track meet for the mentally retarded remained another big event.

Students assisted with some of the tournaments. According to D'Esposito, the experience provided insight into what they could expect professionally.



RIGHT: Beginning gymnasts find the first week of training on the parallel bars not as easy as it looks. ABOVE RIGHT: Near the end of their training, scuba students practice maneuverability in their newly conquered environment. ABOVE CENTER: Modern dance students learn as much from watching as they do from actual practice. ABOVE LEFT: On Guard! Fencing pupils learn as much culture as skill in this precise sport. ABOVE: Skating develops coordination and balance useful in many other physical activities.



chairman:
Claude Gilstrap
Thomas Tinker
Burley Bearden
Jimmy Garrett
Robert Lane
William Reeves
Thomas Beasley
Thomas Baane
Carla Lowry
William Roark
Charles Lyles
Terry Gearge
Marvin McBroom
Mary Lou D'Esposito
Anne Simmons
Allison Slaan
Pauline Maxwell





LOWER RIGHT: Laboratory white rats are often used by psychology classes in behavior studies. UPPER RIGHT: Desert iguanas are used in behavior studies also. The department is a pioneer in this area of animal behavior studies. ABOVE: Physiological phenomena are an extremely important indicator of response in animals. With this in mind, many quantitative studies are undertaken to measure the effects of various stimuli.

Psychology

With an increase of 50 per cent in the psychology department's graduate enrollment, UTA researchers could have studied social overcrowding right here instead of at various prisons.

The effects of overcrowding on human beings, a research project begun three years ago, was the subject of continued work in the department this year. Dr. Garvin McCain, Dr. Verne Cox and Dr. Paul Paulus of psychology, along with Dr. Andrew Ternay, associate professor of chemistry, studied the inmates of Texarkana Federal Correctional Institution and other prisons such as those in Dallas, El Paso, Denver and Atlanta.

The prisons were chosen because of their controlled environments and the accessibility of inmates' records. All subjects for the research were volunteers—"probably just for something to do," Dr. McCain said. "Prison life must be very boring."

Although some conclusions were drawn, research is not completed. Dr. McCain has not projected an ending date for the study, and "it'll probably continue for at least five more years."

It is not necessary to go off campus to apply the theories set forth in lecture, however. The psychology department oversees operant labs, psychological labs and perception labs in which students as well as animals are the guinea pigs.

Two other departmental projects also maintained local prominence this year. One was the continued study of the social behavior of lions. Such research with animals is not unusual, according to McCain, but the same research with humans is "practically nil."

Another publicized project, headed by Dr. James Kopp and Dr. James Miller, was a cooperative program with local authorities in applying behavioral modification techniques to mental retardates.

Such studies have resulted in extensive publication by the psychology department. Both Kopp and Miller have published works in operant conditioning. Other publications by the faculty include works on social behavior, mathematical models and developmental psychology.

The unexpected increase in graduate enrollment and an increase of 300 students signed for psychology courses necessitated a new appointment to the 13-member faculty, headed by Dr. James Baerwaldt, in January.



*acting
chairman:*
James Baerwaldt
Harriett Amster
Ira Bernstein
James Bowen
Verne Cox
Garvin McCain
Frank Cheavens
Levi Olan
James Kapp
Duane Martin
James Phillips, Jr.
Bruce Ambler
Robert Gatchel
James Miller
Paul Paulus



Sociology

By gathering cases of put-ons, perpetrated or observed, Stebbins explored the nature of good-natured lying and sketched the social psychology of these phenomena.

"Embarrassment is a very common reaction to being put on (if it is discovered)," he said. "Men are more likely to be perpetrators of put-ons than women and very much more likely to be inveterate enactors of them."

Dr. William Stacey, assisted by graduate and senior students, conducted a study of the adjustment and activities of the aged in the metroplex, analyzed perceptions of university faculty and students on the feminist movement and examined the readiness of black university teachers to accept desegregation.

A master's program in sociology was approved and initiated into the Fall curriculum.

The department received a \$105,000 grant from the Department of Health, Education and Welfare to be used in its Social Welfare Community Development Project. The money was given to 20 students as a stipend for their research work.

Some also worked in agencies like the Dallas County Community Action program, the Youth Services Bureau in Arlington and the Federal Correction Institute in Fort Worth.

Emphasizing teaching through research, the sociology department gave students opportunities to become involved with research projects, guided by faculty leadership.

This concept of learning by participation enabled students to better understand the connection between ideas and actions.

One study utilizing students was the work of Dr. Robert Stebbins, "Putting People On: Deception of Our Fellowman in Everyday Life."

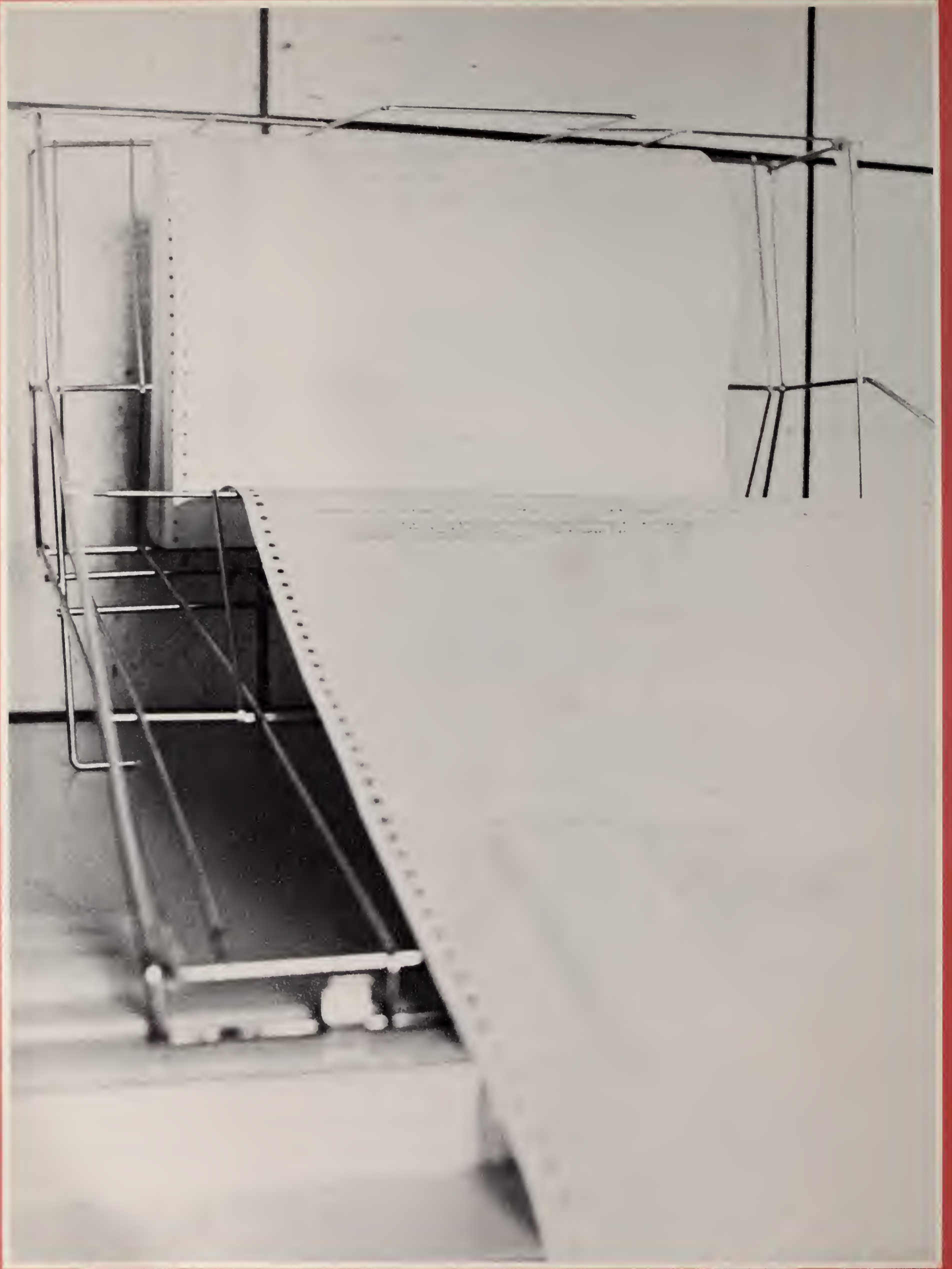




Chairman:
Lee Taylor
Bloine Williams
Ronald Engle
Jess Lord
Bill Stacey
Joyce Williams
Thomas Hayes
Edmund Rudowski



UPPER LEFT: Bill Stacey, associate professor, taught a course in sociological statistics. BELOW LEFT: Sociology is the science of man, including his often peculiar behavior . . . UPPER RIGHT: Man strives for identity in a world of mechanization. LOWER RIGHT: Chance juxtaposition comments on the possible future of man.



FORUM: College of Business

Administration



Jerry Wofford, acting dean, College of Business Administration

REVEILLE: Do you think people generally trust big business in this country?

WOFFORD: I think there is definitely a lack of trust on the part of the general public. We saw that reflected in the public's reaction to the oil crisis.

People were thinking that there was not really a crisis at all—that we had plenty of oil. It was just being hidden in tanks by petroleum companies. That reflects, I think, a lack of trust.

HOLLAND: People within the university environment generally tend to mistrust big business based upon what little knowledge most of them have. However in economics we would like to ask the question how much knowledge do you really have of business and the proper role of business? How much data do you have? Here I would guess that most people in a university environment really do not have the information to adequately evaluate the role of big business.

Speaking as an economist, I would distrust someone in history or government or English or any other department including psychology or even behavior talking about big business. They simply don't have the information.

WOFFORD: Well, I think the question was referring to people in general and there I think we can sample a much larger group than just the economist.

If you look at the voting practices of the people and the trends. If our government representatives reflect the

opinions of the general public which I think in the long term they will, then you can say there is a lack of trust because we have more and more controls, legislation that restricts the activities of business in many different ways.

CALABRO: I have a feeling there is now a general distrust of big business based on a very small number of businesses. Right now we're going through a trauma in our whole form of government and our economic system.

The two are related because big business has been affiliated with government scandals, which is no secret to anybody. Based on a few companies and even if we were to say just the oil industry, or American Airlines with illegal contributions to the government, they're getting a distrust of big business as they see big business. How many businesses are not involved with such dealings as this? How many big businesses are there trying to fulfill their social responsibilities—however we define them.

HOLLAND: I'd like to address myself to the questionable attitudes of college faculty towards big business from a slightly different perspective.

There's an old saying that a little knowledge can be dangerous. I suspect that the typical member of a college faculty is liberal. (A), I assume that he thinks he probably knows what a problem is; (B), I assume he probably thinks he knows what the solution to that problem is; and (C), quite often he feels he should be put in a position to solve that problem.

This is a typical definition of a modern liberal in the United States today. Well, I would deny all three assumptions. I'm not sure we really know what our problem is in reference to the oil industry, for example. I think it would be very difficult to define what the problems are. Even if we knew what the problems are, I would not be willing to accept the idea that someone on the college campus necessarily knows the solution to those problems.

Even if you grant (A) and (B), I would not grant you (C). Just because he is a professor on a college campus does not mean he should be put in a position of making policy to implement his own assumptions and his solutions to those problems.

CALABRO: Well, if you don't go to university faculty, where do you go?

HOLLAND: Well, there's an old saying also that war is too important to be trusted to military men. I guess that's what I'm saying, isn't it? I think there is an element of truth there.

REVEILLE: Most people assume that the university represents a substantial body of knowledge from which they can draw a lot of solutions to today's problems. In fact, that's the presumption we're making in having these forum discussions. Perhaps that's idealistic.

HOLLAND: I think a mark of a mature intellectual is that he must understand that the problems are not as simple as he thinks they are, or at least he thought they were when he was twenty-five.

REVEILLE: But we still have to deal with our problems in some sort of tangible context and come up with plans which will alleviate, if not solve, some of those problems. We must do that regardless of how abstract some of those problems might be.

HOLLAND: I would simply say let's be very cautious.

REVEILLE: What is being done to assure the public that big business does not wield inappropriate power either within business itself or within government?

HOLLAND: The typical reaction on the part of the modern liberal is that he should create an agency in Washington to curbe the powers of the producer group. For example, the Federal Communications Commission,

the Federal Trade Commission and other numerous commissions.

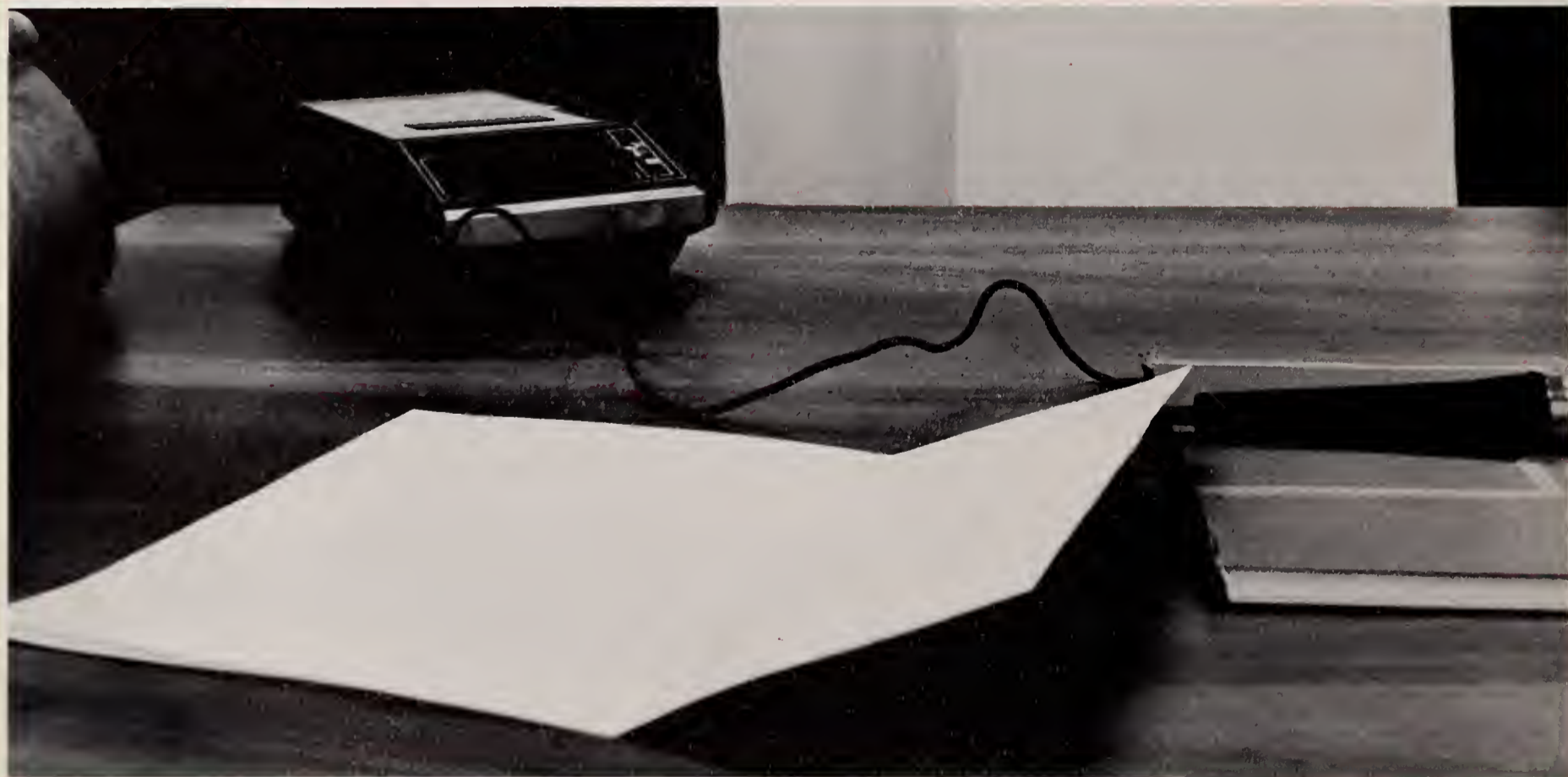
This is a fallacy too. It seems to be based upon the assumption that once we identify our problem we can get a group of good-hearted people with good intentions and they'll be able to solve this problem. So let's create these various agencies.

This is an idea that is no longer generally acceptable to the same degree among modern liberals. For example, Senator Proxmire, during a news interview yesterday, came out with a proposal to eliminate various agencies that have been created supposedly to solve the problems associated with big business and big labor.

So, when you ask the question what can be done to curbe the abuses of big business or any other social institution, the answer may very well be nothing, nothing whatsoever.

The only solution I see is not to be found in Washington, in the sense of creating agencies staffed by so-called good men; it's to be found in the idea of going back to the model of perfect competition. That's probably unrealistic, which I suppose marks me as a college professor. If indeed it is unrealistic, you might as well accept the fact that there's no solution to many of these problems. That is, if you're going to have big business it may very well be true that you'll have to have big labor to interact with them.

You may have to have big government to be the referee between the two giants. This is distasteful to me. Speaking as a person who really believes in liberty of the individual, a true liberal, I'm very much against this idea, but it may be what we'll have to settle for.



'Big business is gettin' bigger . . .'



Thomas Holland, economics

REVEILLE: Do You think there is evidence to support the idea that the formation of big business is a trend in the United States?

HOLLAND: It may very well be true that within the context of the United States we have increasing concentration. I think that's a debatable assumption, but let's grant it.

Then the question arises, what about international trade? What's our pertinent frame of reference, the economy of the United States in isolation from the rest of the world or is it a world perspective of economy—a world economy.

While it's true that there are only three or four automobile manufacturers in the United States, it's also true that these manufacturers are in competition with auto manufacturers around the world.

We are having a significant decline in sales of American automobiles. Are the American automobile manufacturers able to control this situation? No, because it is true more so now than ever before we are tending towards a world economic system. You have giants in individual countries competing with one another.

So, on a relative basis around the world, I don't see

an increase in concentration of business.

REVEILLE: Then you feel that there is still a good deal of competition, at least internationally?

HOLLAND: Internationally, yes.

WOFFORD: I think there are things that can be done, and are being done, toward reducing the power of business. I think, though, that the success of these measures in reducing political clout depends on whether or not they already have so much political clout that they can prevent appropriate legislation. I don't really think that they do. I think that there is legislation which tends to reduce the impact.

The famed case of eliminating company contributions to political campaigns is a good case in point. Of course, now there is legislation coming out of the Senate and the House which would restrict, very substantially, contributions of a large amount, something over three thousand dollars for a private individual and six thousand dollars for a group. I do have misgivings about it because I feel that people are creative enough in getting around this kind of legislation.

I don't think this is any real solution, it can only help to alleviate the problem. As long as you have the vastness in financial power that big business has, you can only hope to curtail the impact on the political system. You can never eliminate it.

CALABRO: I cannot agree that perfect competition would be the answer. It does not exist and I don't see how it could exist. I don't know that going to Washington for further legislation is a bad idea.

It's unfortunate because the more we get government involved in things like this, the more we swing away from the free enterprise that is supposed to be characteristic of our economy. It's an unfortunate thing which business has brought upon itself, here again by a few bad players.

HOLLAND: All the great economists in the history of economics have addressed themselves to the evolution of capitalism. This can be traced, certainly, back to the ideas of Karl Marx in the last century.

I would summarize that all of the great economists believe that the decline of capitalism is inevitable, either because of its excesses or because of its tendencies to do things which people do not accept. That is, capitalism seems to have a philosophical basis that is repugnant to a large number of people.

'Why look for a solution?'

So, I'm not at all optimistic about the future of big business in the United States, not at all.

REVEILLE: Is the formation of big business affecting the quality of products and services in the United States?

WOFFORD: I don't think that poor quality is directly related to the size of the business, but rather to the extent of competition.

If there is a situation in which business has control of the market, then he can market low-quality products.

As long as the big business has either small businesses or a number of other big business to compete with, he will have to produce merchandise of competitive quality.

CALABRO: Society is often a passive perpetrator of inferior product production. When I say society, I'm using a very general term, but I'm talking about you, Mr. Aldridge, who will go out and buy a product which you believe to be inferior, but you've got to have it. Do you really have to have it?

REVEILLE: Right. You're talking about a consumer feedback mechanism.

CALABRO: Absolutely. Big business is getting bigger because people are still buying from it even though they complain about the products or services.

REVEILLE: Then perhaps the consumerism movement, personified by people like Ralph Nader, is helping to curb this problem?

HOLLAND: No, absolutely not. This is another policy that is generally associated with people on the college campus.

There is voluminous literature on the consumer movement in economics, and economists have come to very pessimistic conclusions about the efficacy of such movements in trying to curb abuses of power on the part of big business.

It's a good idea to propagate the consumer movement, but as far as actual effects on product quality, it's highly debatable.

CALABRO: Because of the consumer movement, I think businesses are taking a better look at their offerings.

We now have the Office of Technology Assessment, which was established two or three years ago, where all new products now have to be cleared to find out if they are going to pollute the air, the water, is there a need, are there going to be harmful problems if this product is marketed.

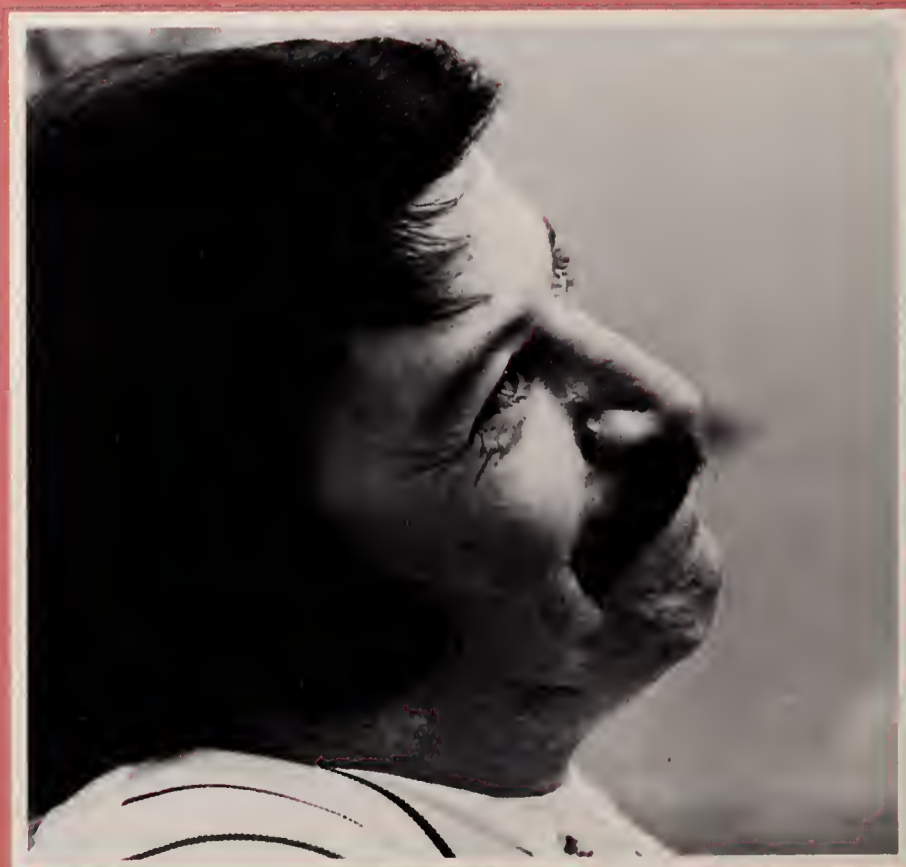
I think some good can come from this. Here, I would totally disagree with Professor Holland.

HOLLAND: As a generalization, many people seem to feel that if there's a problem in American society, we ought to create an agency in Washington, staffed by good-hearted people, to solve that problem. That has proven to be a fallacy in case after case after case. I shouldn't say proven, how do you prove or disprove anything? There is evidence suggesting that the end result is not that which was expected.

WOFFORD: Our problem is that we have a distrust of business as we started out saying. We pretty generally feel that unless we have certain controls over automobile safety or drug safety, that the industry will not police itself.

So, we turn to the government as our policing agency. The government is a very expensive, inefficient policing agency, but what other alternatives do we have? I don't know of any others.

HOLLAND: Again, I say just because society has a problem, doesn't necessarily mean that there's a solu-



tion to that problem. And if there is a solution, it's not necessarily to be found in Washington agencies staffed by so-called good-hearted people.

REVEILLE: It seems, Dr. Holland, that you do not approve of looking for answers to some of America's problems on university campuses or in Washington. Where do we look?

HOLLAND: Why look for a solution?

REVEILLE: Well, I think there's always got to be a better way, a better direction of action in solving specific problems.

HOLLAND: This is a typical problem the Americans have. It's not a problem the other people around the world seem to have.

Gee, we've got a problem, we've got to solve that problem. Let's throw some dollars at this problem and solve it.

People in other countries do not even necessarily have that frame of reference.

REVEILLE: Most of them do not enjoy the standard of living we enjoy either . . .

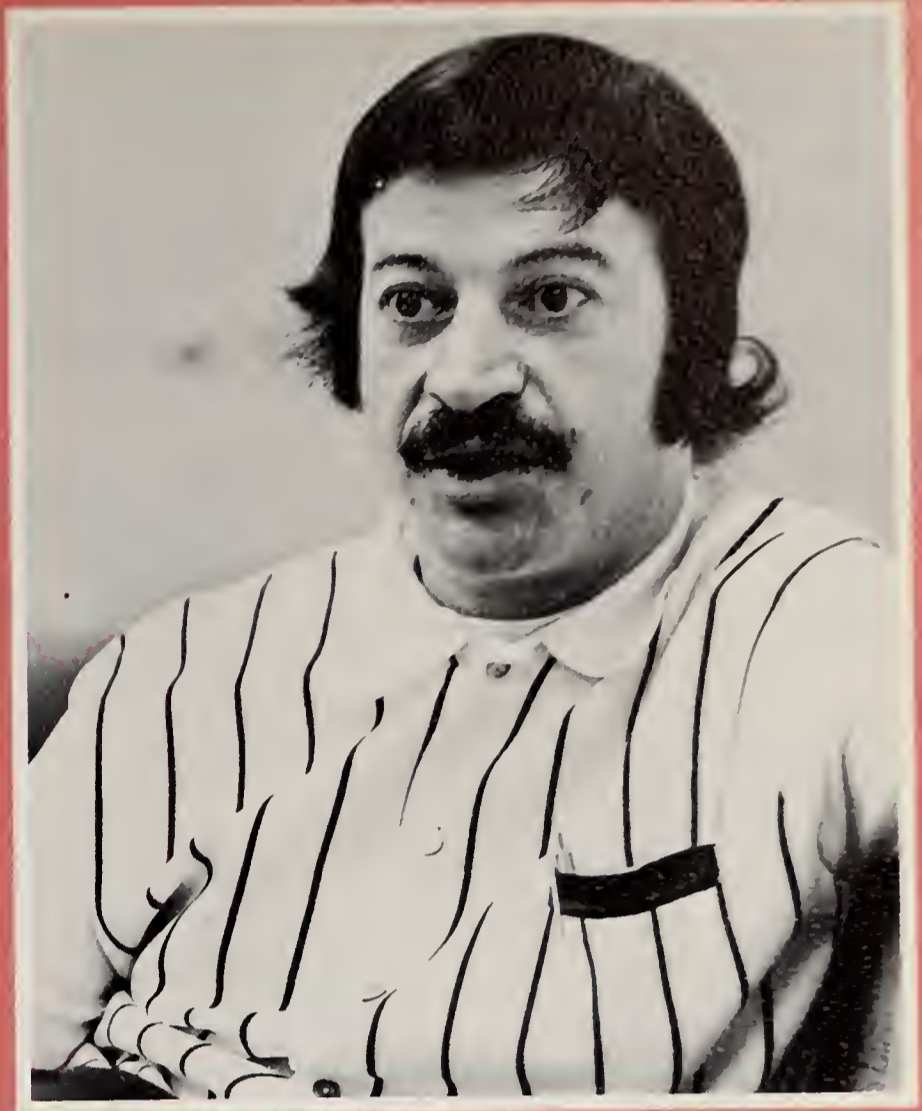
HOLLAND: I suspect, without really knowing or being able to prove the hypothesis, that the Americans, in general, would be better off if they simply took the attitude: yes, there are problems, but yes we don't necessarily know how to solve these problems.

REVEILLE: But there always has to be a better direction in which to head ourselves, whether or not it's the ultimate solution to the problem.

HOLLAND: Well, there may be, but then the question becomes, how are you going to bring about this better direction?

It's one thing to know the best thing to do in an abstract sense, which is what college faculties are very great in doing, thinking the abstract. It's something else to be able to write a program in which the objective can be achieved, which is rule of government.

REVEILLE: Well, I think we may have shed some light on the role of big business in society. We have, at least, brought out some contemporary academic thought on the question.



Pat Calabro, business administration

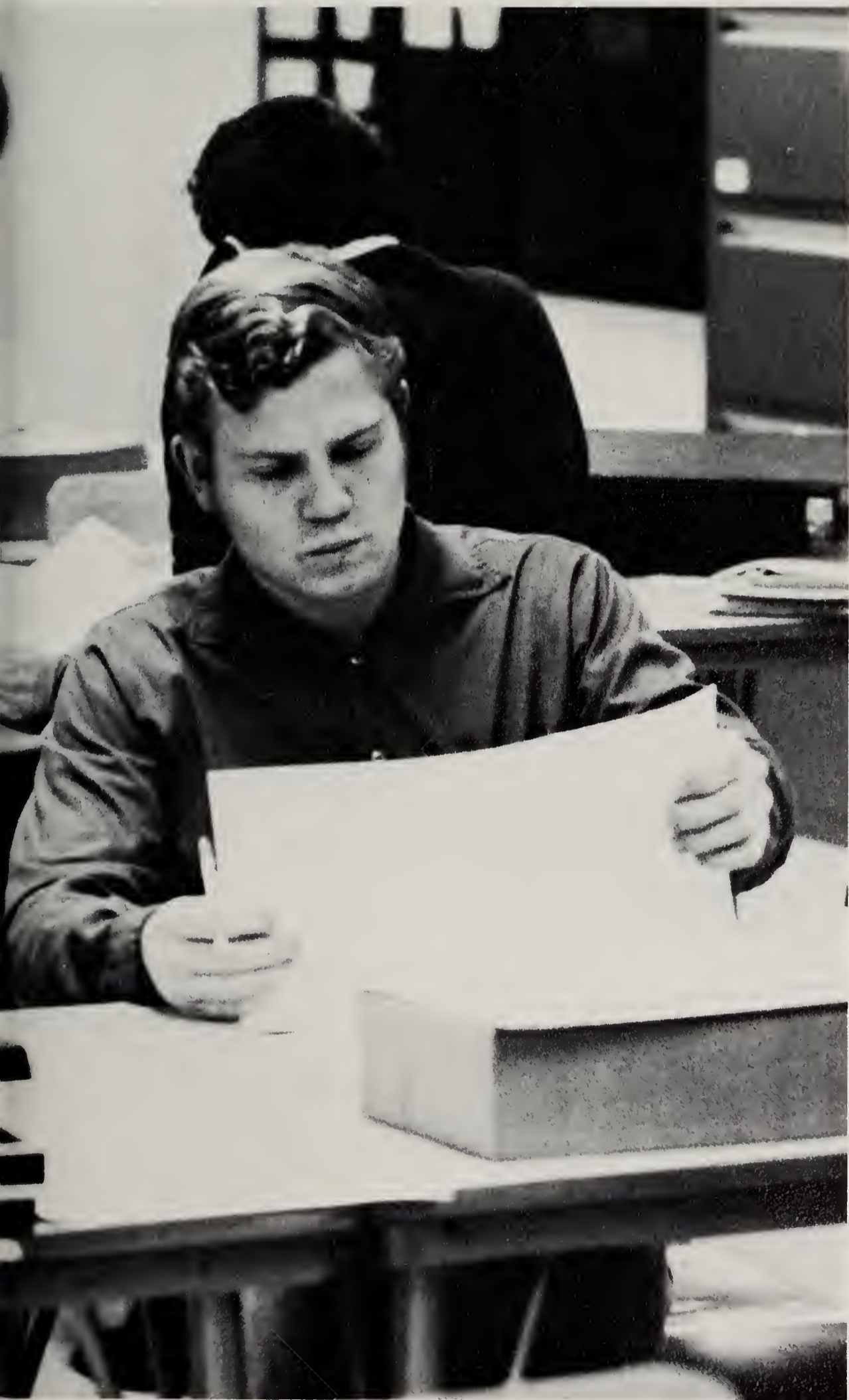
acting
chairman:
Howard Snavely
Allan Savage
Harley Courtney
Billie Mouck

Jim Cook
Elliot
Wayne Label
Elbert Page
Joseph Rizek
Terry Witt

Accounting

RIGHT: Accounting student scans computer printout for possible errors. BELOW: Students feed data into computer with hopes of receiving proper output. The accountant, as well as other members of the business profession, often uses computer machinery in his work.





Students interested in accounting found course offerings here to be somewhat unique, with the emphasis on realistic rather than textbook situations.

At most colleges and universities, the first semester of accounting is spent entirely on bookkeeping, thus giving the student little, if any, opportunity to visualize actual situations. Here, the beginning semester of accounting is entirely different—approximately one week is spent on bookkeeping. The rest of the semester is devoted to learning to read and understand complex financial statements which corporations produce daily.

Students also became involved in accounting-oriented business games that were "played" during the semester, giving the players first-hand knowledge in decision making as it applies to financial situations.

In addition, freshman students studied actual cases in which companies either gained large profits or were forced into bankruptcy, such as the Penn Central Railroad.

"Primarily, we want to make the problems and situations for the accounting student more realistic," explained Dr. Snavely, chairman. "When this is done, we remove the simplification that so often hampers the student as he prepares for an accounting profession."

The department of accounting remained the second largest on campus boasting 1100 majors. Degree offerings included a bachelor's degree in business administration and a master's degree in public accounting.

Business Administration

To prepare students for responsible administrative and executive positions remained the purpose of the College of Business Administration.

The training in the school was geared to the needs and desires of the students in adapting to the opportunities to be found in the metropolitan area. The growing trend in business administration was to replace the ivory tower concept of university life with a practical approach.

One means of accomplishing this goal was the 21-member Business Advisory Council, composed of leading business executives who serve as a liaison between the business community and the university.

"By having these businessmen visit the campus, we receive a better perspective of what the business world is really like," said W. B. Nelson, former dean of the College of Business.

Another advantage Nelson noted was an "opening of communication lines" between area businessmen and the business faculty.

Maintaining a distinguished business college was a priority Nelson felt could benefit the advisory council by helping to promote the university's reputation for being a "tough school that turns out top students."

During the year, BAC expanded its executive scholarship program which presents several \$500 scholarships to outstanding students each year.

Keynote speaker during Business Week, Oct. 8-12, was Diane Folzenlogen, treasurer-secretary of the

Dallas based Electronic Data Systems Corporation. The graduate of SMU had the responsibility of investing funds totaling more than \$45 million for the H. Ross Perot firm.

Other speakers included John Stuart, executive vice-president of Republic National Bank in Dallas, Jeff Wintworth, senior vice-president of the First National Bank of Fort Worth and Robert Bloom, President of Bloom Advertising of Dallas.

Master's degree programs were fully accredited for the first time this year based on teaching effectiveness, faculty research, physical facilities, library accommodations, college-wide objectives and working with the business community. The Board of Regents also approved a Ph. D. program in business.

Acting Chairman:
Donald Cantwell
Lawrence Schkade
John Stanley
Jerry Woffard
William Green
Hiram Helm
William Lucas
Carl McDaniel
Donald Turner
Burley Walker
Revenar Baker
David Bourke
Michael Edgar
Roger Gates
Edwan Gerloff
Paula Hughes
Thomas Kindel
Albert Lewie
Philip Lynch
Ronald Milliman
William Phinney



Business Week parking sign adorns campus leading visitors to proper niches. Several area business people spoke during the week.





Economics students encounter as much math as analytical geometry and calculus I.



Economics

Every business administration student is exposed to the wonders of economics as major, minor or required course.

The study of economics is at the heart of business education because it fills two needs of the promising businessman. First, it strives to prepare him for the economic world he will work in, and secondly, it provides a framework for understanding business decisions.

In this context, the study of economics enables him to understand how the economy as a whole functions and to learn how the economy is affected by public and private decisions.

"In economic terms," said Dr. Thomas Holland, "every economic system—be it communist, capitalist or you name it—is evaluated in economics in terms of its efficiency and not its social responsibility.

"The technical definition of the word, efficiency, is the greatest satisfaction or wants that can be provided by the resources of that economic system. So efficiency is a ratio of output to input.

"In that context I would say the primary responsibility of any economic unit, any business firm, is to maximize the output of any given input."

"Just because a firm is being efficient doesn't mean it is necessarily maximizing its profits. If it is maximizing its profit it is also being efficient. It is because of that relationship between efficiency and profit maximizing that economists are always stressing the idea of firms maximizing profit."

FORUM: College of Science



REVEILLE: Alvin Toffler suggests in *Future Shock* that contemporary society is developing a technology with which it cannot cope. We are amassing information at an incredible rate.

How bad is the problem?

TERNAY: You know, I'm sure that 90 percent of the scientists that have ever lived, roughly, are alive today. That in itself is kind of a frightening statistic.

In chemistry, at the beginning of the century, there were perhaps 25 or so learned Shock now there are about 700. The total amount of information in chemistry is doubling roughly every seven years. I think this is going to demand more and more recourse to mechanical means of information storage and retrieval.

REVEILLE: Certainly that's occurring right now with the rapid increase in computer usage.

TERNAY: It's come about in many places. In medicine for example, the National Institutes of Health are beginning to collect a library of materials with diagnostic information. You can punch in someone's symptoms and get out a lot of information about what possible diseases one can anticipate.

There are lots of computer programs now trying to correlate the data between structured biological activity, particularly as it relates, for example, to anti-tumor agents. But even then, most of the results have been something less than admirable, which means we probably still need a lot of data, which in itself is rather frightening. But, seven years from now with all the information doubling, we may have all the answers.

So much of the early information was data gathering. So much current information is non-data gathering. It's substantive, and yet the information continues doubling. As the information continues to increase, the theoretical foundations become stronger and stronger and support more theories. You know, who ever heard of a black hole or even a double helix a few years back?

Not only are the pieces of data increasing, but the concepts themselves are increasing.

REVEILLE: Dr. Herrmann, in the field of physics, what's happening? Is it about the same situation?

HERRMANN: Well, I think physicists are in a different position altogether. If you are looking for a field which can give you something you can understand about the world we live in and ourselves, it is essentially some kind of physical information.

In a sense, I believe physics was once a top science and what we are experiencing now is that physics has become a tool in the hands of biologists and chemists in the same way as physicists use mathematics.

On the other hand, I don't want to say that physics has ceased, as a science, to grow, not at all. It's about like the other fields, information comes in at an ever increasing rate. What we are experiencing is a fantastic flow of bits of information, to a large extent unrelated to each other. And, as it happens in physics and other fields, we become more specialized and it becomes increasingly difficult to understand the meaning of these various bits of information.

REVEILLE: So perhaps physics is still in a state of data gathering and data synthesis, more so at least than many of the other sciences.

HERRMANN: In a sense, yes. If one looks at the two opposing fields of physics, the very small and the very large, it becomes apparent. In the very large physics, astrophysics for example, we have somewhat reached the limits of data gathering and we have entered a very high speculative phase of study. We are at the moment at the limit of our observational capacities, unless we get a very large telescope outside the earth's atmosphere, on the moon or on an orbiting station for example.

REVEILLE: Are you suggesting that perhaps economic factors will limit data gathering, and thus place restrictions on technological development?



Andrew Ternay, chemistry

HERRMANN: Well, yes. Toffler, in my opinion, makes a very serious mistake in assuming that this process of data gathering and advancing knowledge will go on as it has gone on in the past. In physics it will not go on simply because it will become increasingly expensive. As desirable as it is to get a 10 meter mirror on the moon, who's going to pay for it? Money, in the future, will have to be considered as one of our, let us say, natural resources, which is not present in anywhere near infinite supplies, as we have believed everything else is in infinite supply, such as energy.

As the problems of our environment, for example, become increasingly complex, we will begin having problems just supplying energy sufficient to power all our technology. The emphasis will be on these problems, not on data gathering research, which on its face has no meaning for most people.

TERNAY: It seems to me that, going back to our comments on astrophysics, it's not that astrophysics is about to come to a grinding halt, but that it's just beginning. What we've seen is the end of classical astrophysics, classical in terms of the observational position. In the future, rather than the information becoming limited, I think we're going to open up a Pandora's box of information.

HERRMANN: Provided we have the money and the

resources to do that.

TERNAY: I heard the same kind of thing when we said we were going to put a man on the moon by 1970. All the money it was going to cost, and how the hell we were going to do it, but by God we did it.

It seems to me that one of the qualities of man, whether we like it or not and whether it's a good or a bad one, is on occasion being foolish to a fault and doing things that they want to do. You know, climbing the mountain because it's there.

I'd like to believe that money is not going to be the ultimate obstacle. There may be only one super accelerator, there may be only one superconducting magnet, but I cannot believe we'll ever reach the point where the curiosity of man is going to be held down by money.

HERRMANN: You must admit that the problems facing us just to maintain our present technology, just the energy, is becoming overwhelming. Our population is becoming overwhelming. It will be a matter of priorities, increasingly so.

TERNAY: Well, maybe what it means is that we need a whole new technology to take care of energy. We're trying to build a 1970's technology on the energy that was adequate in the 1930-40's. We've been so concerned with developing new gizmos that we haven't spent enough time worrying about how to power those

'The obstacles are man himself'

gizmos. Maybe it's about time we left the gizmos aside and concentrated on a new way to plug them in.

HERRMANN: Yes, but if we have to concentrate on a new way to plug them in, that means we must divert certain resources to that field which will then not be available for others.

TERNAY: If you heard Kent Wilson talk last week about the number of scientists, the number of scientists is increasing. The question is, when you want to develop a new area, do you take an established man and put him in that area and say, "Now listen, we know you've proven your worth, now go ahead and develop some new energy sources," or do you find new institutions or new inter-disciplinary plans and say, "Okay, now you new fellows, straight out of your Ph.D.'s, we want you to now think along energy terms." I think that there is new blood constantly being fed into the system.

HERRMANN: New blood will come in only if there are opportunities.

TERNAY: I think that five or ten years ago the number of scientists being hired was terrible. In physics that was true. But that didn't stop some people from going into physics.

REVEILLE: Dr. Scott, switching from astrophysics to good, solid earth, what's happening in geology?

SCOTT: Well, I'd say first off that geology, earth sciences, geosciences are experiencing the same sort of information explosion which characterizes the other disciplines. Perhaps chemistry doesn't produce any vast overwhelming amounts of trite data, but I think most other sciences do; and since geology really is the queen of sciences and chemistry is one of our enemies, I think that chemistry produces a lot of trite data also.

Seriously however . . .

TERNAY: That's all right. May you spend the rest of eternity in Gondwanaland!

SCOTT: You know, the way things are going we may all end up back in Gondwanaland. I think that earth sciences are beginning to play more of an important role in meeting the kinds of challenges that Toffler proposes.

We were just discussing here a moment ago what obstacles stand between man and his goals. These obstacles are really needs of society. The obstacles are man

himself, not money. We can do what we make up our minds to do, and regardless of how much it costs we can develop the necessary technology. That has been demonstrated.

The new challenge now is not in space but energy. We'll come out of it, no doubt about it, and we'll probably be better off for it. The problem here is one of expansion. We must refocus where we are going. This is the challenge that Toffler sets forth.

When we talk about scientific advancement, it's well to remember that before the 1700's there really weren't any physicists or geologists. They were natural historians. Since the 1700's, there has been a tremendous diversification and hence we have biology, chemistry, etc. Four of these fields are represented here today.

The prism that split science was the demands of technology. The prism that divided us up into many branches and fields was the need to devise new ways of doing things, the need to generate new industries, the need of capitalism if you will.

I'd like to suggest now that a lens is refocusing us all back together again. You no longer hire just a biologist; you hire a macrobiologist and a biochemist and a biophysicist and so on and so forth. The same holds true for the earth sciences. The lens which will guide us back together again, if we will come back together, will be a combination of political, moral and sociological factors.

REVEILLE: I think that biology has been in the foreground for many, many years Dr. Meacham. We, as living organisms, tend to be very interested in biological matters. How is biology progressing?

MEACHAM: Well, of course the fact that we are living organisms makes us extremely interested in this particular field of science and it, in turn, is extremely applicable to our problems.

I think if we look at the progress of biology in the last 50 years, the thing that really stands out is, that until quite recently, biology was largely a descriptive science. There were tremendous numbers of organisms to find and classify. Although we haven't by any means discovered them all, we have certainly gotten the ones which are most evident.

Biology had the problem, and still does, of working with material that is extremely variable. But, with developments in other areas of science, biology has been opened up beyond anything we ever dreamed of in the forties. The use of chemical techniques, mathematical

models, computers, principles of physics and geology have turned it into a completely new science. This is reflected in even so mundane a thing as the budgets within the College of Science. For years and years the equipment needed by biology was relatively inexpensive, things to look at mostly. Now we essentially need the same kinds of laboratory equipment as the other sciences and costs, of course, are much more than we used to have to pay. So, the budgets have gotten somewhat out of kilter among the sciences in institutions of higher learning in many cases.

We are approaching the point where we can manipulate the genetic makeup of organisms, including man. I think we are close to getting a better understanding of the functions of the brain, there's a lot of attention being given to this. We are beginning to become aware of the entire earth as a biological system and the fact that it can be drastically and disasterously upset by man's activities and technology.

We are beginning to understand population dynamics and population problems, not necessarily yet how to control them, but certainly that dangers are in store if we don't.

I'm sure I'm biased, but it seems to me that, of all the sciences, biology, which has been very tardy in developing any quantitative approaches, has finally done it and it's just very hard to predict what we're going to see in the next decade.

TERNAY: May I share a definition with you. I remember as a graduate student, one of my chemistry instructors defined biology as the science of creating very complex words for very simple microscopic structures. I guess his favorite was endoplasmic reticulum, although by now he could have come up with something even longer than that. I expect that one day antidisestablishmentarianism will no longer be the longest word, but it will probably be a biological term.

Would you say, Bill, that biology has been so slow in its development that it has actually run the risk of disappearing as a science because so much of its work has been and is being done by chemists, physicists, etc.? Someday in fact might not biology disappear?

MEACHAM: No, I don't think so . . .

TERNAY: No, I don't expect you to, but it just seems to me that that is the case.

I pose a hypothetical point of view. In the end, all the biological questions are questions of chemical reactivity or the interplay of one physical force with another. Therefore, if one asks a question about a biological system, the ultimate answer must be either chemical or physical and not biological because I don't think that bi-

ology has built into it the ultimate responses to these questions.

When you say why does that thing drop dead, well maybe we say we stepped on it, but in the end it died because some enzyme or lysozyme was released and so on. These questions are being answered by biochemists, who in large part view themselves more as chemists than as biologists. Now, I don't know whether that's fair, but I . . .

MEACHAM: Well, I think my answer would be that biologists are certainly going to have to be well versed in the physical sciences to a much greater degree than they are now, but I still believe that a person who is able to tie together the chemical, physical principles as they pertain to living organisms is going to be called a biologist. I think that there is a place for a person who deals with these principles within the context of living organisms.

Another danger which we run into, and I've seen it already, is the fact that we become so engrossed in the mathematical, chemical, physical details of life that we get to the point where we can't identify the organism we are working with.

TERNAY: It's a question of viewpoint.

SCOTT: I'd like to toss an idea in. Some of the finest geologists that I've known were educated as chemists and physicists.

REVELLE: It seems that perhaps science, using the term broadly, is in a stage of synthesis and combination. A trend toward interdisciplinary study seems to be taking place.

HERRMANN: I don't agree with that. It is true that



William Meacham, acting dean, College of Science

there seems to be some interdisciplinary approaches, but to me they're just another form of specialization. If we have a biophysicist or a molecular biologist, they are merely new areas of specialization. It does in no way mean that we are further along the road, as far as I can see, in having a somewhat integral grasp of the whole situation.

TERNAY: I think what happens is that you have two areas which overlap and you develop an interdisciplinary study. If that appears to be fruitful, or if someone is funding it, then what at one time was interdisciplinary becomes a new discipline.

HERRMANN: That is right. The term biochemist in no way infers that he understands the fields of biology and chemistry equally well. He just a new kind of specialist.

SCOTT: I'd like to offer an example that I think does support the idea that synthesis is occurring, but not necessarily within one mind. That is, I don't mean to imply that one scientist becomes both a chemist and a physicist. That's nearly impossible. The synthesis has to be in terms of groups and I think the environmental geologist's approach to planning is a good example of this. It's geology applied to solving problems of how we live, where we live and what we are going to do with the materials that we live with, and this involves biological questions. It involves biologist and geologists working together down here on Rush Creek, it involves chemical questions, the chemistry of the stream, it involves physical questions; we can't possibly hope to understand fluid dynamics of a stream without understanding physics. All this data is synthesized by the group as a whole and then following that synthesis comes the political decision, the judgemental decision.

TERNAY: You know, one of the developments of science in the '60's was the term which Bob is talking about. It used to be the chemist with his post-doc's or with other chemists and now it's a chemist and a biologist and so on, a group of people.

The interesting question is what comes after that? We found that as information expands we've got to go from one chemist working with other chemists to a chemist working with a biologist or a microbiologist. The interesting question which one might pose is: All right, when we've used all that up, what's the next step?

I offer the possibility that maybe the next step is to go back to the one scientist or maybe the two scientists and the computer. Where in effect the computer becomes the storehouse for a lot of information. Better yet, maybe a philosopher, a natural philosopher and a

computer.

SCOTT: The computer substitutes for the specialists.

TERNAY: That's right.

SCOTT: The biologist that names all those organisms or the geologist who knows all the minerals.

HERRMANN: As a matter of fact, it may turn out that only the computer can integrate all this data.

TERNAY: That's right, We've got so much data points that it's really impossible for a man to sit down and get a broad picture.

The problem is that there's too much rubbish in the data that we collect. If one is looking down a certain avenue, there's a lot of rock and rubble along the way. How do you get rid of that rubble? Unfortunately it takes the mind through a painful process to achieve that end.

A computer can linearize and plagiarize and all those other -izes, you know, and get the rubbish out of the way and see the correlations very quickly.

Let me guess that the next step in the development of science is going to be a step away from the humanized team toward the mechanical team, the computerized team. There are some evidences right now, particularly



ABOVE: Ulrich Herrmann, physics. RIGHT: Robert Scott, geology.

'Scientist is still an individual citizen'

in the medical profession. The team of the physician and the diagnostician which is already being, I won't say threatened, but aided by the computer.

REVEILLE: Whatever the mechanism by which man collects, correlates and synthesizes his data, new developments of tangible interest are often the result.

These developments may be for man's benefit. Some of them are weapons of war and suffering. All too often, any given development may be utilized either way, depending upon the desires of man.

Who is to guide the direction of our efforts and the uses to which scientific developments are ultimately put?

HERRMANN: I remember one of my students, a very good physics major. I suppose one would classify him as a peace-nik. He was looking for a job and the only one he could find was being on a team which was concerned with the development of multiple independently targeted reentry vehicles. If you have responsibilities, a family, you often have to take jobs as they come along, without a great deal of actual choice.

One can always refuse to take part, let's say as a biochemist, in any kind of biological warfare research. That is still unfortunately where the money is.

REVEILLE: Then the ultimate decisions are made on a higher level and many people are channeled into this sort of thing?

HERRMANN: Well, I don't believe that any group can decide the purpose to which an individual dedicates his life. Every individual scientist is still an individual citizen. As such, he has certain political obligations. He can always make his views felt.

I do not believe, however, that all physicists can get together and decide what should and should not be developed. There have been some intentions of doing that. It has been proposed that the constitution of the American Physical Society be modified to get in some kind of paragraph about the social responsibility of physicists. Individuals vary too much. I think that it ultimately rests with the individual who must make his own decision about whether he wants to participate in a certain project or not.

SCOTT: I think the nerve center, the main impetus, is an economic impetus. What will make money. This decides what research projects get funded. This decides who gets the jobs. After all, we all have to end up eating the same bread.

I think it's the direction where a profit can be made and that gets us down to the dilemma of being human. Man always wants to do what's right but usually ends up doing what allows him to eat.

TERNAY: Expeditious?

SCOTT: Expeditious, exactly.

Perhaps we need a new kind of system that can make decisions. Democracy obviously is awfully cumbersome. The system we've got is extremely consistent but it's also extremely slow.

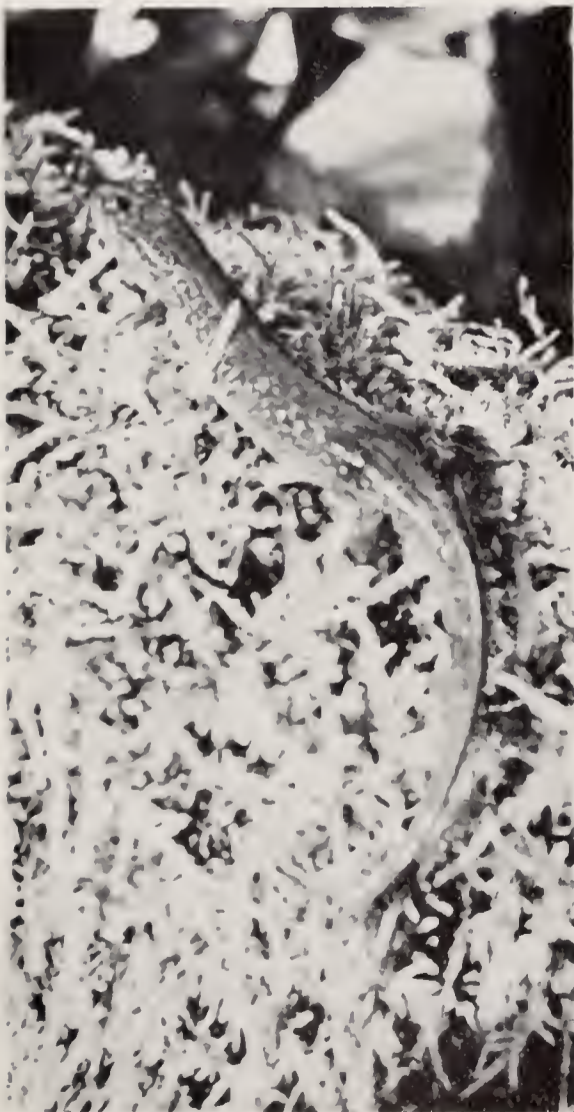
Perhaps the future shock of the twenty-first century will force the development of some sort of new socio-economic political system that will respond quickly and yet still respect the rights and needs of the individual.

We can only hope that the transition will be a smooth one leading into a new era of peace and prosperity for humanity.





Biology



What department other than Biology would even care about, let alone do research on, something like "reproduction and natural history of the South American tree-frog?" Or "thermal pollution in freshwater lakes?" Or the "mammalian heart muscle?"

How about "transformation in a nutritionally deficient mutant of *Candida pseudotropicalis*?" Sound intriguing? Then try "Mitochondrial calcium and isolated perfused heart function in *Peromyscus lecopus*."

To the layman, these topics probably hold very little meaning (or interest). To the trained biologist, however, such subjects are vital. Findings in any of these areas could lead to important discoveries in others. And it was such topics as these that biology faculty members concentrated on this year.

By continuing this study, for example, on the "Life Cycle and Behavior of *Dermatophagoides Farinae*" (in common terminology, the

house dust mite) Dr. C.C. Hall also made advances in the study of a related allergy. According to Hall, this mite "seems to be one of the important allergen producers in house dust."

He performed his behavioral research using direct observation methods and cultivating quantities of mites to prepare extracts for injection into rabbits.

The project, nearly completed after its second year, was funded by a \$2,000 grant from Alcon Laboratories in Fort Worth and a \$1,3000 grant from Johnson Wax Co. in Racine, Wisconsin, in addition to approximately \$1,000 from organized UTA research funds.

The biology department received a new chairman this year. Dr. W. C. McDonald succeeded Dr. William R. Meacham, now acting dean of science, as department head in September, taking charge of 21 faculty members, 12 graduate assistants, 1457 biology majors, plus the minors and all others enrolled in biology courses to fulfill science requirements.

The department sponsored weekend field trips in some courses. Dr. W. F. Pyburn scheduled trips for his class in vertebrates, and Dr. Thomas Kennerly arranged similar activities for his mammalogy students.

Other field trips and special events were planned by the Biological Society with support from the department. Club members spent one weekend at Beuscher.

The Society also provided a biology clinic aimed at helping freshmen, and sophomores. Manned by upperclassmen, the clinic included presentations of facts, concepts, study methods, and open-ended discussions. In addition, the group hosted guest lecturers who spoke on such topics as pollution, ecology, and botany.

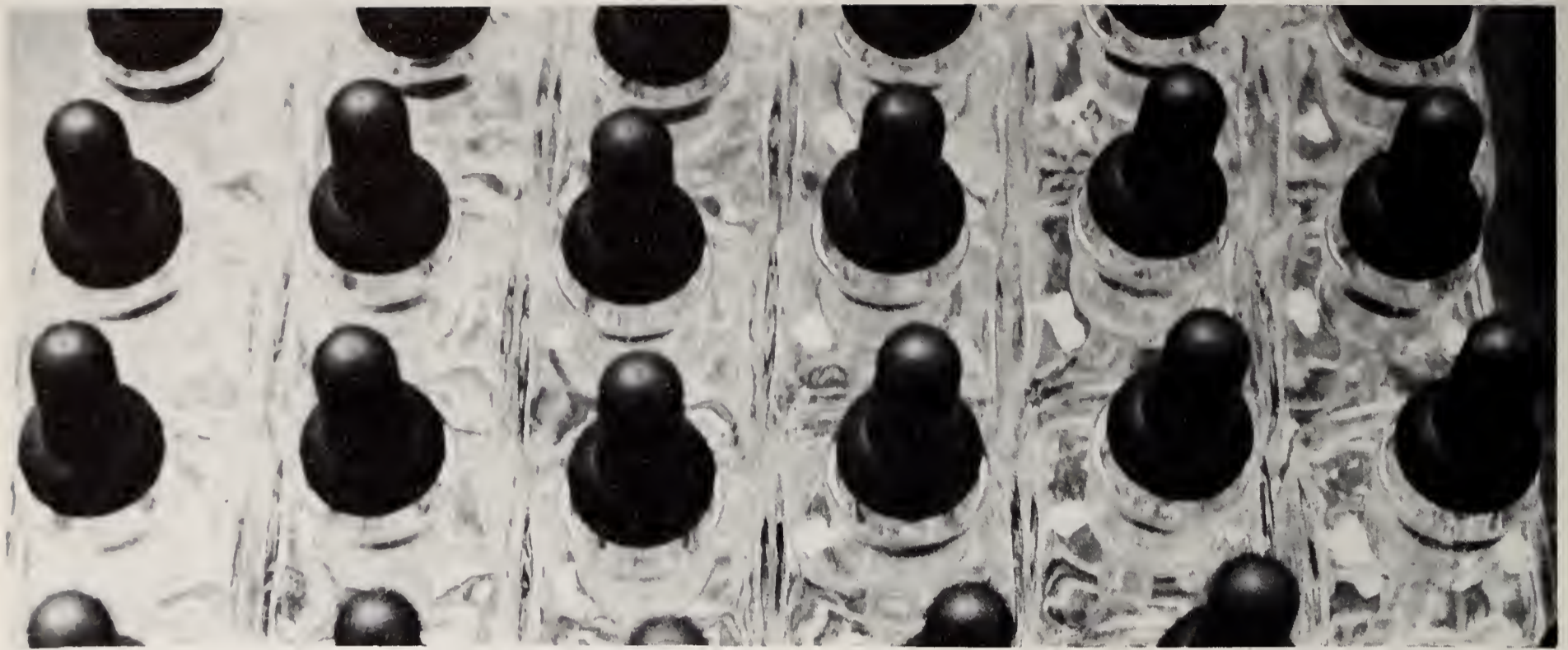


<i>Chairman:</i>	Louis Bragg	Robert McMahon
William McDonald	James Butler	Robert Neill
C.C. Hall	Robby Eller	Marjorie Sharp
Thomas Kennerly	Bernard Frye	Arch Hopkins
William McCrady	Frank Gladden	Donald Whitmore
William Pyburn	Thomas Hellier	Jacqueline Perryman
William Meacham	Mary Clark	
Robert Boley	Ronald Knaus	



UPPER LEFT: Comparative vertebrate anatomy lab instructor Brenda Graves points out key structures in a specimen. LOWER LEFT: Salamander basks on a bed of moss. UPPER RIGHT: Robert Acree, the Biological Society's Euell Gibbons, leads the way. LOWER RIGHT: William Meacham teaches ecology. ABOVE: Philipa Utter mans a table during Open House.

Chemistry



UPPER RIGHT: Careful measurement becomes extremely important in Quantitative Analysis 2451. RIGHT: Electronic data processing creeps into a biochemistry lab. ABOVE: Open house gave community visitors an insight into departmental activities.





A forensic chemistry course was offered for the first time in the fall as 24 students learned how to handle evidence encountered at a crime.

Law enforcement officers were also enrolled in the class taught by Ann Benham. Uses of forensic chemistry include determining the authenticity of documents, handling of blood-stained clothing and improving the education of the average policeman.

"These people, who are not specially trained, will have some knowledge of what will happen with this material (criminal evidence)," said Benham. "They will understand what is important and what could be ruined."

"Forensic chemistry, if you take out the ballistics and fingerprinting, is just a specific branch of analytical chemistry."

Dr. Donald Martin, in his fifth year as department chairman, recalled the difficulties in starting the new course.

"We were looking for a model and couldn't find any. We asked through the engineering departments for a computer search through the government in Washington.

"After finding no course content, we were on our own. I think the course is a good idea. The people need to know what the crime lab can do."

Another new course was polymer chemistry, concerned with heating and its effect on plastic, styrofoam, nylon and other similar materials. The department, Martin said, developed the junior level course because of an increasing demand for polymer chemists.

The department changed in overall appearance, also. Since Martin became chairman research projects have been on the upswing.

"We want to be the best chemistry department in the country," Martin explained. "We want to get a research program that is active. Research is one of the most important aspects of a university."



chairman:	Robert Francis
Donald Martin	P.R. Girardot
A.T. Armstrong	Lynne Hardin
Edward Bellian	Clovis Huddleston
Ann Benham	G.L. Johnson
Daniel Blake	Mary Johnson
Eunice Bonar	H.D. McAfee
Harold Burman	Andrew Temay
Lanny Casey	Margaret Willoughby
T.J. Cogdell	



Geology

With the energy crisis in front page headlines, geologists were in big demand. Dr. Charles Dodge, geology chairman, believed his department could fill the bill.

"The job outlook for graduate geology majors is excellent right now," said Dodge. "The 11 graduate geologists who recently graduated have had jobs waiting for them since winter."

Prospective employers were probably influenced by three students' geological jaunt into the uncharted mountains and jungles of northwest Guatemala.

Phenomena unknown to that area were discovered and studied by Don Marcus, Gene Litke and Doug Lindsey, under the supervision of Dr. Burke Burkart. Burkart, an assistant professor, has done work in Guatemala for 11 years.

The students weathered terrain at elevations ranging from 2,000 to 11,000 feet. The expedition was financed mostly by a grant from the Organized Research Foundation and the Guatemala government.

The study resulted in maps that will enable Guatemala to build roads and dams.

Other research conducted was by Dr. Joseph Fischer, assistant professor, and Dr. Charles McNulty, professor.

Fischer and McNulty, aboard a global marine ship, made studies of the ocean floor while on a deep-sea drilling program in Tahiti.

"McNulty's examination of holes drilled 15 to 16 feet deep in the sea floor revealed information regarding the age of ocean basins, sea floor spreading and continental drift," said Dodge.

Back in the classroom, Dodge reported success with the new courses offered to non-geology majors. Introduction to Oceanography, Geology of Texas and Introduction to the Geology of the United States were available for students whose degree program required 12 hours of science.

"An air photo geology graduate course was offered for the first time during the fall," said Dodge. "Calvin Miller, adjunct professor previously with an oil lab, is also the author of a textbook on air photo geology which, in addition to having been translated by the Russians, was also used as their standard text.

Computer geology, a new graduate course offered in the spring, was taught by Dr. James Forgyson, also an adjunct professor.

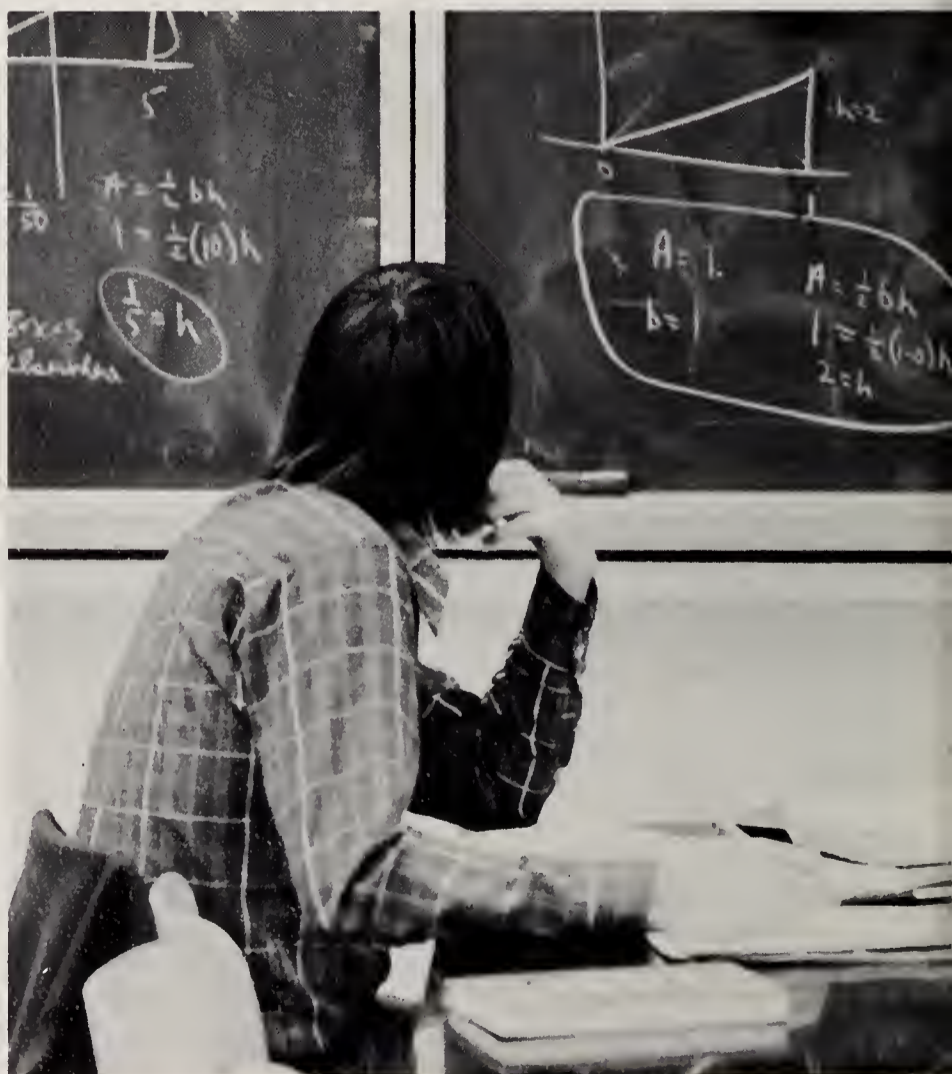


LEFT: Student works with sedimentation apparatus in Geology 4343 lab. ABOVE: Equipment used to slice mineral and rock specimens for optical mineralogy, Geology 3345, is demonstrated in lab.



ABOVE: Math student receives help from the math clinic which operated under modified system. RIGHT: Student of analytical geometry learns to express geometric parameters in algebraic expressions.

- | | |
|-------------------|----------------------|
| <i>Chairman:</i> | Bennie Williams |
| V. Lakshmikantham | Jacob Beard |
| Basil Wall | Dorothy Chesnut |
| James Shawn | Mervin Childers |
| William Beeman | Euda Dean |
| James Bolen | Danny Dyer |
| Jerome Eisenfield | Robett Foster |
| John Gardner | Joe Gilbreath |
| Harold Green | Arthur Gillespie |
| W. Hamilton | James Harvey |
| Larry Heath | Bill Hait |
| Ledlie Holland | Frank Huggins |
| Thurman Jasper | Wesley Mead |
| William Lawley | William Miller |
| Michael Lord | Merlynd Nestell |
| Charles Marshall | James Nicholson |
| A.R. Mitchell | Marian Paysinger |
| R.W. Mitchell | Gordon Shilling, Jr. |
| Marion Moore | Gay Turney |
| John Perryman | Eddie Warren |
| Stillman Sims | Kirby Watkins |
| Robert Tennison | Henry Wise, Jr. |



Mathematics

Dr. V. Lakshmikantham assumed the chairmanship of the mathematics department and, at mid-year, the operation of the 37-year-old university-funded math clinic was modified.

In an effort to "increase its effectiveness," Lakshmikantham outlined a plan which divided the clinic into certain hours for algebra, calculus and other math courses.

He planned "to separate the multi-sections so that the clinic could serve more than the 100 served before the change."

The clinic employed advanced math majors to help others in need of tutoring.

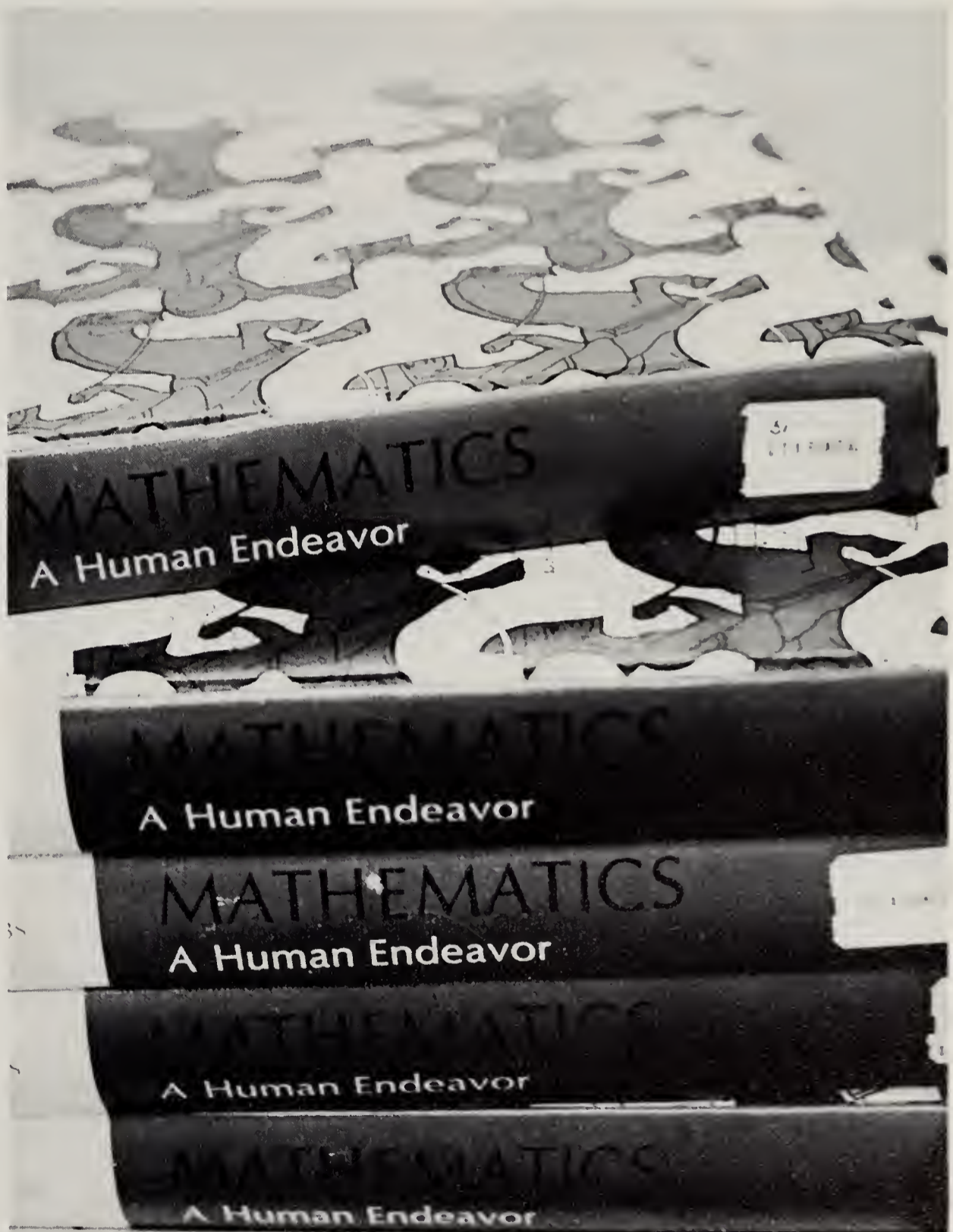
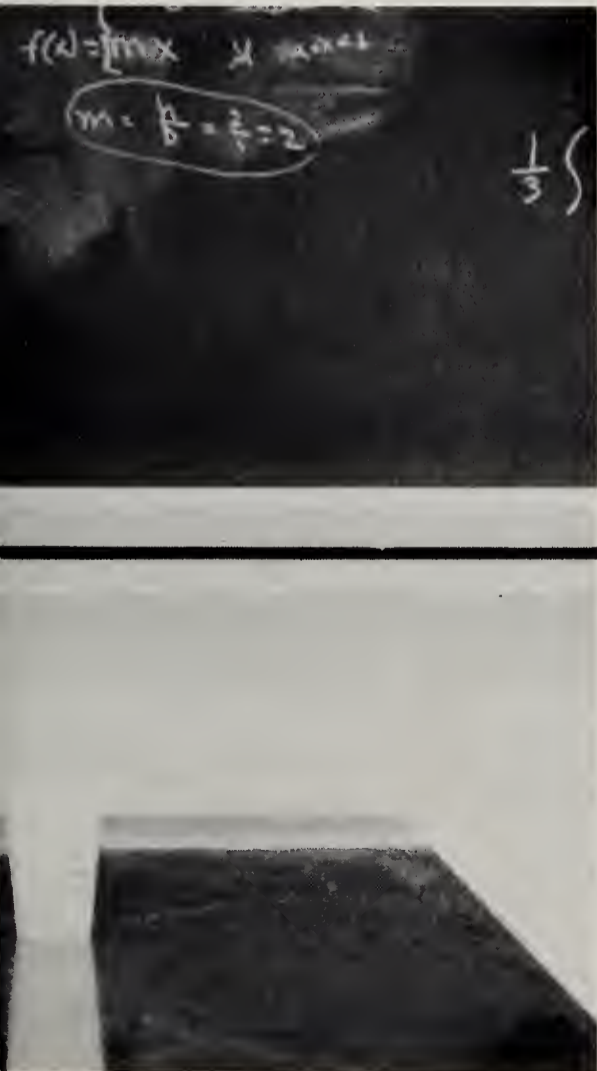
Dr. Jacob Beard introduced a new course in the fall, an elementary study in number theory. He also continued his ongoing research in graph theory and algebraic number theory.

Calling himself "one of the most avid users of the computer center on campus," Beard maintained office hours in a room stacked with volumes of computer printout.

His research entailed the study of matrix fields over finite fields and factorizations of polynomials over finite fields.

The projects resulted in four published technical papers and five more which have been submitted to mathematical journals for publications.

Among its other activities, the math department supported the Math Club, an organization open to all students regardless of major.

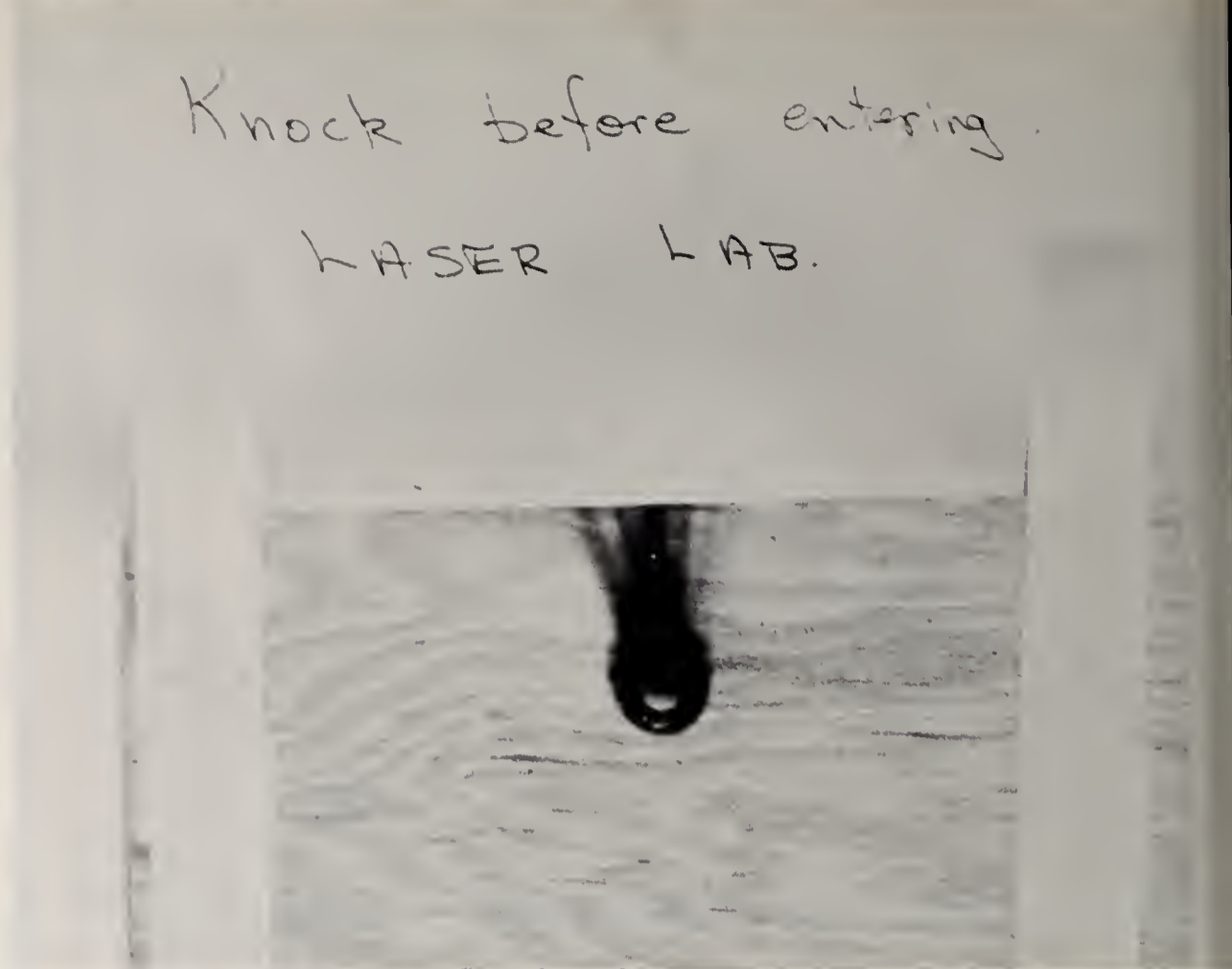


PHYSICS

Leading

The physics department underwent a rapid change of image. In the past, suffering from a stigma of intellectualism, this field of science has not attracted large numbers of students. Recently however, more undergraduates have elected to take courses in this area of study.

One of the major reasons for this upsurge in popularity has been the



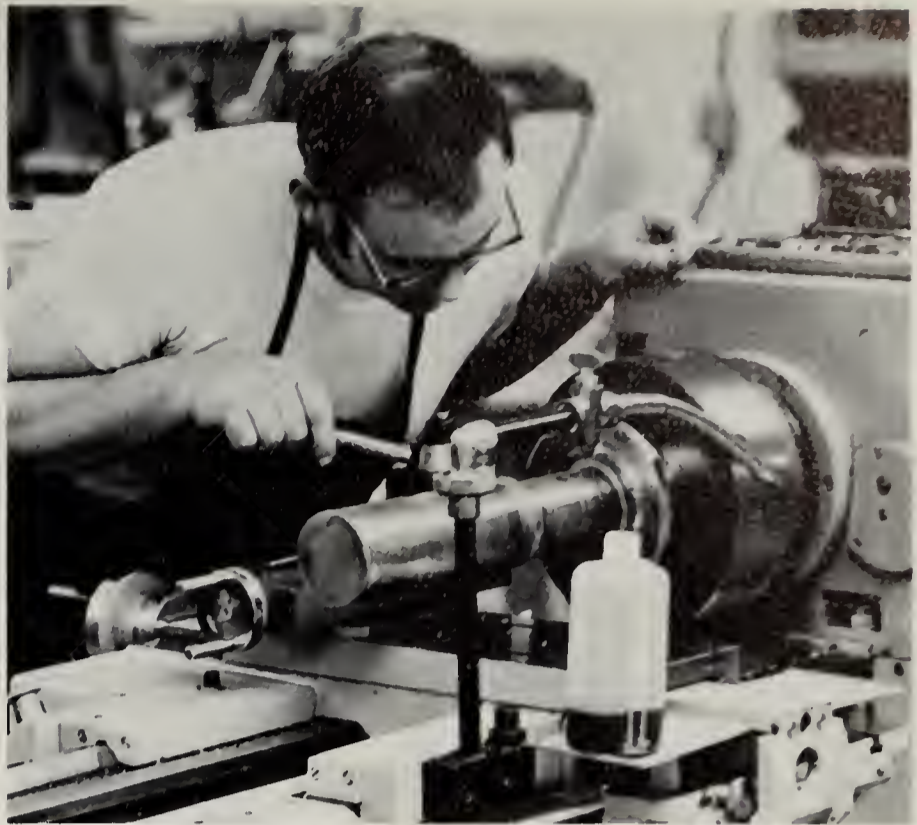
new astronomy course. According to Dr. Ulrich Hermann, associate professor, astronomy offers students the opportunity to personally observe celestial bodies which they study in the classroom. Students participated in outdoor field trips and found the appearance of the comet, Kohoutek, to be of particular interest.

So that other students might share in this once-in-12,000 years spectacular event, the department stationed telescopes around campus.

In addition to astronomy, the physics department offered courses ranging from introductory physics for liberal arts majors to such high-powered studies as thermodynamics and solid-state physics.

In order to appeal to even more students, the department offered a bachelor of arts degree in addition to the BS, MA and MS degrees. Dr. Louis Rayburn, chairman, felt the degree could be applied to any line of work, and at the same time, "help the individual better understand the world in which he lives."





LEFT: A sign that says something, loud and clear! RIGHT: Fresnel lens plays optical tricks. ABOVE: Tooling shop produces hardware used in physics research. BELOW: William Self discusses a problem during an advanced physics lab.



FORUM: College of Engineering

REVEILLE: Is the engineering profession significantly limited by the data base with which it must work?

HAYNES: I think engineering's biggest job today is trying to assimilate all the information available to us. As you know, this information is increasing exponentially. All disciplines of science are contributing a lot of basic information, some of which can be used right away and some of which might not be used for years, or ever.

Engineers are trying to bridge the gap between what scientists are discovering or innovating and what perhaps man really wants. I'd say we've got quite a bit of information. That doesn't say we have it all or all we'd like to have, but we've got quite a bit, probably more than we're really using at this time.

SALIS: When you talk of research and information, it becomes apparent that the engineer both generates and applies information. I think that the engineer contributes to the pace as he goes along as do a good many other people.

JILES: I think that the new challenge to engineers recently has been the development of a social conscience which in the past simply was not required, but is now. Therefore, for the first time we're having to deal with information in the area of the social sciences which has been kind of unfamiliar to us. We don't have the procedures set up to obtain and utilize that information to its greatest extent.

SALIS: Do you think there is a data base in the social sciences?

JILES: I think there is a data base. I don't know if it's adequate, but I think they have a lot more than we've been using.

REVEILLE: What is the general ratio between applied and pure research in the engineering profession?

FAIRCHILD: Ever since the Russian *Sputnik* was successful, we've been launched on this gigantic emphasis on math, science and engineering. There are many engineers engaged in more pure research than there are scientists doing so.

In terms of dollars, I think there's a lot of research

termed 'pure' research which is really applied. If you want to pin me down to a ratio, I would say that less than ten percent of the so-called research dollar is spent on pure research. Most of it has some applied base to it.

LOWERY: I think one of the problems we're faced with now is the information available as technological spinoffs. For instance, there is a lot of information which has become available because of the space effort. This information has already been bought and paid for, and yet much of it still has not been converted to an applied nature which most of the public can see.

I think the engineer has a very important function in utilizing this type of information.

REVEILLE: How then, with this seemingly adequate data base, can something like the present energy problems which we are experiencing sneak up on us?

SALIS: It just depends on who you're saying it snuck up on. Maybe it snuck up on the people who didn't want to pay any attention. Many people who are supposed to be very knowledgeable and politically aware, like the Shah of Iran, the President of the United States and the governor of Texas, from one day to the next deny there is a crisis and then turn around and say there really is a crisis. I think it's a crisis in politics, I think it's a crisis in the general population.

Probably any good petroleum or electrical engineer could have told you there would be a shortage of petroleum and electricity someday. Engineers are a very small segment of the population with very little influence. I think the ones who got snuck up on were those of us who use energy without thought, which is most of us.

JILES: We know how to produce energy. The engineers can make and produce energy. The question is will the public accept the methods? This is where it gets back into the social arena.

For example, we have the technology and have had it for some eight or ten years to build nuclear plants that produce enough electrical energy to run us for at least a century or two longer. No problem in getting the energy, the problem is will the public go along with the establishment of those kinds of plants? That is where the problem lies: dealing with the public.

LOWERY: That's a real problem. Just like solar energy, it's a very pertinent subject right now. Residential heating and cooling accounts for approximately 35 percent of the energy usage in the United States. The technology now exists to heat homes with solar energy, but



Andrew Salis, Dean, College of Engineering

the problem is, will society accept a non-conventional energy source with the aesthetic designs that would be required for solar installations? And what about wind power, people would probably object to having a windmill sitting atop their \$85,000 home. There are a lot of problems like this which are not strictly engineering problems.

HAYNES: Many people would not like for engineers to direct what this country does and establish its goals. I'm not sure who, if anybody, they would like doing this, but as a group, they wouldn't want engineers doing it.

At the same time, when something like the energy crisis becomes apparent to everyone, then they ask why didn't the engineers lead us away from this problem? Well, it's not our leadership role.

Whose role is it? Once somebody hires us, of course, we can solve the problem, but we work for money. We're crass like doctors and lawyers and everybody else. If nobody has hired us to work on a problem then we won't solve it because we won't donate our services.

FITZER: Being goal oriented, we got to the moon. We can do it and we've got the necessary technology. Maybe you have a goal to build a transportation system in Dallas. It can be done because there's no question about technology. The question is basically political, do the political leaders want to do this?

HAYNES: Some people don't want the political leaders to make decisions either.

FITZER: That's right. Quite often the solution, well like

passing a law saying that you can't drive your car in downtown Dallas. That's sort of negative thinking. We should conceive a system that's more attractive than automobiles. That's not easy of course. Automobiles are very attractive. Regardless of how much we bad mouth them, they're certainly good tools. The decision to initiate such a study rests with the body politic. To establish what the structure of the city of Dallas looks like is not basically an engineering function.

JILES: What all this means of course is that we need more engineering know-how in the planning and goal setting of society.

HAYNES: We stand ready now, and have stood ready for years, to take more of a leading role in goal setting than people are willing to give us. Maybe that's the right thing to do, maybe not.

SALIS: Speaking of the energy crisis, just the name crisis means a sudden rise of an event. Of course, this crisis is really a creeping crisis. In 1939 you could buy gasoline for 10 cents a gallon in Washington, D.C. or East Texas. Now it costs more.

A price is a price for engineering effort, for management effort, for whatever it takes to find it and deliver it to the public in a usable form. The energy crisis is somewhat a crisis of money and willingness to put the effort into getting it.

JILES: I think a good illustration of how the public gets wound up in this is the Alaskan pipeline. They found the oil reserves, it's a big field, and they knew there was a lot there. We had to spend three years studying the ecological effects on the caribou and 5000 Eskimos of bringing that line down across Alaska and we were still studying it, of course, until all at once the Arabs shut off the oil. Once that happened then we came to grips with the problem. We have an oil shortage and the prices started up. It didn't take us long to decide that we could authorize the Alaskan pipeline project.

I think we kind of work out of necessity. Until there is a necessity, the public is very slow to do this sort of thing.

FAIRCHILD: I was just going to add something onto the general gist of the engineer's role in society. There's an excellent book, *The Revolt of the Engineers*, which traces the history of engineering professionalism. It's quite amazing, because if you look in there you will find out that professional societies in the 30's took a very active social role.

The engineers were concerned about conservation,



they were concerned about the chemical companies dumping all the stuff into the rivers, they were concerned about conserving natural resources, they were concerned about, as most engineers are, making all processes more efficient. They were starting to move into this leadership and goal setting area.

That's when two things apparently came in to limit this. One was the general public's suspicion of intelligent people. They could fear the United States being run by a technocracy where intelligent engineering and science oriented people were making all the decisions and this frightened the ordinary person.

The second thing was that a lot of the goals that the

engineers wanted started running counter to the commercial interests of the, for instance, mining companies. The engineering societies were saying, "Look Joe Doke's mining company, you shouldn't be processing things like this. You're ruining the rivers and streams." The management of the company said that to correct these problems would cost too much money. The end result was a conflict between organized engineers and management. There was no contest.

Professional societies today have a very diminished role in this type of work. They were generally, until very recently, satisfied to serve as technical information dissemination societies.

'We can start to exert some influence . . .'



LEFT: Charles Jiles, EE. ABOVE: John Haynes, CE.

I was surprised to see that back in the early 40's, the American Society of Civil Engineers actually voted in favor of bargaining rights for engineers, which in this day and age most professional engineers would look with horror on; my God, this smacks of trade unions!

Some of these attempts at moving the engineer up to leadership roles really aren't new, it's just that they haven't been very successful.

Engineers in general probably wouldn't have the perseverance to continue and fight the politicians or fight the business leaders where there is a conflict and we've been unsuccessful and kind of given up. In that sense we probably could do better.

HAYNES: One of the old sayings that you often hear is that advice is a cheap commodity and the reason it's so cheap is there's no demand for it. Nobody wants to hear our advice.

HULLENDER: There's another aspect also. That has to do with what we consider to be convenient and comfortable to us. For example, our urban vehicle just returned from Los Angeles. Putting the pencil to some of the performance data that they achieved out there, we could drive that Datsun around in the city at a cost of one third what it would take to drive a car around that would get fifteen miles per gallon. This was strictly based on fuel. Not only that, but we found that we could still meet the 1976 emission standards.

We're not only solving our pollution problems, but we are reducing the total fuel requirements by a factor of three. Yet, I believe that if you put those alternatives before the general public, I don't think they would be appreciably swayed in their buying habits.

REVEILLE: Is there an effort currently being made to

place the engineer in more of a leading rather than following role. Perhaps a resurgence of the spirit of 1930.

SALIS: One of the main handicaps of an engineer being a leader, other than in his private life, is the fact that most of them work under the direct influence of a well defined employer. So, most engineers work in pretty well defined limits.

I think that in engineering design or thought you're in a competitive market. It doesn't leave much room for innovation unless it reduces cost or adds to the glamour appeal of the thing.

Regardless of where the engineer works, he'll find fences around him sooner or later if he roams too far.

I think that the leadership role is exerted in things outside of the work area. For instance, in Miami, when they were proposing to build this large airport I guess in a part of the Everglades, a major leadership role was played by engineers. One whom I know of was the dean of engineering at the University of Miami, and they succeeded in convincing the leaders in the area that the airport wasn't such a good idea.

I think that all of us should adopt roles like that. Many of us here today have taken positions on issues of concern to the Dallas-Fort Worth area, but it's hard to do as a corporate employee.

JILES: There has been of course, through the societies, some organized effort. Like the IEEE three years ago. There must be about 140,000 United States members in this group. We had a national referendum regarding the creation of a political arm within the group. The vote was in favor of creating it and it was done. Now, through the national organization, we can start to exert some influence, but that's awfully remote to a single member of the group. However, the fact that they would even create a political arm is significant I think.

HAYNES: A fair-minded press gives service to all sides of an issue. Journalism seems to have an obligation to do this.

If Dave gets good publicity on this economical vehicle, that'll make the newspapers. At the same time, there can be a report expounding on the great advantages and comfort of a Cadillac.

LOWERY: As far as selling the public, I think considerable effort and success has been made in these areas just in the last five years. The ecological considerations which people are having for the first time which are im-

'Let us not jump to hasty solutions . . .'

portant as far as pollutant restrictions, for example.

I think there's been a new awakening in the United States and I think this will only help engineers. It will help the public accept some changes that perhaps wouldn't have been accepted as easily a few years ago.

SALIS: I wonder if the general public, not as engineers but just as people, if you took a referendum and said that you could produce gasoline in a way that wouldn't harm the environment, but was going to cost twice as much. I'm suspicious that the public would then vote against these things, which, in my opinion, would be wrong.

I think all of us end up working according to the specifications that the rest of us put on something. If the demand is high for copper, we don't really care if they plow under Chile in the process of getting it. I haven't ever heard of anybody worrying about that here. We really end up doing these things as people want them done.

JILES: It almost always gets back to the dollar, too.

HAYNES: There are a lot of engineering innovations each month. There's probably a water treatment plant opening today that's the most efficient one ever. There's probably a television set coming off the line cheaper and better than any produced to date.

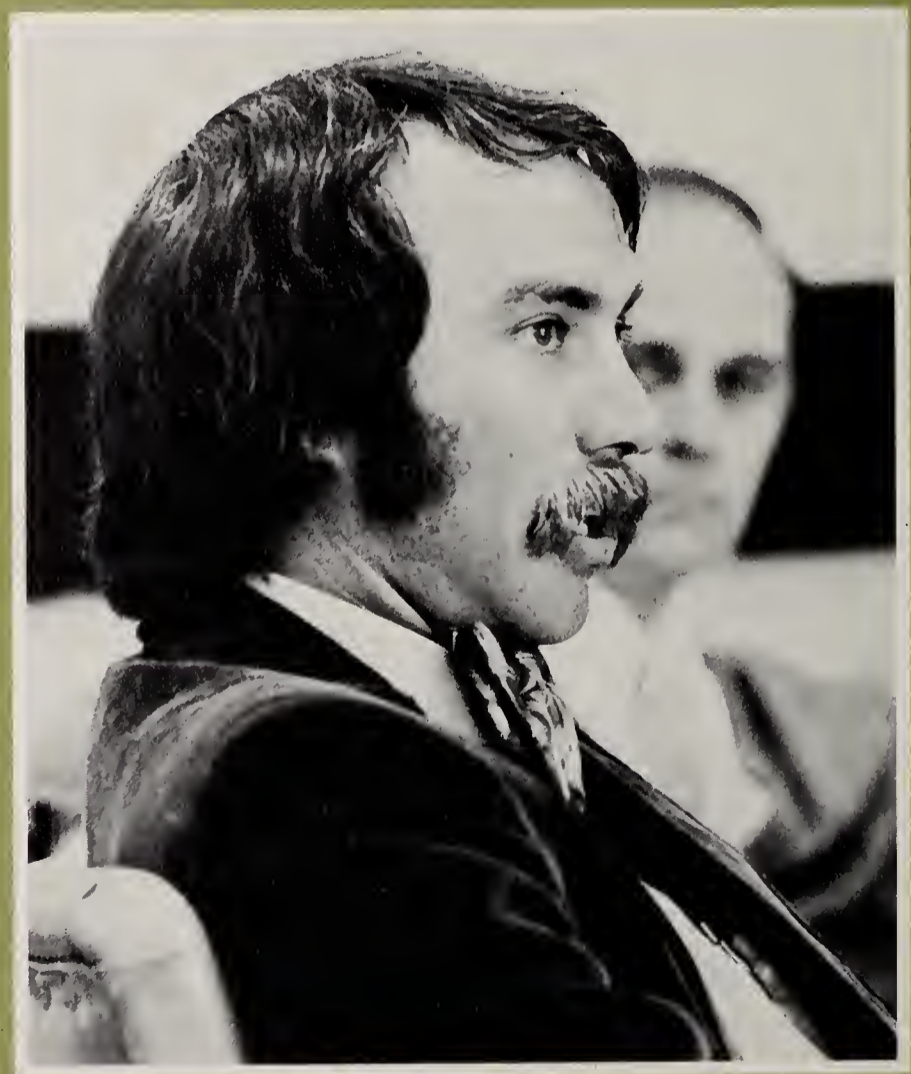
But each of these things was done within some kind of constraints.

JILES: A good example of this is how a company develops a new product. The first thing they do is a market survey. They find out what the demand will likely be and what their permissible cost or sales price will be. This sets constraints on how the gadget is developed. A color television set that costs over a thousand dollars is not going to sell. If it's eight hundred dollars or less you can sell it. We might be able to make a super-duper one with no X-ray emission at all for \$1500, but that's aca-

demic. Nobody is going to buy the thing.

SALIS: In the 30's Chrysler came out with a Terra-plane, which I presume was an aerodynamically sound car. It was a nice car but it didn't last. In the 40's Studebaker came out with a very nice small lightweight car. It didn't stay. Of course, there have been others, like the Kaiser Junior and the Crosley.

A lot of people are saying now, why don't those stupid auto manufacturers make more small cars? They all tried. So now, for a different reason, the cost factor, I'm beginning to think of trading my big Chevrolet for something that uses less gasoline.



Gerald Lowery, ME

REVEILLE: Many people view American products as technically inferior to their foreign counterparts.

JILES: I'd like to disagree. I don't think we have poor quality. For example, the director of the German Volkswagen works was talking to one of the NBC reporters here a couple of years ago. This was when the United States first started small car development to compete with the Volkswagen. The question was asked to this man, "Do you think that the Americans will tend to put the Volkswagen out of business?" His answer was, "No, we're not worried about it." He said Chevrolet and Ford were luxury cars. He said they don't even aim at that market. They aim at a much lower priced market with a much inferior car.

So, I think we put out quality products. For example, if you go to Sears to buy wrenches, they have two classes of wrenches. They have their commercial Craftsman series and they have the cheaper ones. They hardly even stock the commercial ones in the store, because the average person doesn't want to pay for a good wrench. He'll buy the cheaper one.

REVEILLE: We've come to a point where the consumer needs a watchdog.

FAIRCHILD: I think that's a role that engineers might take on, education of the public through professional organizations. It's going to cause some confrontations with their bosses.

I guess I have two attitudes. One is, I think that the public ought to be smart enough to want to know all these things so they can make an intelligent choice. Unfortunately they don't, so I think the two sides of the coin are if you were to provide this information, would it be used?

I'm skeptical that the majority of people would use it.

There are products available like you mentioned with mechanic's tools at Sears. The average consumer will go through several wrenches before they realize it's cost effective to buy a good tool.

There doesn't seem to be any appreciation of quality in the marketplace.

HAYNES: Earlier in this conversation we made some statements to the effect that we can do anything. We stand ready to do it, but we've got some problems which we can't solve either. For instance, sending three men a million miles in the space program is a far different problem than sending a million men three miles to work each morning.

SALIS: I guess when we get down to it, many of our actions are limited by politics, money and public opinion.

JILES: A former New York City manager was at Kiwanas one day, it was noon and someone said something about this. He says gosh we've known how to do a better job of sewage treatment for a number of years. He said that if you would just increase the sewage rate from two dollars to six dollars a month we'd do a superb job. And he was right of course. We wouldn't pollute the Trinity any more here if we could do that.

HAYNES: This same guy once calculated the pollution effect of all the travel in New York City if we went to horses instead of cars and subways. He had so many tons of horse manure and so many thousands of gallons of horse urine and all that calculated too. It was kind of appalling.

Let us not jump to hasty solutions to old problems I guess would be the moral of that story . . .



Jack Fitzner, EE

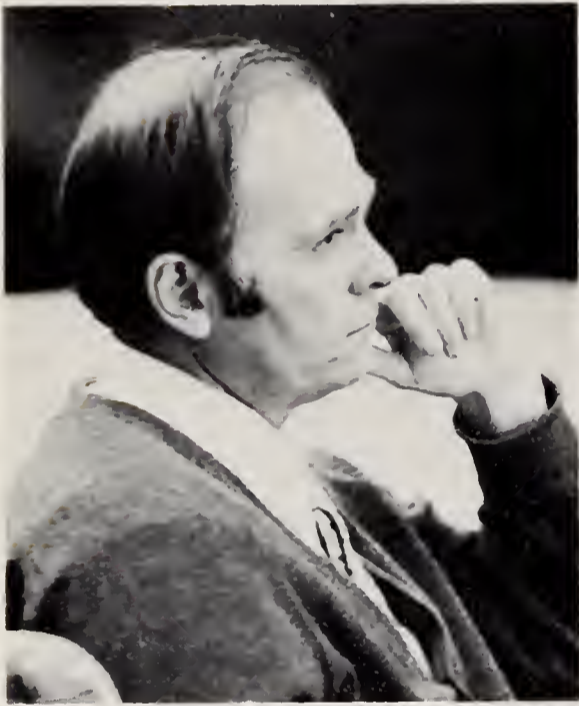


Jack Fairchild, AE; David Hullender, ME

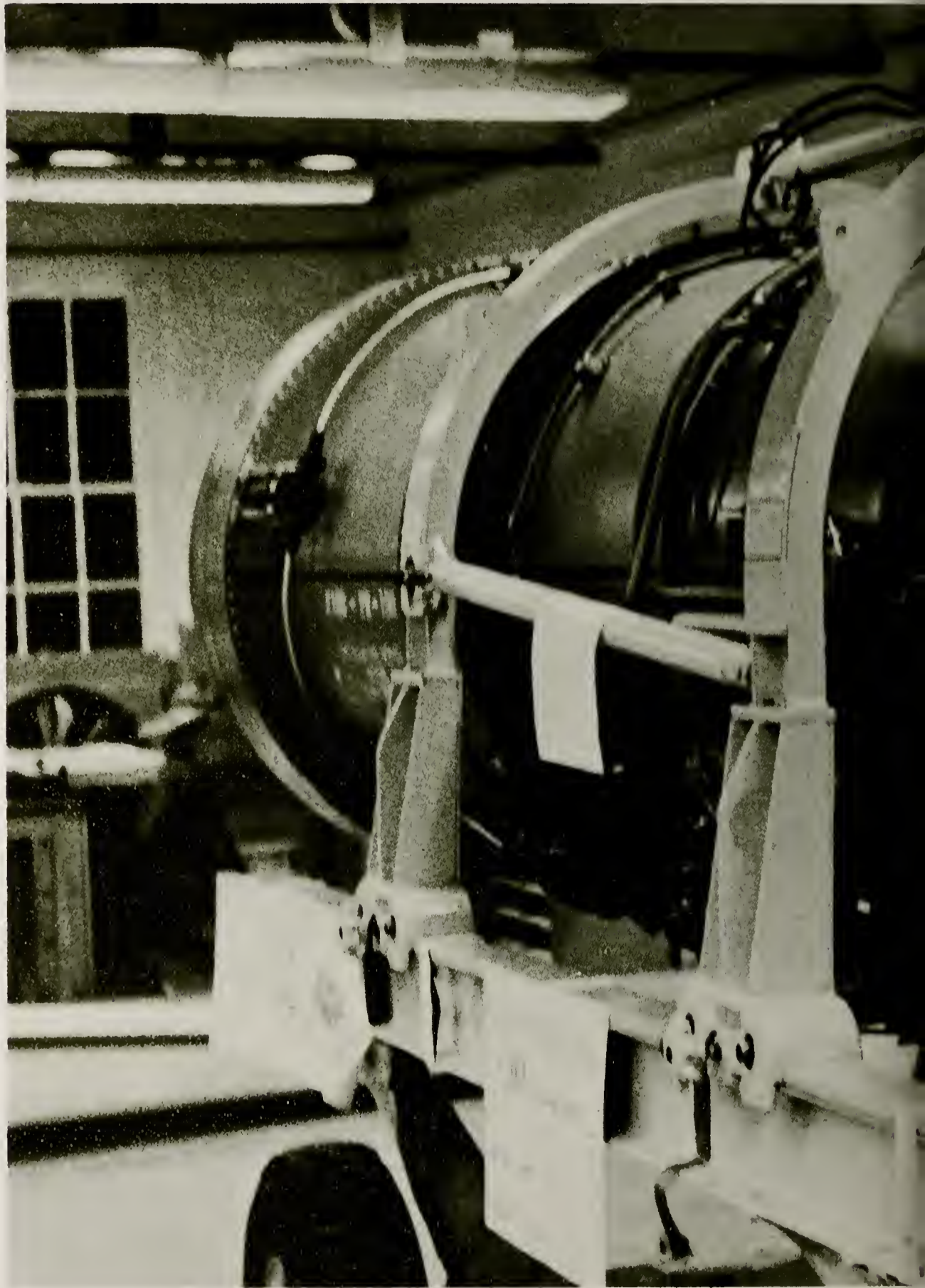
acting
chairman:
D.D. Seath
J.W. Dalley
J.E. Fairchild
J.H. Gaines
F.R. Payne
J.J. Stanovsky
D.R. Wilson



Aerospace Engineering



UPPER RIGHT: Aerodynamics of wing design are a prime consideration in airplane prototypes. LOWER RIGHT: A jet turbine engine is displayed during open house. ABOVE: Jack Fairchild, professor of aerospace engineering, teaches dynamics of flight.





Dr. Jack Fairchild, professor, started a project to determine the sources of power requirements for trucks and buses in order to correlate emission and fuel consumption characteristics of competing transportation systems.

Fairchild said his work could bear implications on future truck and bus designs as well as possible traffic restrictions on vehicles.

Two other pollution-related studies were carried out by Dr. Fred Payne. In one project, he gathered

velocity and temperature profile data, plus humidity information, to arrive at a basis for a local pollution production model. The study would hopefully make it possible to give "early warnings" to industry on possible pollution incidents.

Two AE organizations hosted conventions here in the fall and spring. Sigma Gamma Tau and the student chapter of the American Institute of Aeronautics and Astronautics hosted meetings of their regional members.

In efforts to appeal to students other than AE majors, the department opened up two new courses in the spring. Operational Aerodynamics, one of the two, was designed to appeal to persons interested in the operational aspects of aviation. The other new course, Pollution of the Environment, dealt with the physics and politics of contaminants.

An airplane tragedy at Greater Southwest International Airport involving a DC9 and a smaller aircraft prompted Dr. Donald Seath, associate professor, to initiate a wake vortex study, one of several projects conducted in aerospace engineering.

Seath and his graduate students used the department's wind tunnel to study the hazards of small planes flying in the wake vortex behind larger ones, which is what caused the accident at Greater Southwest.

In a different, totally student-operated research project, several AE majors began work on a remote-piloted plane during the summer.

According to Seath, the craft was built with a 12-foot wing span and looked like "an enlarged model airplane."

Air pollution was also a topic of emphasis in the department. Faculty members conducted three separate studies relating to pollution.



Civil Engineering

The civil engineering department researched many areas, such as one which will make for stronger and more secure foundations in residences and multi-story buildings.

As a result of experiments conducted by graduate student Howard Nedderman, a new high-strength concrete was developed that could more than double the strength of concrete buildings.

Problems arising when making high-strength concrete are the low temperatures needed. When water reacts chemically with the mixture, heat develops causing the chemical reaction to proceed at such a rapid rate that the mix becomes stiff and unworkable.

To reduce temperatures to the extreme needed, Nedderman found using crushed ice slows the chemical reaction, allowing more time to place the concrete in forms.

Most buildings are constructed with concrete capable of withstanding a stress of 4,000 to 5,000 pounds per square inch (psi). In multi-story buildings, 9,000 psi concrete is the strongest type used. It reaches full strength in 28 days.

With the addition of crushed ice, the concrete made by Nedderman has a compressive strength of 11,400 psi in seven days. At the end of 28 days, it can attain 13,000-14,000 psi strength.

The high-strength concrete will minimize problems of deflection and creep (a time-dependent deformation of the concrete.)

Dr. Richard Tucker researched residential foundation behaviors. Results and implications so far have indicated that foundation cracking is due to slow movements below the residential foundations.



For their projects and community services to the metropolitan area, the UTA chapter of the American Society of Civil Engineers (ASCE) received a certificate of commendation from the Texas section of the ASCE.

Degree of variety of the chapter's activities, quality of programs and presentation of projects for the community were all taken into consideration for the honor.

Because civil engineering combines scientific know-how with an appreciation and understanding of the social concern effected, the department continued to grow and expand its course offerings.

Two new courses were Pollution of the Environment and Pollution of the Atmosphere and Ocean. Both dealt with the physics and politics of contaminants produced by technologically advanced societies.

LOWER RIGHT: Observation and measurement are important in lab. LOWER CENTER: Stress patterns are projected on overhead projector during Open House. LOWER LEFT: Microscopic examinations of structural materials are made. UPPER LEFT: CE students survey part of the campus in a lab exercise. UPPER RIGHT: Chemical analysis plays a part in many fields of engineering.





chairman:
N.J. Everard
W.H. Nedderman
J.E. Caffey
J.J. Haynes
T. Huang
F.M. Smith
R.L. Tucker
A.R. Poor
S.R. Qasim
D.M. Clark
Max Spindler
R.L. Yuan



Electrical Engineering

With so much emphasis on the energy crisis, electrical engineering had the potential to be one of the most influential departments on campus. It reflected that potential in timely studies, seminars and on-campus conventions.

The department, under the guidance of Dr. Floyd Cash, brought energy expert Dr. Herbert Woodson, chairman of the UT at Austin EE department, to speak at the sixth annual Transmission and Substation Design and Operation Symposium in September.

The symposium featured presentations of technical papers by authorities on many aspects of transmission and substation design.

In May, Dr. K.R. Rao oversaw a short course, Thermoelectric Devices and Their Applications. The course familiarized the engineering, scientific, medical and academic communities with the principals and physical processes of that field.

During July '73, Dr. Mo-Shing Chen organized a short course in systems analysis. In addition, he has been a nationally prominent speaker at technical meetings and, as a result, published many technical papers dealing with power systems.

Other important studies by individuals on the 14-member faculty included Dr. Alfred Potvin's research in biomedical engineering and a study in magnetic levitation by Dr. Charles Smith.

A unique set-up in EE that proved successful in the past and was utilized again was the visiting professor program.

"These are people with strong national and international reputations," said Cash. "We have one each year, arriving in June and leaving in June of each year."

Atsushi Fukutomi from Japan, the fifth visiting professor, worked in the area of power systems, as have his predecessors.

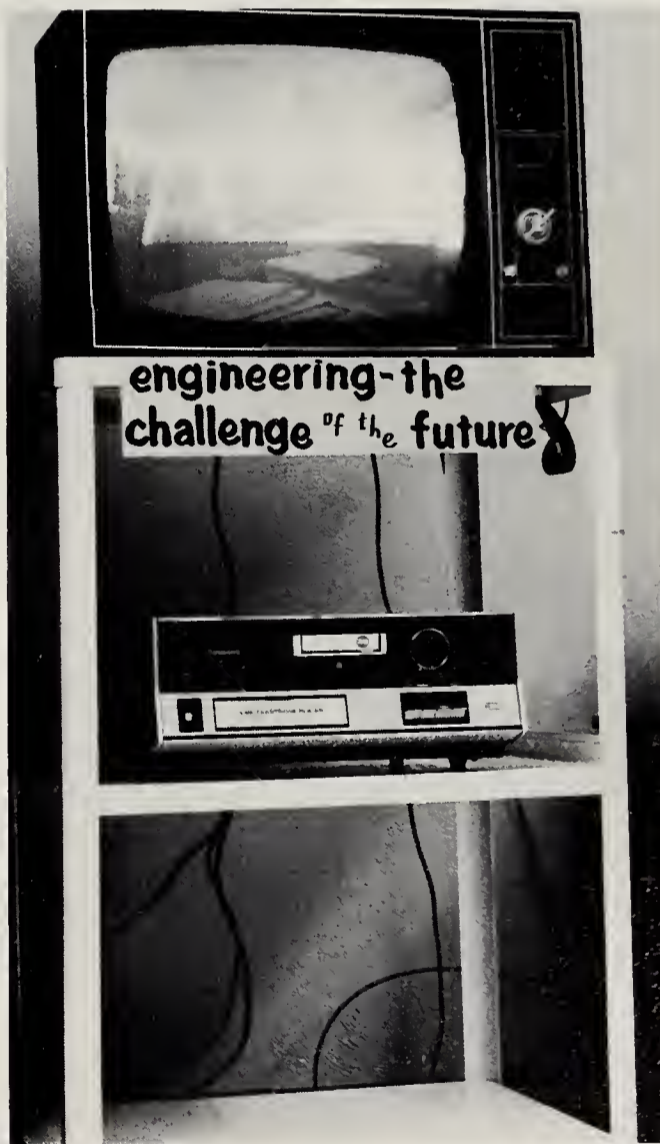
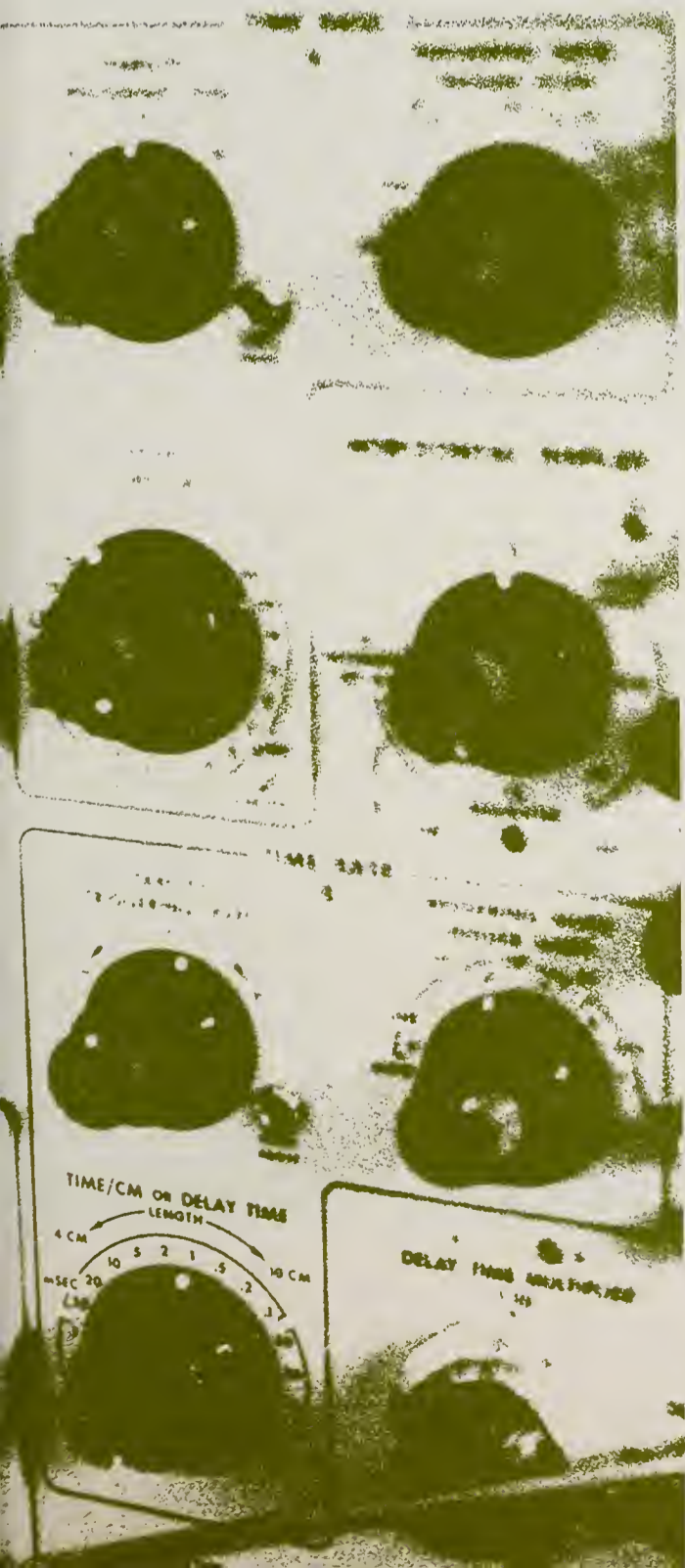
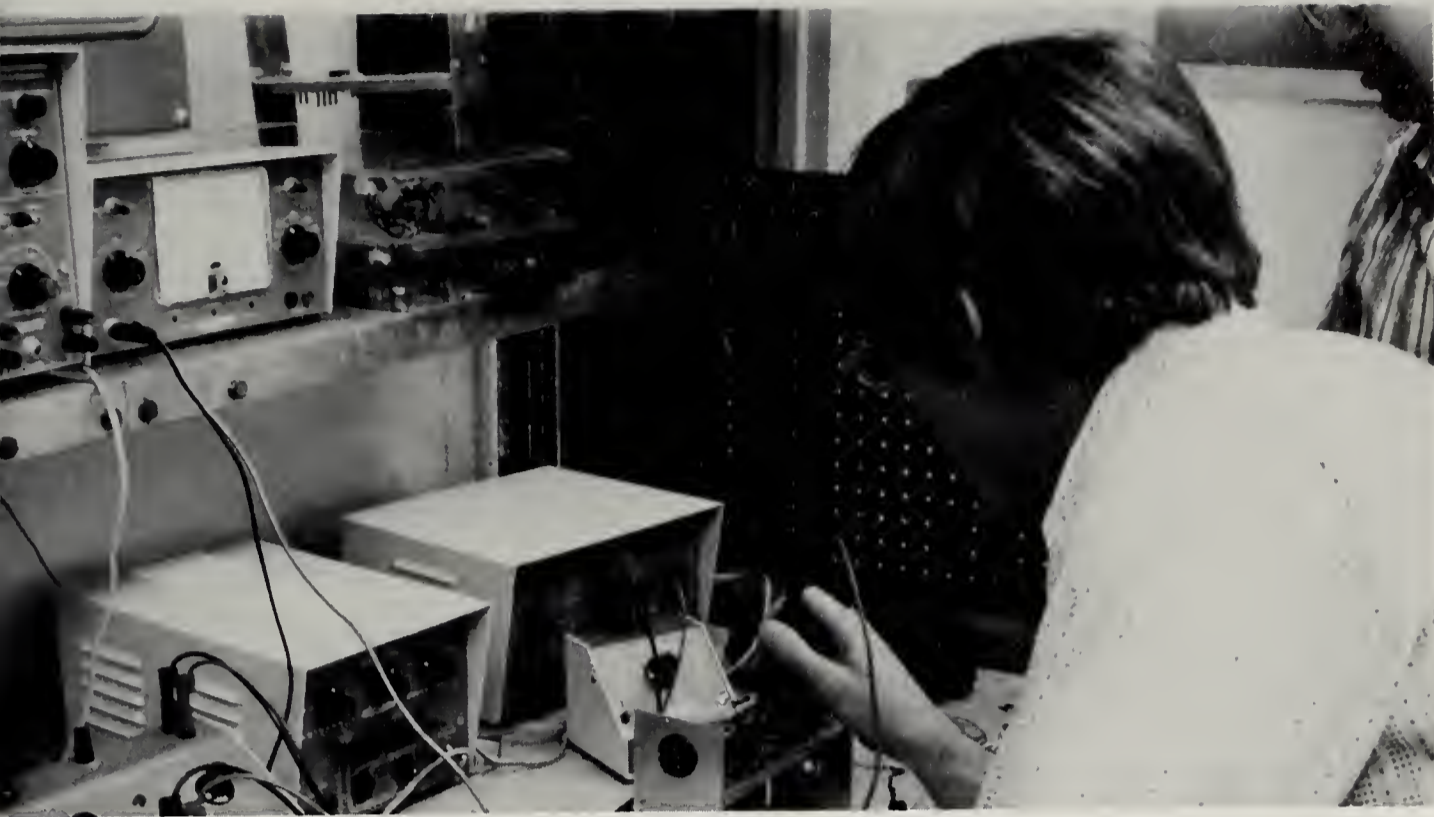
"His presence enabled us to keep up on developments over there," Cash said, "and also to offer courses that we might not otherwise be able to offer."

One new course dealt in transmission lines and was taught by Dr. Broocke Eubank. Continuing to gain acceptance was Dr. Joe Spradlin's Electronics for Scientists course. Because it required no technical background, the course remained popular with non-engineering majors.



chairman:
F.L. Cash
A.E. Salis
M.S. Chen
S.F. Crumb
C.W. Jiles
K.R. Rao
J.D. Spradlin
Jack Fitzer
J.W. McConnell
A.R. Potvin
C.V. Smith
D.L. Cannon
W.E. Dillon
J.B. Eubank
A. Fukutome





FAR LEFT: Beginning EE majors participate in labs designed to acquaint them with the basics of electricity. TOP: Use of instruments in examining circuit design and function is one exercise used in the laboratory. ABOVE: Open House visitors could view themselves on closed-circuit TV.

Industrial Engineering



chairman:
F.A. Meier
J.N. Fox
M.L. Pierce
L.E. Stanfel
H.W. Corley
R.D. Dryden
E.M. Pape
K.A. Schember
R.S. Walker
J.B. Harvill

Environmental research projects toplined the studies conducted in industrial engineering.

Under the guidance of chairman Dr. F.A. Meier, Dr. John Fox and Dr. Herbert Corley, approximately one third of the Department of Transportation-Urban Mass Transit Grant was supervised through the IE department.

It funded investigations of such problems as maintenance and management of urban transportation systems and reasons people do or do not choose to ride them.

Fox conducted an environmental

biotechnology lab. This lab utilized an environmental chamber capable of producing temperature environments ranging from 20 to 120 degrees F.

"This chamber allows us to study and observe the effects of changing environmental factors on human performance," Fox said.

The department also maintained a chamber which could create relative humidity levels from zero to 100 per cent. It was also used in human performance research.

Along the same line, Fox operated a physiograph, a set of in-

struments used to measure physiological features, such as a heartbeat, and correlate them to changes in the environment.

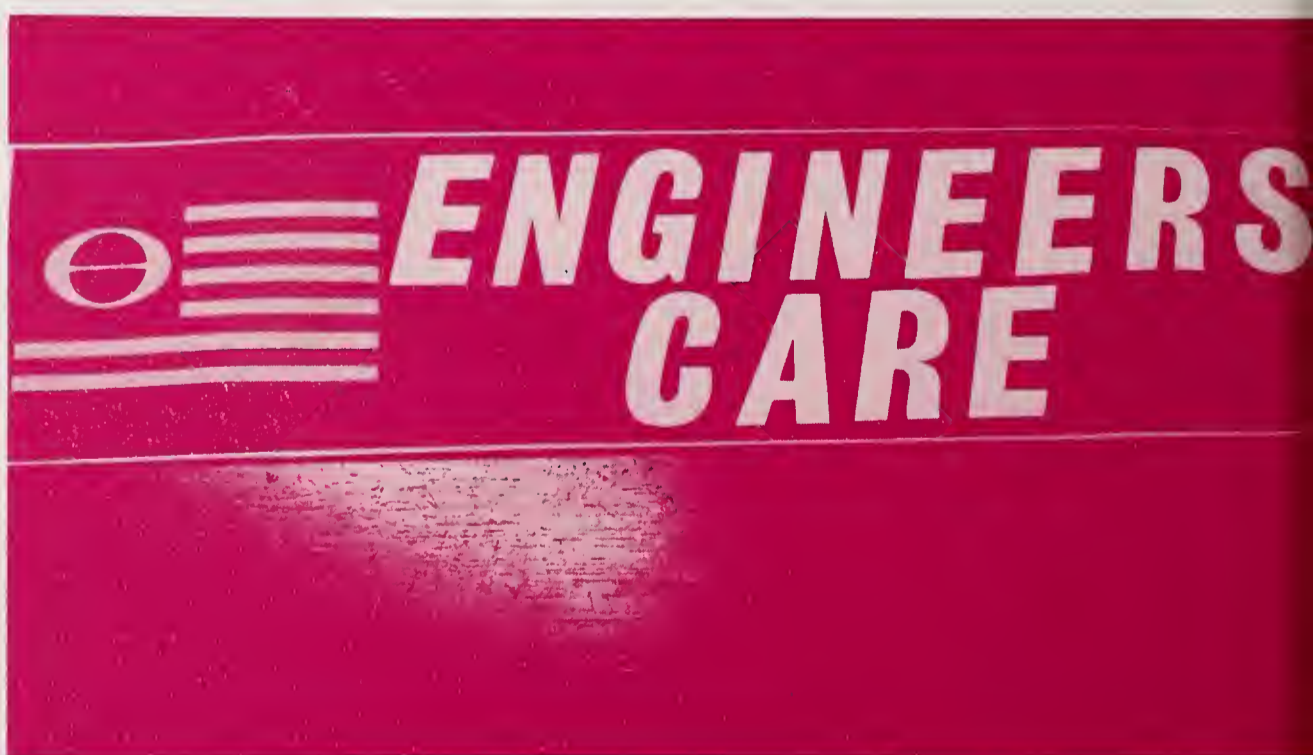
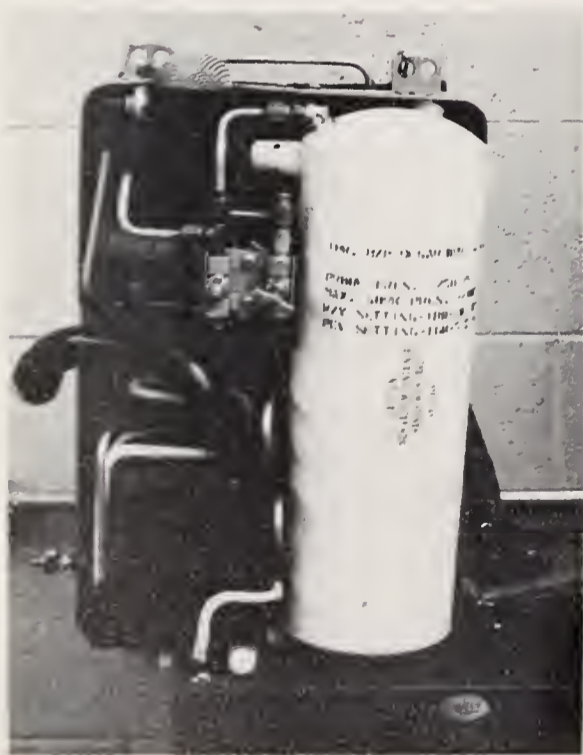
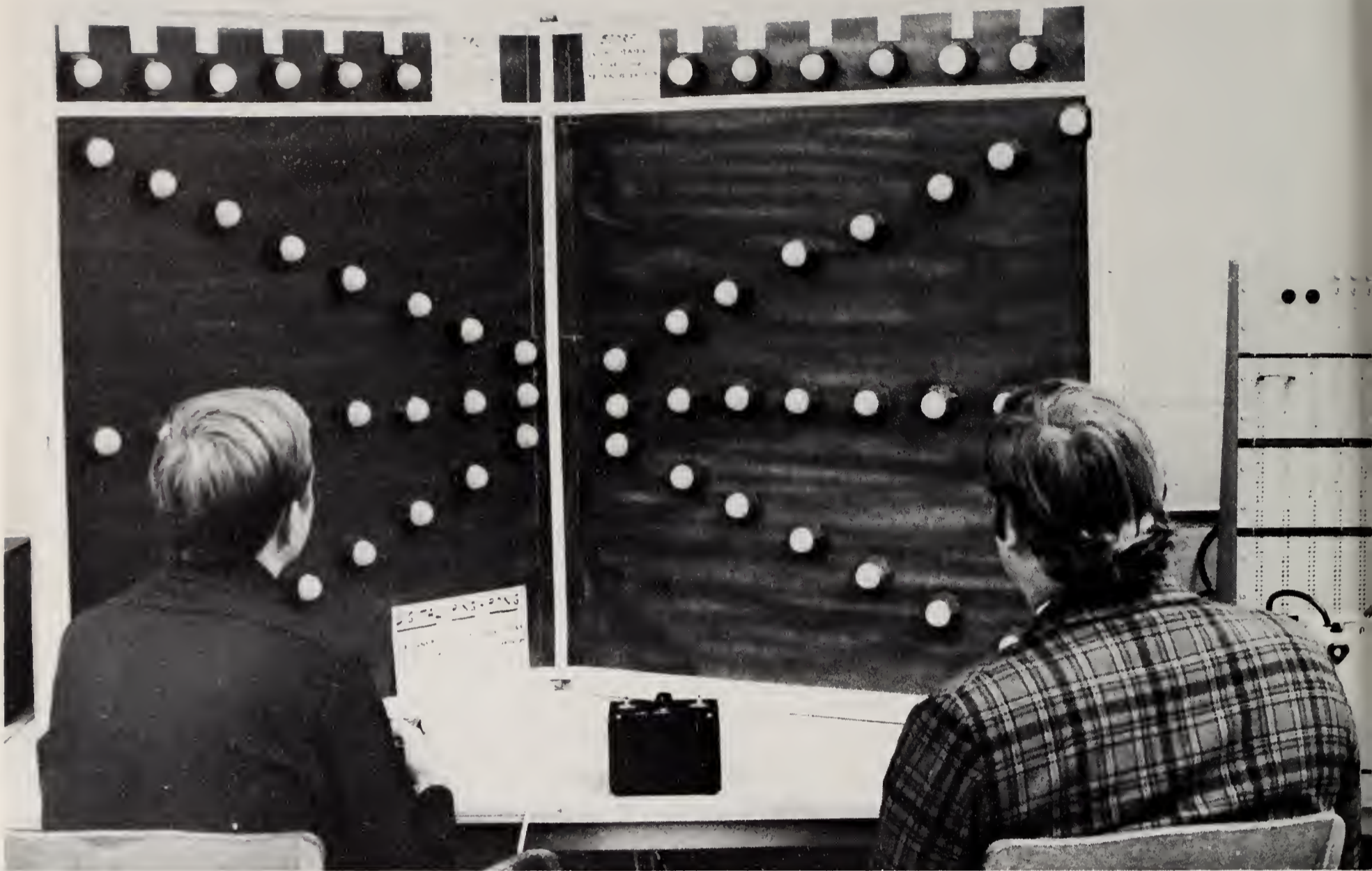
Another member of the faculty, Dr. Larry Stanfel, completed a two-volume work dealing with an "undergraduate approach to a quantitative analysis of problems encountered in technical and business situations."

IE students were offered many diverse opportunities in the metroplex, especially with the January opening of the new Dallas-Fort Worth Regional Airport.



FAR LEFT: Students monitor and record vital signs while subject walks on treadmill. LEFT: Laboratory studies play an important role in the student's education. BELOW: Classroom study provides theory which is later applied in the lab. ABOVE: Small groups work together on special laboratory projects.





Mechanical Engineering



One of the main objectives of mechanical engineering was to expose the student body not only to the many faces of ME, but also to many other related human problems.

A 50-member group of engineers, Students Against Fire (SAF), believed something should be done to improve the lot of firemen, whose basic equipment such as the familiar long-brimmed hard hat, canvas waistcoat and clumsy galoshes, has not changed in 50 years.

The group designed a new lightweight suit which will give protection, communications and relative comfort as well as a 30-minute supply of life-giving air.

"Firemen need better equipment all down the line, from axes to fire trucks," said Bill Springer, senior president of SAF. "We believe this new suit system will be a major improvement."

The SAF team entered the system in the national Student Competition for Relevant Engineering in March. The competition included innovative firefighting equipment and techniques from more than 100 colleges and universities across the country.

"It was obvious the team had to find ways of protecting firemen against smoke inhalation, heat prostration and the frequent injuries occurring not only from flames but from falling debris as well," said Dr. Tom Lawley, faculty advisor and assistant professor of mechanical engineering.

The entire system will consist of fire-retardant suit, enclosed helmet, backpack air unit, gloves and boots.

The backpack will contain air liquified at temperatures of 280 degrees below zero. This super-cold air, compressed into a small container on the fireman's back, will provide air for breathing and air conditioning within the suit.

"It won't be springtime inside the suit, but the maximum temperature of 100 degrees will be a lot more comfortable than the outside temperature," Springer said.

"Projects such as this one give the students real-life engineering problems to solve and they really get wrapped up in their work," Dr. Lawley said.

Other faculty members involved with research projects were professors C. D. Wiseman and R. E. Goforth who determined casting methods and properties of simulated moon rocks.

<i>chairman:</i>	K.L. Lawrence
C.W. Files	C.D. Wiseman
J.R. Woolf	R.M. Johnson
G.E. Smith	D.A. Hullender
C.L. Barker	T.J. Lawley
C.C. Blackwell	G.W. Lawery
A. Haji-Sheikh	K.R. Young

UPPER LEFT: During Open House, visitors had an opportunity to try their hand (and their brains) at digital ping-pong. LOWER LEFT: Air backpack unit for use with SAF firesuit. UPPER RIGHT: New firesuit designed by SAF is displayed.

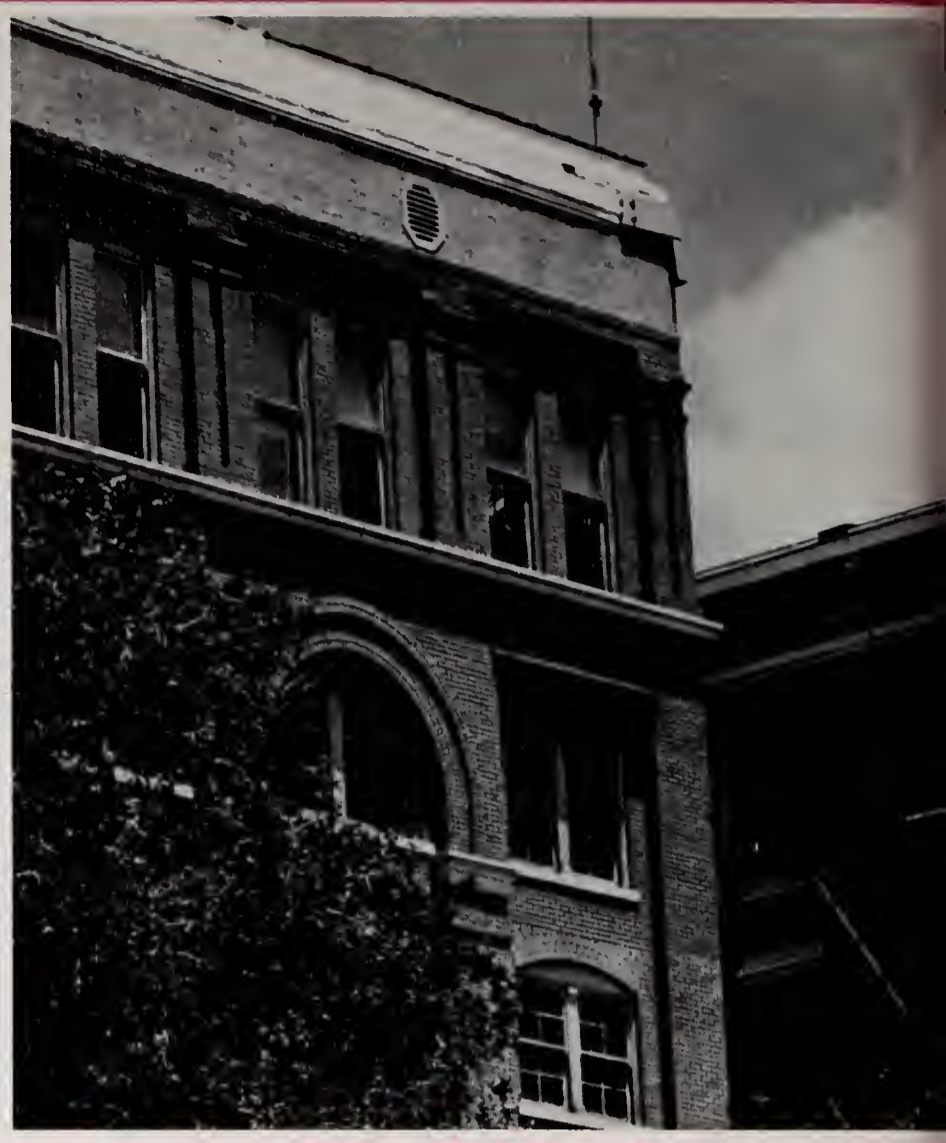
Big City Offers Contrasts

Editor's note: Originally, the following six pages were to contain a fifth forum interview with Urban Studies and the Graduate School of Social Work. Due to scheduling difficulties, the interview was not held.

In its place we present, without apology, Portrait of a City: Dallas, Texas. The photographs which follow represent photographic "glimpses" of Dallas taken by staff photographers from the back of a pick-up truck. If we were brazen, we'd probably have titled the selection Tailgate Takes of a Texas City . . .









A City With Hope . . .

Dallas, unfortunately associated with the world's most serious urban crime: the assassination of President John F. Kennedy in the fall of 1963. Bullets from a book depository's sixth floor resounded around the world.

City inhabitants live with crime which, depending upon whose statistics you're quoting, is either on the rise or decline. Regardless, it's there.

The city is a collage of streets, people, crowds, cars and things. A million living and non-living things conglomerated in seemingly random order.

That random order is the heart of urban living.





. . . *That Needs Help*

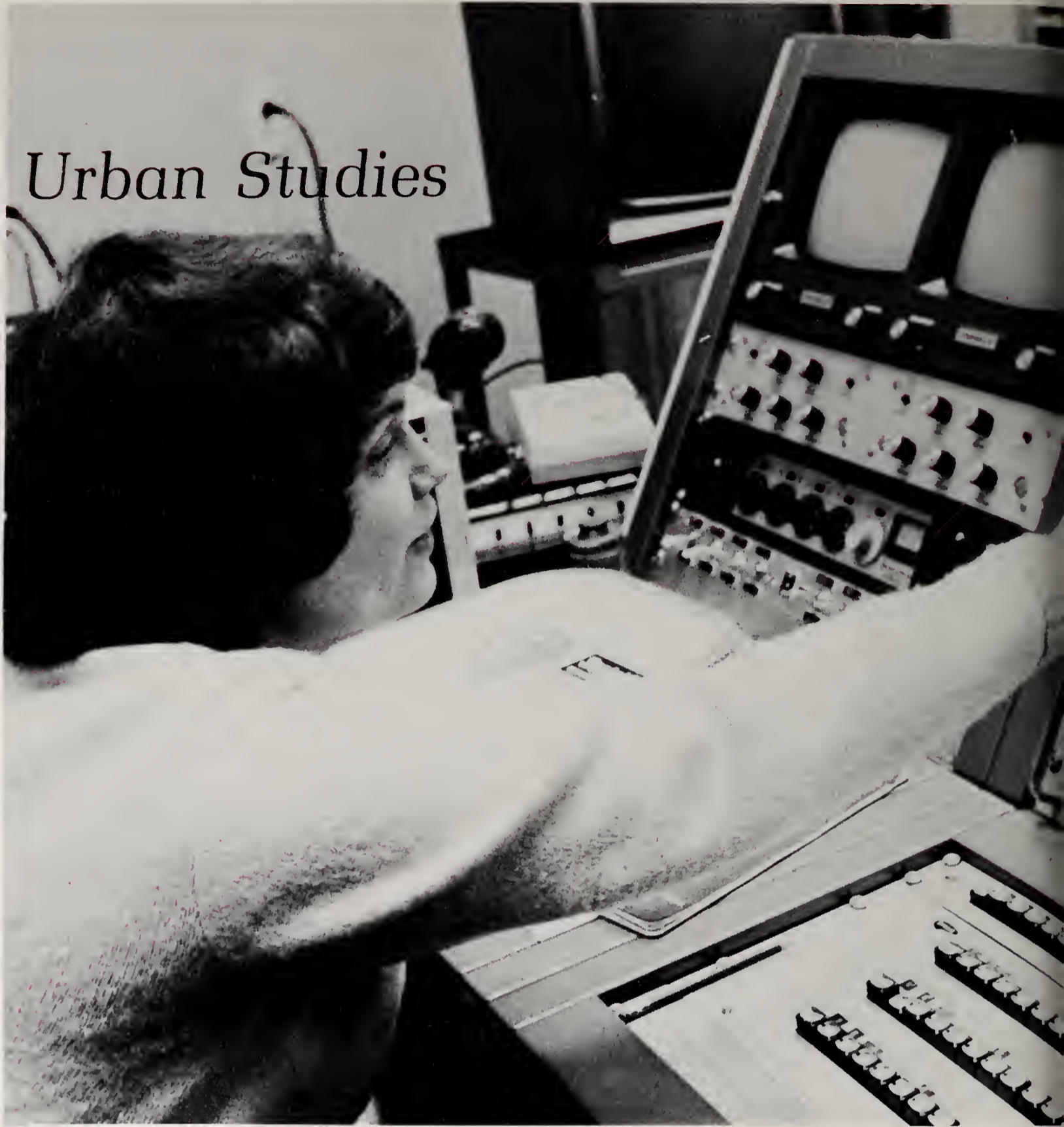
An airport going, new people coming. Dallas exists as a dynamic balance in urban evolution.

Problems yield to solutions followed by more problems. Mass transit, pollution, social welfare, and others are in the foreground.

Answers are needed, quickly.



Urban Studies





INSTITUTE OF URBAN STUDIES

If there was one term which characterized the graduate students in the Institute of Urban Studies, it was diversity.

This diversity was apparent in the types of activities which persons at the institute worked on within the community.

"When studying problems, the best place to do so is where the problem occurs," said Dr. Delbert Taebel, assistant director of the institute. "The purpose of our program is to involve the student in a wide range of problems and place him in a setting where he can do research and help solve the problems in this region."

This system has given students the opportunity to work in the city planning departments and Housing and Urban Development programs in area cities, the City Manager's office in Dallas, the Manpower committee for the North Central Texas Council of Governments, the Community Relations Council and the Dallas Community Action Agency.

The institute also developed PRECON, short for precinct convention, which was a game used to facilitate understanding of political precinct conventions.

The game helped students to understand precinct convention machinery so they could help reverse the apathy noted recently in a study of Tarrant County voters.

The study, conducted by Dr. Taebel, showed that less than one per cent of the county's voters attend

precinct conventions. Taebel said one of the reasons for the apathy has been the "steam-rolling tactics" which have confused many potential participants.

"It is our hope that PRECON will take some of the mystery out of the precinct convention," he said. He even set up the two-hour game for civic groups and provided rule books to school teachers who wanted to try PRECON in their classrooms.

"The game attempts to replicate the richness and to some extent the irrationality of the political process." He said. "In addition to playing assigned roles—liberal or conservative, for example—students must also consider interpersonal antagonisms and personal ambitions."

The institute, in conjunction with the Texas Municipal League, released a book designed to help municipal leaders administer complicated building codes.

"A Code Enforcement Handbook" was distributed to municipal officials in 800 Texas cities with a population of 1,000 or more.

The handbook was designed for city managers and building officials who "recognized that good codes and effective administration were matters of real consequence to the health and vitality of cities."

Chapters cover such topics as housing outlook for the 70's, charges against building codes versus the need for them, getting community understanding, cooperation among municipalities and inspection philosophy.

The department included 250 in undergraduate criminal justice, 50 graduates in criminal justice and 85 graduates in urban affairs. Its growth, based on diversification and community awareness, provided students with a program enabling them to respond to the complex needs of urban society.



TOP: Various audio-visual aids enable students to effectively evaluate their communications skills. ABOVE: Counseling plays a big part in urban problem prevention.

Graduate School of Social Work

The Graduate School of Social Work functioned in bridging the gap between the university and community.

One approach was the school's modular program, a new method of training future social workers to better understand themselves and others.

Developed by Dr. Dennis Salesby and Dr. Wayne Duehn, it was offered for the first time in the fall.

The 14 first-year graduate social work students spent the semester developing an awareness of themselves before they were exposed to social work theories and actual participation in community case work.

"We are encouraging the modular students to become aware of themselves, their beliefs, behaviors—where they are right now," said Salesby. "Our students should be able to see the complexity of the world and not be afraid to realize what an impact they can have on society."

The students saw themselves on closed circuit television used to create interview situations between social worker and patient and thereby improved their methods of communication and perception of situations.

A pilot program coordinated by Bill Pardue, a student in the graduate school, involved the work of clinical psychologists in educating police to deal with potentially volatile situations. The program consisted of training ten Dallas police recruits in crisis intervention and mi-

nority awareness.

"A vast majority of police calls were family problems of some nature," said Pardue. "Instead of going in to bust heads and put people in jail, they spend 45 minutes to an hour counseling the family.

"Most of the cases are human relations problems where communication between the policeman and family is essential."

Understanding is the key in handling minority situations. The recruits reactions were monitored by video-tape equipment enabling them to note facial expressions, hand movements and body attitude, which all reveal their true feelings in situations.

"If a person can understand what motivates people, what their cultural background is and that they, too, are human, this would result in less unconscious antagonism and hopefully less conscious antagonism, says Pardue.

The concept of video tape in learning was also utilized in the Regional Center for Individual and Community Development, an adjunct of the Graduate School of Social Work.

Headed by John J. Litrio, the center was a learning laboratory where the participants saw themselves as they appear to others. In addition to counseling programs, the center also assisted in leadership training seminars in conjunction with student activities and conducted the Junior League Volunteer Case Aide course.



RIGHT: Biology graduate student Randy Stovall observes tissue sections under the electron microscope, capable of 60,000 magnification. The Graduate School oversees all graduate disciplines within the university, including the Graduate School of Social Work. Dr. Lawrence Schkade served as dean of the graduate school.

Graduate School





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Registration Frustrations Precede Class Crash

Amidst cries questioning the relevancy of higher education came the realization that hassles, aggravation, and frustration experienced during the first week of school could be good training for the future.

Registration for the 1973 fall semester at UTA was normal for the most part. That is, if you are accustomed to interminable lines, the incredulous smiles of instructors as they affirm the closing of a much-needed class and keeping track of a dozen "do not fold, spindle or mutilate" IBM cards.

Enrollment figures from registration reaffirmed UTA's position as the fastest growing university in the Dallas-Fort Worth metroplex.

An official statement from Zack Prince, director of admissions, set the student body at 14,993, establishing a 7% increase over last year.

"There are approximately 2,000 freshmen, 2,300 to 2,400 trans-



Play it again Sam. Student ID's which were improperly stamped during registration are redone at library.

fers and 1,100 students returning from a period of absence," according to Prince. "Enrollment is up in all areas."

The dramatic increase is attributed to the school's geographic location, publicity, enrollment loss in other area universities and a growing academic reputation in many undergraduate and graduate fields.

The university continued to grow as it achieved the maturity of a four-year institution. President Wendell Nedderman observed that this continued development projected UTA "with the potential of being great."

Enrollment wasn't the only area to encounter expansion. A new tuition rate hike went into effect increasing the amount for a twelve hour course load to \$142 as compared to \$124 for the previous year.

In response to the 'hard times' of the unsettled economy were the Nickel Days sponsored annually by the Student Activities Board. On successive days of the week following registration students were treated to 5c ice cream, popcorn and cokes. David Hanna, former SAB Public Relations chairman, said the promotion was "our way of letting student know that we're here and giving them service." However, many viewed nickel days as a cheap and pleasant offset to the inflated costs of today.

As the tedious hours of registration came to a halt, students were jolted back to reality when they arrived at school on the first day to find that the fight for a decent parking space became as rough as the fight for classes.





UPPER LEFT: Empty book shelves awaited many students searching for subject texts. UPPER RIGHT: When books finally arrived, long bookstore lines kept many people waiting. LEFT: Nickel Coke, ice cream and watermelon, courtesy of SAB, was a pleasant, if brief, reprieve from inflation. ABOVE: With many married students on campus, little visitors were frequently seen.

Greeks "Rush" Perspective Members

Rush is a process in which non-Greeks become acquainted with the different sororities and fraternities. Students interested in participating in rush fill out registration forms, and these rushees have the chance to see all groups equally.

"Freshmen need to go through formal rush," said Kris Kirkpatrick, faculty advisor of Panhellenic. "They are introduced to the Greek system and are able to identify with a certain group."

Formal rush begins the first week of school. It consists of structured parties in which rushees visit all of the sororities and fraternities. They are required to go to a certain number of parties before pledging.

Formal rush for sororities consists of five days of structured parties. Elimination starts after the first parties, and continues until the rushees narrow their decision down to one sorority. During these parties, girls talk to the girls, see films, displays pertaining to the sorority, see skits and watch formal ceremonies.

Fraternities have two weeks of formal rush. The parties, called "Smokers," give rushees a chance to talk to the Greeks. After the smokers, the fraternities usually have parties at their house or take them out to dinner.

Bids are given out to the rushees at the end of formal rush and they decide which fraternity or sorority to pledge.

"Going through formal rush gave me a chance to see how people acted as a group," said rushee Janie Coleman. "I learned how to react to different situations and attitudes."

"Rush has given me more insight," said rushee Bob Adams. "I got a feeling for first impressions of people."





LEFT: Dean Gardner and members of the Order of Omega await the outcome of fraternity Bid House. RIGHT: Friendly people and plenty of everything awaits the new pledges.

Stewart Udall

Former Secretary of the Interior

Conservation and the environment were on the minds of campus dwellers and people nationwide. As there was talk of small car parking lots, year-round daylight savings time, reduced highway speed limits, and lower thermostats, Stewart Udall, conservationist and politician, addressed students in the student center ballroom Oct. 11.

Udall, founder of Overview, an environmental planning firm, and author of "The Quiet Crisis" and "1976, Agenda for Tomorrow," was cosponsored by the SAB Forums and Community Service Involvement Councils.

Seeing America's waste of the environment as leading to the destruction of the American way of life, Udall outlined four possible solutions to the energy crisis: 1) holding down the demand curve for oil and gas while raising the supply line; 2) creating more tax incentives for oil companies to encourage oil production; 3) buying cheap foreign oil; 4) conservation.

Favoring conservation, the former Secretary of the Interior said, "The current energy crisis is just a preview of things to come." He foresaw crises in minerals, water, cheap land and food within the next ten years.

"If all nations used the same amount of energy that we did and had the same number of cars, total energy reserves would be consumed in two years and eight months."



Soviet Expert Combs

Describing the Russians as people who "possess remarkable warmth and hospitality," Richard Combs, U.S. expert on Soviet affairs, discussed United States/USSR relations October 25 at Trimble Hall.

Sponsored by the university's Soviet and East European Center, Combs spoke to students of Russian government.

"The average Russian, he said, "is satisfied with socialism." While there is more social equality through socialized medicine and

their attitude toward manual labor, there is no popular control of foreign policy, according to Combs.

Combs said, "Tensions between the two world powers are not relaxed completely. They still seek the downfall of our system and the strengthening of theirs."

"However," he pointed out, "there are efforts to strengthen U.S.-Soviet ties. The internal economic needs of the USSR are the reason for relaxation of tensions between the two countries.



Hematologist Dr. Richard Halden

Comparing blood donating with voting, Dr. Richard Halden, hematologist and director of the Carter Blood Center, discussed "Hemophilia and the Blood Shortage" during Blood Week in October.

"It is your community responsibility," Halden said. "If every person in America would meet this responsibility, it would be necessary for each to give only every 14 years."

Saying that public attitude has a bearing on donating, he pointed out that blood donations declined during the Watergate scandal. "Too many people began to think, 'Why am I my brother's keeper?'"

Praising students as being the first to help, he described the campus blood drive as the "seeds of a philosophical renaissance."

The three-day drive, sponsored jointly by Sigma Omega Chi and Alpha Phi Omega, produced 376 pints of blood.

All donors received coupons for "beltbusters" at Dairy Queen, free coffee at Denny's and a chance to win a ticket to Six Flags.



Winter Brightened by Phi Delt Olympics

Great Zeus! With egg on their faces and flour on their posteriors, Delta Zeta sorority was victorious in the seventh annual Phi Delta Theta Winter Olympics.

Howls and whistles sounded as the games opened and entrants for the Greek Goddess toga contest entered the playing field. Taking first place for beauty and originality of costume was Zeta Tau Alpha's Tina Ross.

Members from the campus' six sororities proved themselves skillful in such pursuits as chariot construction, egg throws, grapefruit bobbing, backward egg rolls and the ice cream feed.

The events took on the rigors and tensions present in all sporting competitions as evidenced in the musical tubs "battle of the butts" Trojan Horse, tricycle riding, shotputt, discus and javelin throws. Some of the athletic prowess of the participants was impressive enough to instill murmurings from male viewers in the form of, "Wow! I'm not gonna fool with her!"

Fighting 600 pounds of flour and five other snarling sorority presidents, Delta Zeta president Marilyn Budway took only a few seconds to find her sorority's spoon in the traditional closing event of the day.





FAR LEFT: Apple bobbing brought the wet-head look back. LEFT: Judging in the toga contest is something less than sophisticated. TOP: Sorority presidents flounder in flour to retrieve sorority spoons. Delta Zeta was victorious. ABOVE: Female shot-putter gives her all in one of the more strenuous events in the Phi Delt winter fling.



Mall, Fine Arts Complex Go Up

Traveling on campus by foot resulted in dirty shoes much of the year.

Construction of a new mall in front of the library kept things pretty muddy in the fall as the area experienced lots of rain. However, with spring came a new semester, less rain, and the completion of the \$550,000 project. By March 14 very little work remained undone and campus officials announced the acceptance of the project.

Construction of the new Fine Arts Complex continued throughout the year and caused relative hardships to pedestrians and vehicle traffic alike. Tunnelling under Cooper Street in order to install utility service inconvenienced many as city and university traffic on this street was cut to a minimum. The \$8 million facility, which will house the Departments of Communication, Art, Music and Architecture, was due to be completed in January, 1975.

The skeleton of a new activities building began to take shape and Physical Plant Director E.E. Strahan skeptically quoted construction personnel as predicting a September 1975 completion date.

An oil storage tank holding 84,000 gallons of fuel oil was finished just in time to help keep everyone warm for the winter as gas curtailments by the local gas company went into effect.

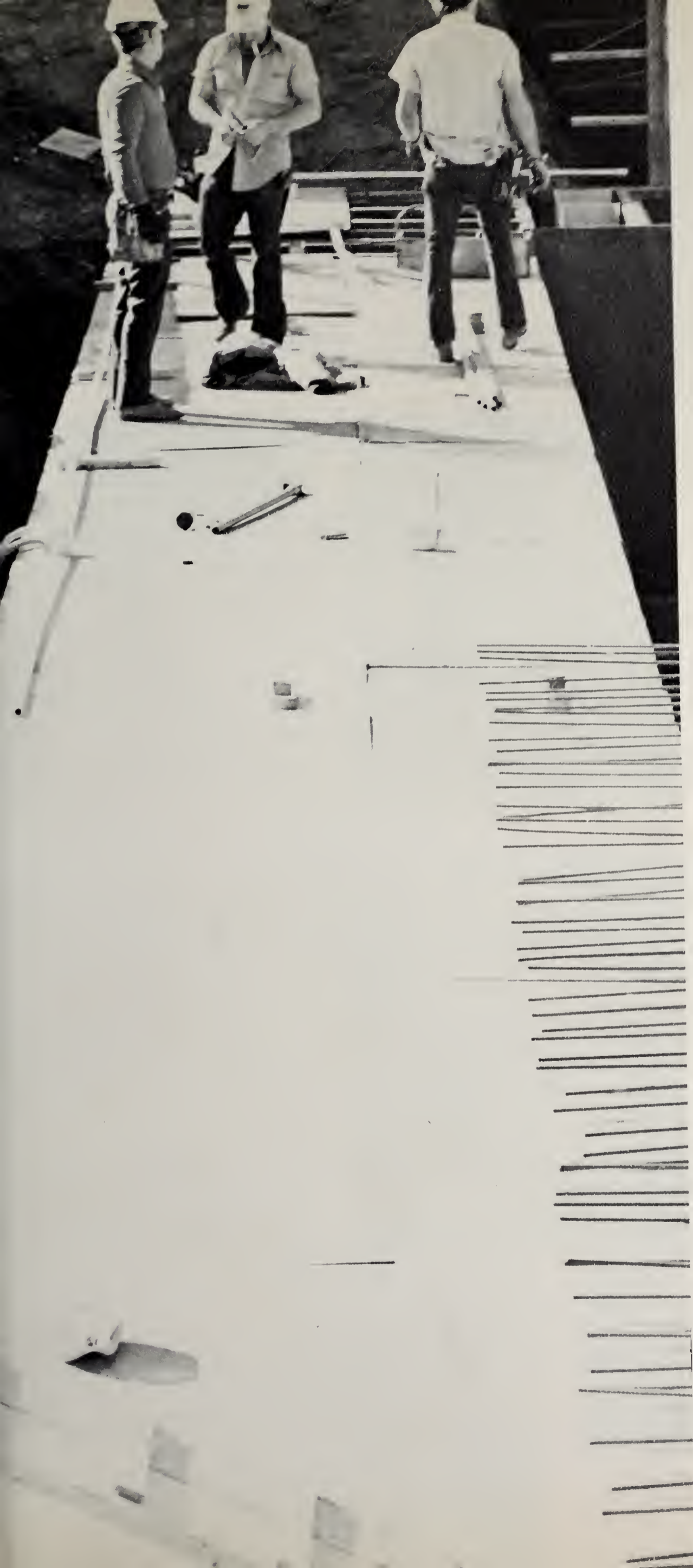
Near the end of the spring semester, blueprints hit the drawing board after university regents approved the construction of a new business building and a new engineering lab. This and the remodeling of Ransom and Preston Halls was scheduled to begin during the following summer semester.



UPPER LEFT: One way traffic prevails on wooden 2 by 4's laid to allow clean passage over muddy stretches. FAR LOWER LEFT: Workman works on new fuel storage tank. LOWER LEFT: Pipe stacks up as building gets underway. TOP: Workers lay endless rows of decorative brick on the new mall. ABOVE: Skeleton of new mall looms out of mud.

*Busy, Busy,
Busy, Busy*

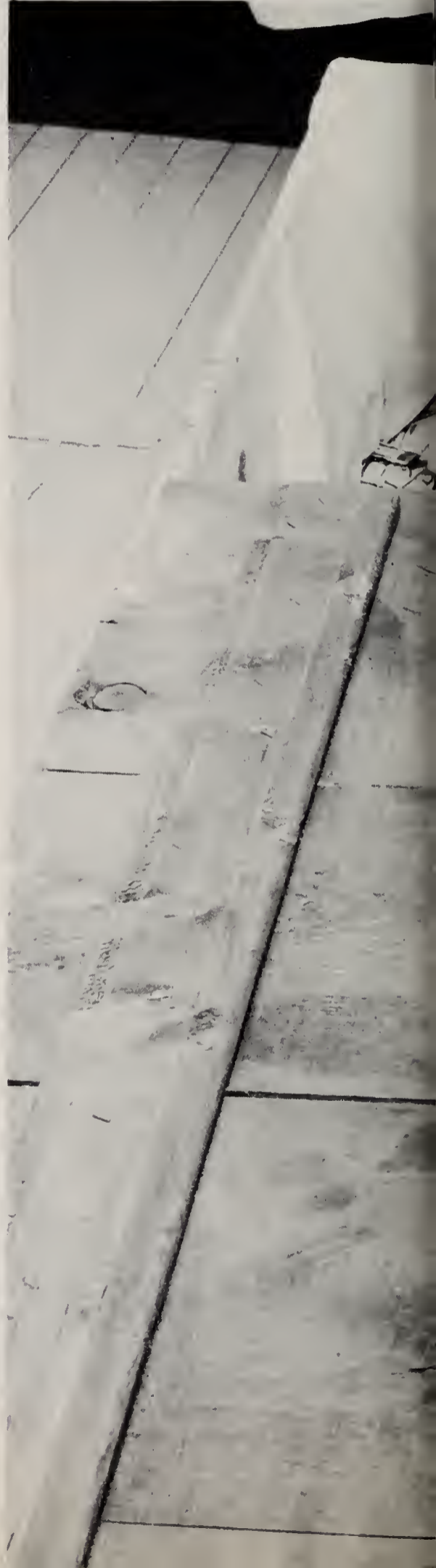




As construction gets underway on the mall, Fine Arts Building and a campus circling utility tunnel, students learn to watch where they step. *Terra firma* became a scarce commodity as rains made mud and mud made a mess. Progress marches on. Remember, it'll be beautiful when they finish.



Cancer Society Benefits From



FAR RIGHT: Beastly beast scares young visitors. RIGHT: Dracula lies peacefully asleep in a candy filled coffin luring youngsters to snatch a piece without awakening him. UPPER LEFT: DU member leads children through the spooky house. UPPER RIGHT: One ugly face deserves another; a young spook checks to see whether or not a DU spook can take it as well as dish it out. ABOVE: DU house looks gloriously ghoulish on All Hallows' Eve.

Halloween Haunting



The third annual Delta Upsilon Haunted House proved to be the "in" place for ghouls, monsters, and kids alike on Halloween night.

More than 1400 youngsters went through the house this year only to be scared away by the Frankenstein monster, Dr. Frankenstein and the Werewolf.

Plenty of candy was on hand for those who were brave enough to reach into Dracula's coffin to get it.

The biggest problem was in doing so without waking the irritable old fellow. T'was not an easy task!

DU President Mike Deford proudly announced record attendance and record profits for this year's spooky event. "I guess people have heard about it from others because more and more people come each year."

The proceeds from the Halloween special, totaling more than \$700, went to the American Cancer Society.



VISITORS NOTICE

THIS PERSON IS SUBJECT TO FREQUENT
FITS OF UNCONTROLLABLE AFFECTION.

MEMBERS OF THE OPPOSITE SEX
TARRY AT THEIR OWN RISK.



Dorms See Action

Residence halls this year saw a bit more action than in the past. Before the fall semester got started, the Inter-Dorm Council was replaced by a new, activities oriented group, the Residence Hall Action Council.

"IDC was formed about three years ago as an activity oriented organization," said Mason Woodruff, RHAC president. "The past year or so it has gotten bogged

down in politics."

Apartment living and relaxed mandatory residence hall habitation requirements contributed to an overall decrease in the numbers of people living in campus dorms. Wylvan Parker, assistant dean of student life, said he "firmly believed in freshmen living in the dorm for at least a year. One of the hardest things and one of the most rewarding things is learning to

live with other people."

Parker also expressed hope that there "are some improvements in the dormitories. The thing I'm most concerned with is attitude. We, the administration and the staff, need to show our concern for the student."

Among such dorm activities as cookouts and get-acquainted parties, Pacht Dorm Council, working with area firms, furnished an underprivileged family with household furniture, food and a \$100 gift certificate.

During the peak of streaking on campus, a fire broke out in Brazos dorm while most of the dorm's residents were out enjoying the Pecan Street streaks. A smoke bomb was thought to be the culprit and damage was reported at about \$350.

Following the fire, and activity by RHAC, the *Shorthorn* and the administration, a plan was initiated which would place fire alarms in residence halls, hopefully by fall 1974, and begin an educational program to enhance dorm fire safety.

While the campus "moat," a huge trench created to facilitate installation of a new walk-through service tunnel, was under construction, water to Brazos dorm was repeatedly interrupted and RHAC, on behalf of the dorm occupants, issued a complaint and requested a refund for inadequate services.

Wayne Duke, dean of student life, sympathized with the Brazos group, saying, "We certainly feel the students have been inconvenienced and have a right to complain, but at the moment we're not sure there's anything we can do about it."

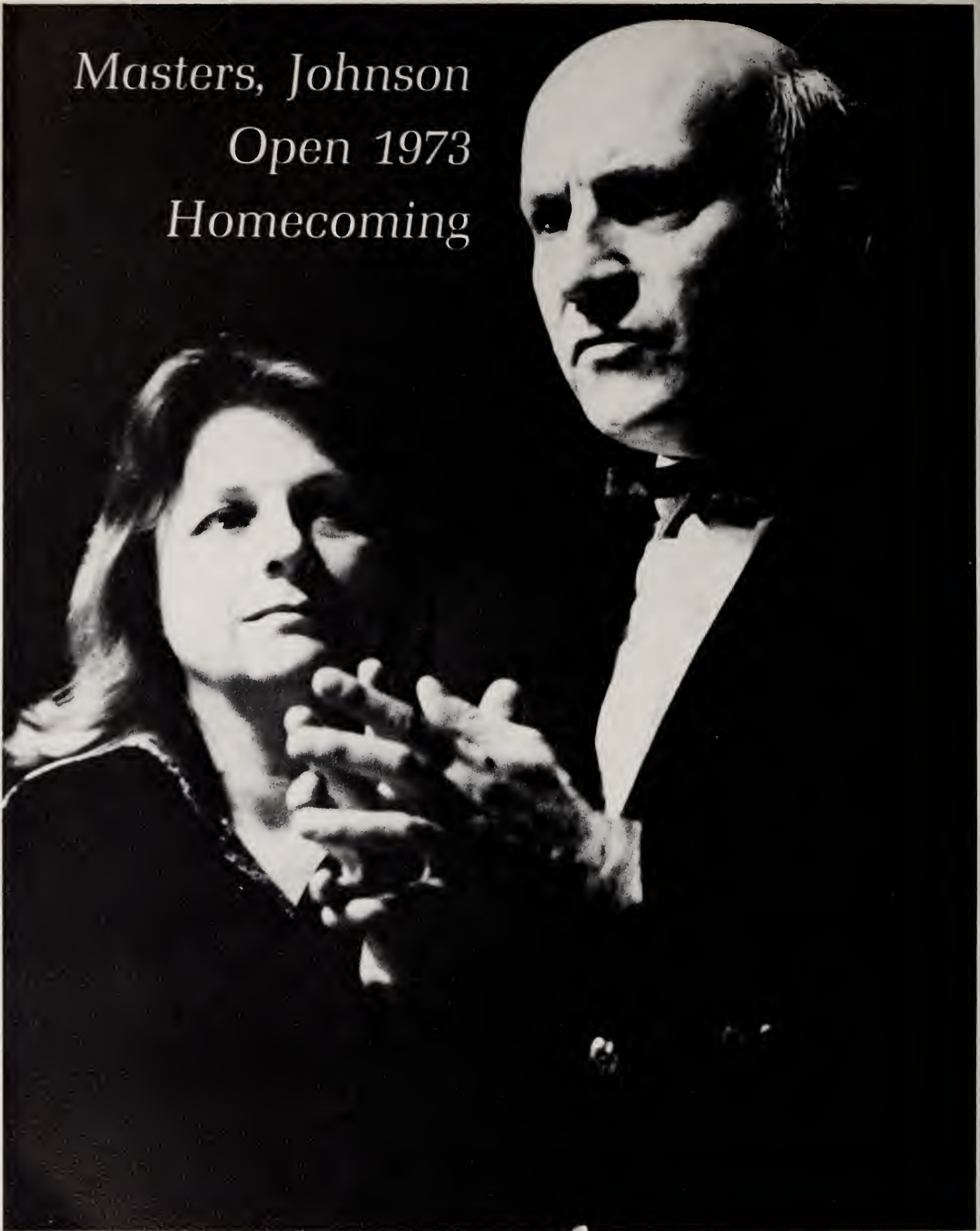
On the brighter side, summer dorm students will go coed in Trinity dormitory.

"This is not an experiment for fulltime coed dorms," Duke explained. "It's merely a practical matter for our summer students."



ABOVE: Arlington fire officials survey fire damage at Brazos Hall Dorm.

*Masters, Johnson
Open 1973
Homecoming*



LOWER RIGHT: Columnist Jack Anderson addressed a large crowd on the subject, "News Behind the Headlines." UPPER RIGHT: Arlington Mayor Tom Vandergriff gets egg on his face during the Kappa Sig Carnival activities. ABOVE: William Masters and Vir-

ginia Johnson filled Texas Hall to capacity as they spoke on "Sexual Functions and Dysfunctions" during their homecoming week appearance.



Masters and Johnson, Jack Anderson, Sha Na Na, and politicians were just part of UTA Time homecoming celebrations during November.

William Masters and Virginia Johnson, famous husband and wife sex researchers, attracted crowds of hundreds with several hundred more being turned away for their lecture on "Sexual Functions and Dysfunctions."

Americans are still plagued with sexual myths, according to the two. Each person being responsible for the other person's response, "Madison Avenue's created myth" that the size of the female's breasts make a woman more sexually appealing, and the idea that a man's penile size affects his sexuality were three myths they condemned.

Syndicated columnist/muckraker, Jack Anderson, spoke to more than 900 people on "News Behind the Headlines," an attack on the Nixon administration.

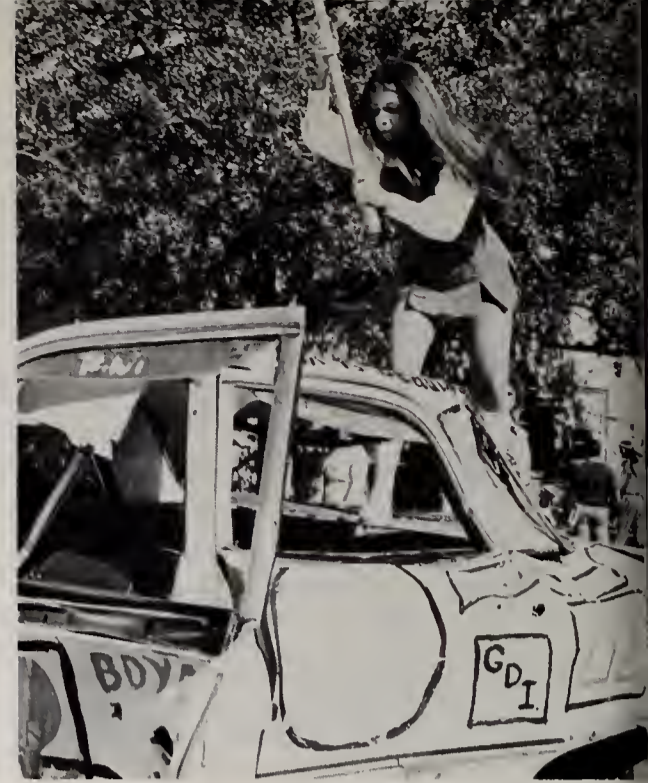
Anderson, sponsored by the SAB Forums Council said that as soon as the public demand for impeachment slowed down, "Congress would drop the ball." The public, he warned, must not allow this to happen.

Continuing his attack against the President, Anderson said "Richard Nixon is a man who would wade into battle with a lead pipe."

As part of the Professor of the Hour program, the campus was visited by area politicians, including Sen. Oscar Mauzy, Sen. Betty Andujar, Rep. Chris Semos, Rep. Maurice Carlson, Rep. Bud Sherman and Rep. Ray Hutchinson as they took over the lecturing duties of the day in various classes.

Also part of the Professor of the Hour program, a panel of Dallas and Fort Worth legislators cited the fuel crisis, mass transit, pollution and housing as major areas of concern for citizens in the metroplex. Panelists were: Rep. Bob Davis,

Karnival Comes To Campus



UPPER RIGHT: After a warrant is issued and the student victim is found, brief internment in the Fiji jail is mandatory. UPPER LEFT: Hostilities, male or female, could be taken out on the car smash auto. Assorted comments painted on the car made target sighting a bit easier. RIGHT: Fiji jail escapees are returned unceremoniously.





Sen. William Braecklein, Rep. Richard Geiger of Fort Worth and Rep. Tom Schieffer and Rep. Doyle Willis of Dallas.

Even the city fathers appeared on campus for a special session of the Arlington City Council. Mayor Tom Vandergriff expressed his pleasure with the meeting and said he hoped it would become an annual affair.

Other smashing events of the day were the car smash, the pie throw (which got several members of the Bronco coaching staff pretty messy) and the egg drop booth.

Less smashing in effect, but just as much fun were the cookie booth, football throw, Fiji jail, body sale (oh, doesn't that sound wicked?), raffle sale and the candy booth.

Trophies were awarded to Mu Kappa Alpha's body sale and Sigma Tau Alpha for the raffle sale booth as the sorority and fraternity booths collecting the most money.

Karnival chairman, Allen Edmonds said, "It was our biggest year yet." Proceeds of more than \$540 were sent to Big Brothers of Arlington.

Enthusiasm ran high as the homecoming football game against Western Michigan brought a Maverick victory of 31-12 at Arlington Stadium. The game was aired over WBAP radio.

Half-time activities were honor-oriented as Jody Christopherson, representing Alpha Chi Omega, was crowned Homecoming Queen and four Distinguished Alumni were honored.

Nathan Jones, a 1970 graduate of UTA, was one of the four honorees. His pencil sketches, which he called "feeling pictures," are classified by some as sad and depressing, but they certainly seemed popular. Among the owners of his work

Game Spikes Spirit



RIGHT: Jody Christopherson seems pleased to have been crowned 1973 Homecoming Queen. Congratulations from other contestants and President Nedderman followed the crowning. TOP: Mav yell leader Jill Becker seems to have spirit to spare despite thinning crowds of football fans. This year's varsity yell leaders included Jody Christopherson, Jill Becker, Mary Guerra, Ann Litrio, John Gustufson, Tom Moore, Walter McCoy and Art Boone. ABOVE: Members of Phi Delta Theta stand ready at the sidelines to sound the clarion clang of the Maverick victory bell.



have been the late president Lyndon B. Johnson and Charlie Pride.

Brigadier General Willard Latham, of the class of 1949, one-time assistant professor of military science at Arlington, got his associate of arts degree from North Texas Agriculture College and his Bachelor of arts in Social Science from TCU.

Dr. Edwin Hamilton, a marine geologist noted in the field of marine geology and sea floor acoustics, graduated from UTA in 1934 and went on to get his Masters and Doctorate Degrees from Stanford University.

Honorary Alumnus Chena Gilstrap, who has been with UTA since 1953, played football at UT Austin before coming here. In addition to having received the 1965 Southland Conference Coach of the Year Award and the Distinguished American Award in 1970 from the North Texas Chapter of the National Football Foundation, he was also named Arlington's Man of the Year.

This year's Beauty and the Beast Contest, sponsored by Alpha Phi Omega, came to the aid of the two burn victims of last summer's lab explosion.

At 10 cents per vote, students contributed \$743.90 to elect Ms. Janice King, Delta Zeta, and Mark Snyder, Alpha Pi Mu, as the Beauty and the Beast. They received handsome trophies for this honor.

Funds from other organizations and private donations pushed the fund total over the \$1300 mark.

The victims of the fire were Connie Berg, senior transient biology major from SMU and David McDaniel, junior pre-dental major.

An After-the-game champagne reception was sponsored by the Alumni Association at the Ramada Inn Parkway.

The talents of "Natural Soul" were featured at the Homecoming Dance at the Villa Inn West.

Concerts: Sha Na Na



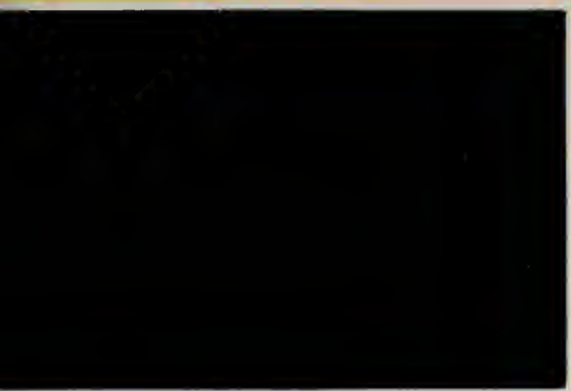


Sha Na Na shimmered and shimmered across the Texas Hall stage as one of the main highlights of homecoming in October.



Concerts: A Variety of Sounds





Jazz Quartet knocks out the crowd in a Texas Hall appearance

Music Offerings 'Well-rounded'

From Brahms to Presley, the music department presented a well-rounded repertoire this year.

At their annual fall concert, the Madrigal Singers, directed by Gary Ebersberger, assistant professor of music, performed Johannes Brahms' "Neue Liebslieder" ("New Love Songs").

In the Spring, music turned to thoughts of "MacArthur Park" by Jim Webb. This and other popular tunes highlighted the concert band's performance March 5 at Texas Hall.

The spring concert on the mall by the symphonic band was rescheduled for April 17 after its original date was cancelled due to potentially freezing tubas. Music featured was from "How the West Was Won," "Cabaret," "Elvis in Concert," and a snare drum trio. The symphonic band is directed by Jack Mahan, chairman of the Music Department, and William Postelthwaite, associate professor of music.

Phi Mu Alpha Sinfonia, a professional music fraternity, sponsored its first annual competition contest. Eleven musicians from 25 contestants were selected to play in the recital at University Hall on March 26.

The symphonic band took a fast whirl through east Texas in late February to stage concerts at six high schools. However, the A Cappella choir turned its compass southward down Houston way in its tour of southern high schools.

In addition to these musical groups, the music department also has a jazz lab band consisting of 23 men and a jazz rock ensemble of ten musicians.





LEFT: April 17, and it's spring concert on the mall time. TOP: Mall music attracts healthy crowds to enjoy the varied offerings of the May symphonic band. ABOVE: Jack Mahan, chairman of the music department, conducts the symphonic band in music from "How the West Was Won."



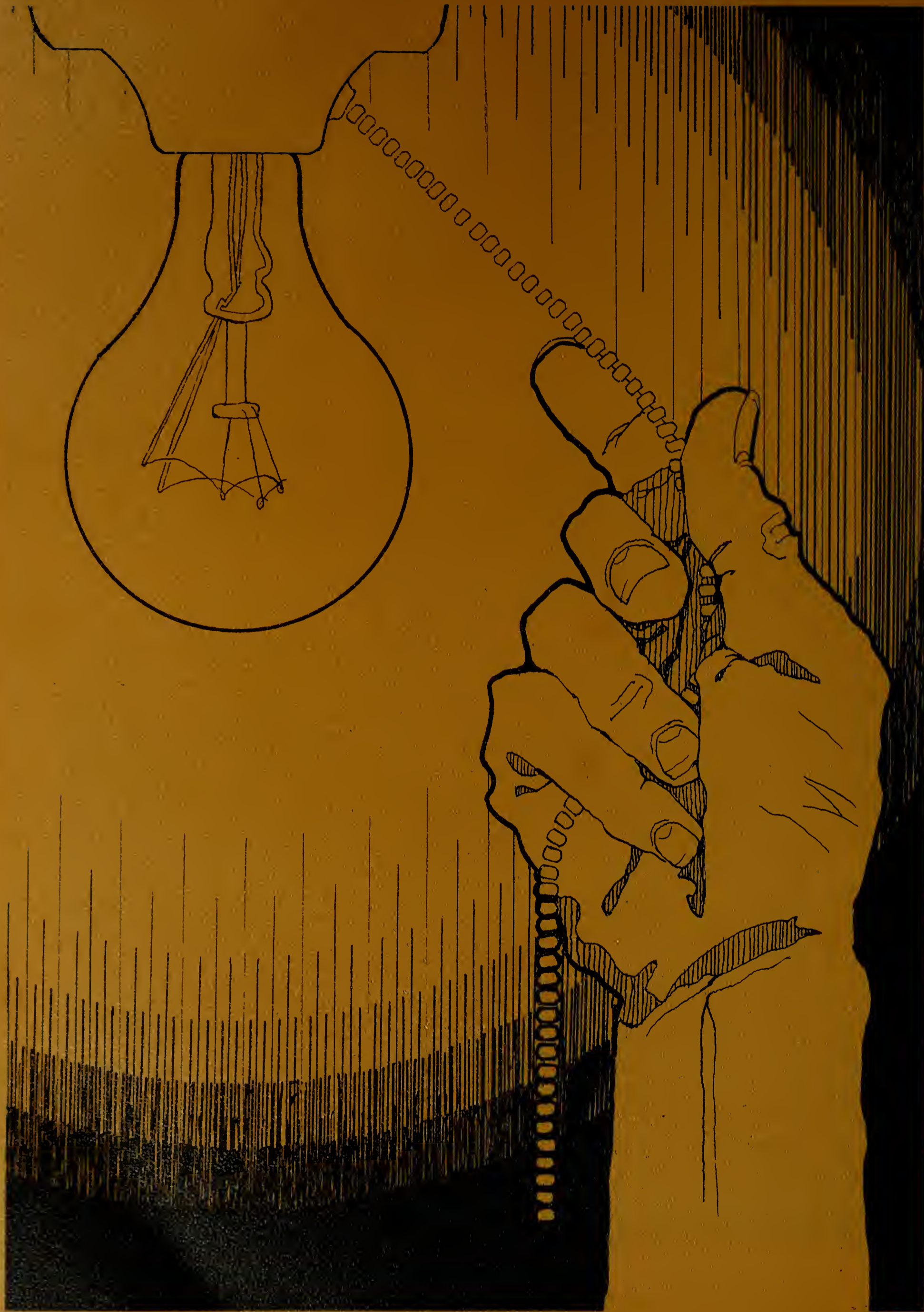
If music is indeed the universal language, then the A Capella Choir, under the direction of William Postlethwaite, addresses a very large audience.





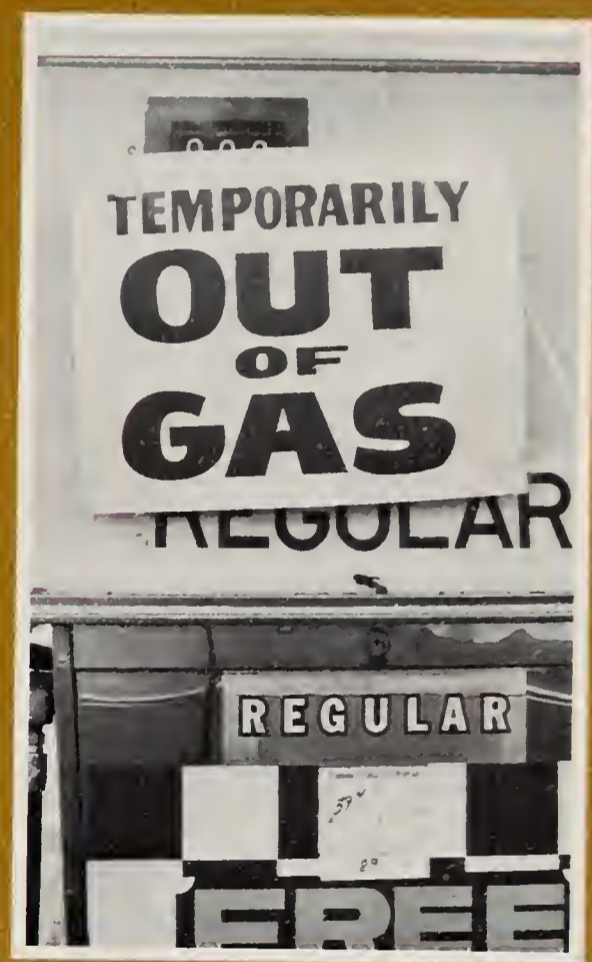
*Choir Music
Speaks to All*







*ENERGY:
Crisis Or
Collusion?*



UPPER LEFT: New 55 mph speed limits on Texas highways slowed state travel. LOWER LEFT: Vintage automobile and billboards pushing energy conservation are reminiscent of World War II conditions, but this is FM 157 and the time is 1974. ABOVE: Shortage of oil reduced gasoline supplies and many dealers ran short at month's end.

Oil Shortage Dims Campus, Slows Traffic

The nation's energy problems made themselves felt on campus in a number of ways. Buildings were a bit darker, a bit cooler in the winter and a bit warmer in the summer.

Students arrived at their fall classes in the dark due to Nixon's daylight savings time. If they needed gas at that early hour in the morning, they had another problem.

Stations set their own limited

hours as gas allotments were curtailed and customers were often limited to ten gallon purchases of the precious stuff.

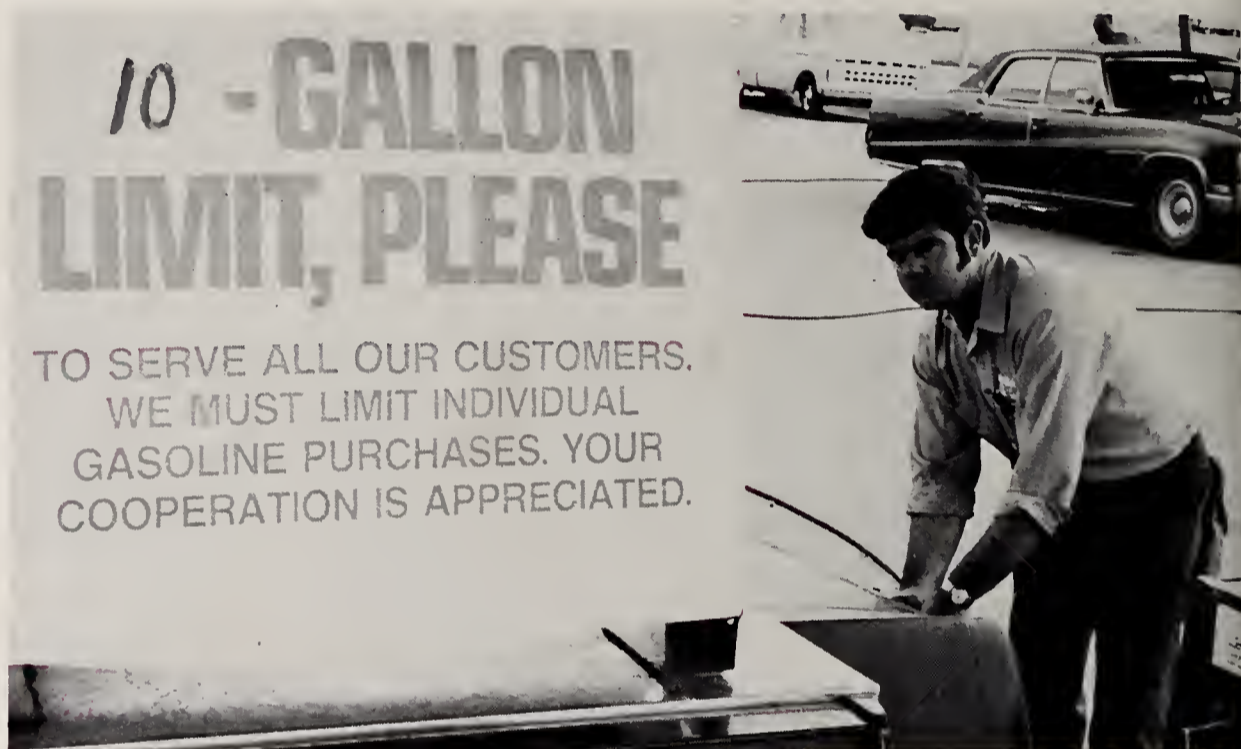
To keep federal highway funds flowing to the state and to conserve fuel, Texas lowered its maximum speed limit to 55 mph.

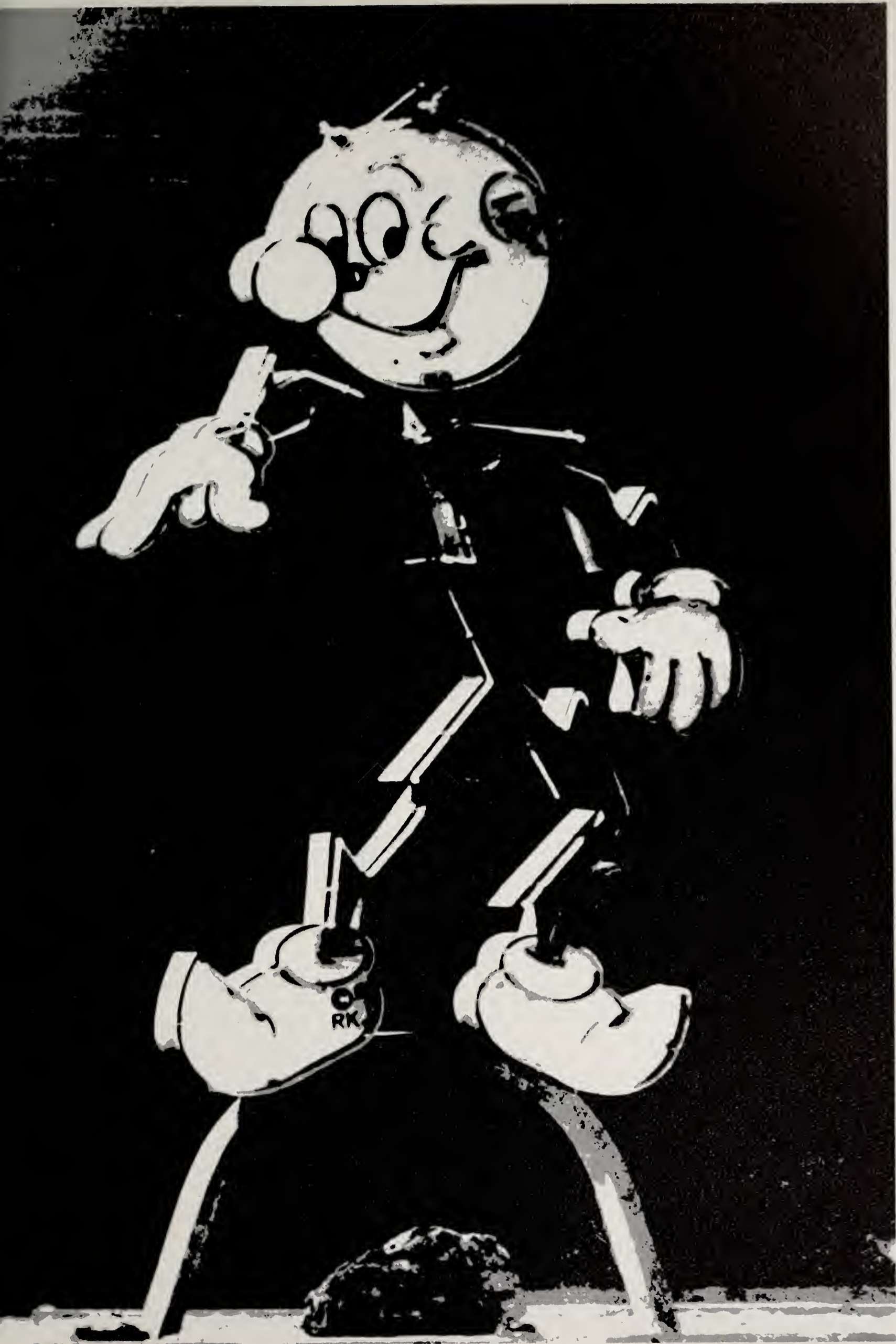
An Arab oil embargo which darkened the already dark energy picture resulted in further dampening of ecological considerations. The

Alaska pipeline bill was quickly approved. Federal agencies took a second look at fuel-consuming pollution control devices on cars.

Nationwide, fuel oil and natural gas became scarce commodities.

The Arab embargo was lifted in April and the May efforts of Henry Kissinger held promise of keeping the embargo shelved.





BELOW: Jody Christopherson and a friend urge students to vote appropriately in Homecoming Queen elections. RIGHT: Students passing in front of SUB are met with election propoganda from office seekers and supporters.



Turnout Light in Student Elections



Students came out in favor of the establishment of a campus pub, a consumer protection program for students, the creation of a small car parking lot, and lowering Cooper Street instead of rerouting the street around the campus in the Fall student elections.

Liquor on campus got double coverage in the referendum as 5 students to 1 approved of allowing campus organizations to serve alcoholic beverages.

Of the 84 candidates vying for various offices and honors only 26 persons could be winners:

Newly elected Student Congress members were Kathleen Carefoot, Robert M. Clark, Jim Plog, Eric Stengle of the College of Business Administration; Suhail Farah and Chip Griffiths of the College of Engineering; Janice Culpepper, Mary Stroope, Poncho Sutherland, Debbie Morse, John Ogletree, and Royce West of the College of Liberal Arts.

Elected to the Student Activity Advisory Committee were Kathy Kennedy and Larry Taylor.

Female favorites for the year were Angela Campbell, Connie Gostas, Christa Mimms, Patty Scoggins, Gretchen Sellers, and Cindy Vance. Male favorites were Art Bone, Michael Coleman, Steve Ellis, Bill Fleming, John Ogletree

and Poncho Sutherland.

Students were also polled on two hot items of public interest—discrimination in hiring of staff and faculty members, and whether or not President Richard Nixon should resign or be impeached.

When the ballots were tallied, there appeared to be a close race pro and con for Nixon's future. However, the nays held the majority, saying the he should neither resign nor be impeached.

Students appeared to feel that there was no discrimination in hiring faculty members and felt no need for more minority faculty and staff.

Paul Hunnicutt, chairman of the Student Congress Election Committee, blamed a low turnout of night students for the drop of ten percent in election participation.

However, Kent Gardner, associate dean of student life, had other ideas. Gardner compared the percentage of students who voted in the election with the number of eligible voters who vote in city and county elections in a non-presidential election year.

"This was what you might call an off season' for an election," he said. "Just as you have a greater participation in presidential election years, we predict a larger turnout of voters in the Spring when the Student Congress president will be elected."

Beer Bill Passes Congress

A person wishing to have a bill approved on campus faces the small bureaucracy known as Student Congress; then, on to the greater heights of departments, deans, presidents, and regents.

According to Student Congress member Tony Kendall, a resolution must have two sponsors before it can be presented to the Student Congress. After its presentation, it must be approved by two-thirds of the members before it can be passed.

One example of the route a bill must go through is the campaign for the sale of beer on campus, which became a vital issue as 18-year-old adulthood became law.

Student Congress representatives and persons from SAB joined forces last fall to make the sale of beer on campus a reality. During the council's meeting on the mall, the beer advocates presented the first resolution to the council. The decision was made to form the Beer on Campus Committee (BCC) to research the problems and feasibility.

During the Spring semester the committee drafted its proposal, which included plans to set aside part of the student center and \$15,000 for remodeling.

The proposal was approved by Student Congress in late March when it went to Dean Wayne Duke. From there, to Vice-President Dudley Wetzel and President Wendell Nedderman. Committee members hoped to obtain full approval from the Regents, which is the last step necessary for final approval.

When asked if this is the normal procedure for all bills brought to the Student Council, Kendall said, "Basically, these are the steps for bills of a constitutional nature. However, if the bill concerns an academic department, we usually get the 'higher-ups'."

He continued to say that if approval was denied by any faction in the chain of command, the issue would probably be dropped.

However, this was not expected to happen to the beer issue. During the Spring semester, when teachers and students were polled on their opinions, support was indicated by both groups.

Having found no legal reasons to keep beer off campus, the support of the campus as a whole, and the passage of the issue on the Austin campus, committee members felt confident that Regent approval could be expected before Fall 1974.



UPPER RIGHT: Student Congress president Ken Curry mediates discussion of beer on campus during a meeting on the mall. LOWER RIGHT: Congress members Tony Kendall, Bryan Williams and Steve Herring ponder the alcohol question while students on the mall pause for a listen. ABOVE: Inebriate, artist's conception. Beer on campus brought comments from many factions on campus, including the BSU and Constituent Councils.



Arab Rally Staged

Following the October outbreak of hostilities in the Middle East, 200 foreign students gathered in front of the student center to solicit support and inform the American students "about what the situation is like" in the Middle East.

However, about 15 Jewish American and foreign students showed up who didn't agree.

Amidst jeers and shouts from the Israeli supporters, representatives from the Muslim Student Association, the Pakistani Student Association and the Iranian Student Association added their support to Arab Student Organization president, Samir Farah.

Farah accused Israel of destruction and aggression in the renewed conflict.

"Arabs fight in their own land, not Israel," Farah said. "We don't fight against the UN because we are not trying to take over someone else's country."

He said that Egypt and Syria are fighting to show the United Nations and the world that a settlement has not occurred because the ceasefire line of 1967 isn't fair to Arabs. Egypt and Syria are not trying to conquer Israel, he said, but are trying to give back to Palestinians "their rights as human beings."

He accused Israel of concentrating native Arabs in camps where they are being deprived of their "human rights and their



land." He added that the Arabs wish for a permanent peace, but only after Israel ceases oppression of the Palestinian people.

Carrying signs and placards protesting alleged Israeli aggression and urging support of the Arab cause, 15 Arabs circled the speaker's platform.

Tempers on both sides flared from time to time, but no violence

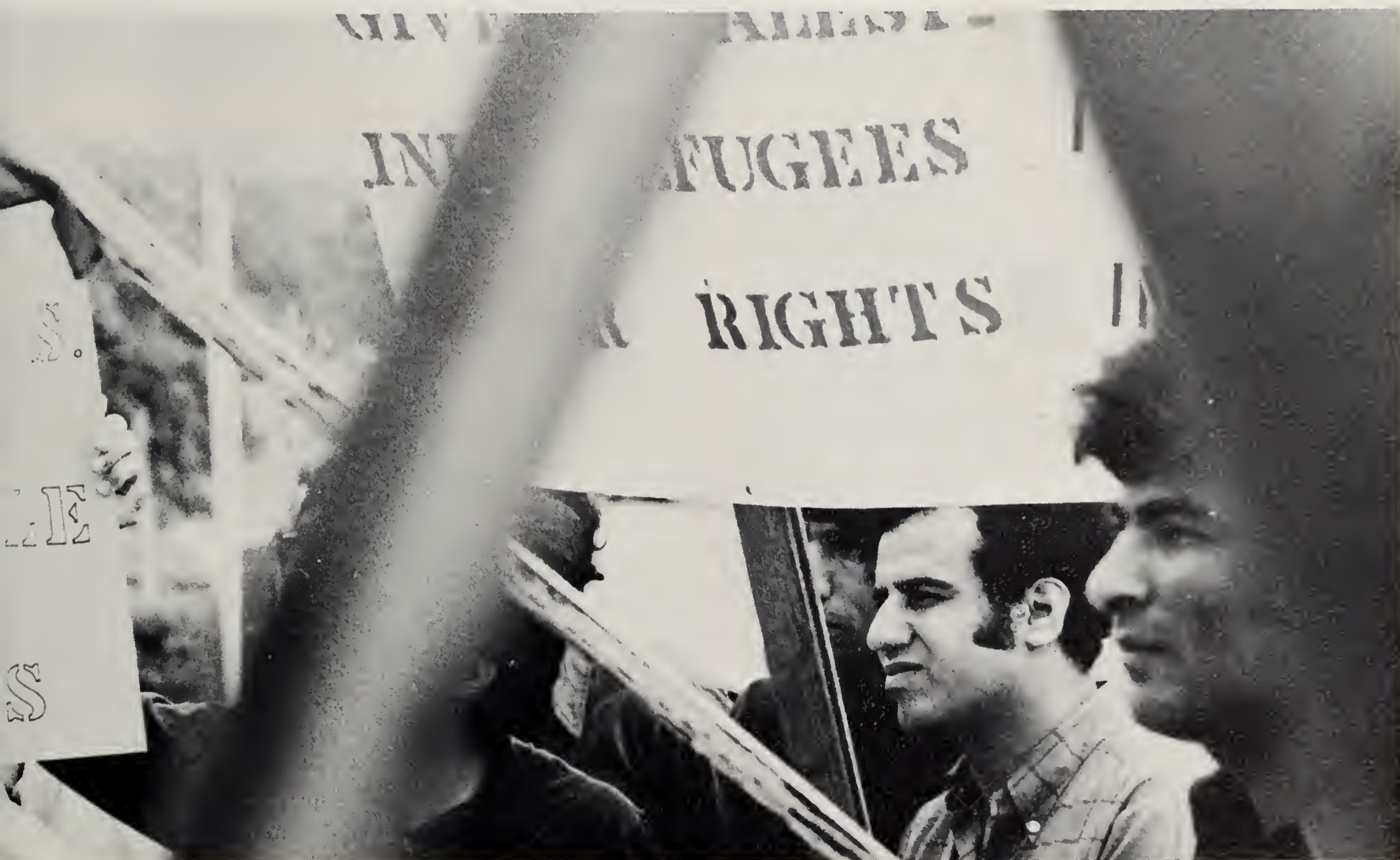
ensued. Discipline officers from the Arab organizations were present to keep the rally peaceful.

Though foreign students from the two belligerent factions remained polarized, the subject didn't seem to matter much to most American students. It wasn't quite close enough to home. The oil crisis brought it closer.



FAR LEFT: Samir Farah, Arab Student Organization president. LEFT: Stylishly dressed people view rally with unusual interest. ABOVE: Placard bearing students support Arab cause. BELOW: Members of the campus' Arab groups joined in the rally.

(Editor's note: Following the rally, Student Congress approved a resolution opposing police surveillance on campus for reasons other than the maintenance of law and order.)



UPD Eyes Problems

Parking and traffic control were two major problems which faced the University Police Department.

Speaking of the parking problem, UPD Chief Rufus Taylor said, "We got more students and cars here than we ever dreamed would be here, and it got the jump on us. I believe in a short period of time we will have relief on the parking situation."

While Taylor sounded optimistic, Wylvan Parker, assistant dean of student life and chairman of the University Parking Committee, admitted that the parking problem "looked bad," but not as bad as at some other universities. "It could be worse," he added.

Fulltime students paid \$15 a year for the opportunity to legally hunt and occupy a campus parking space. During the year, 10,193 parking stickers were sold for approximately 6,000 spaces. Taylor explained that it's "not necessary for everyone to have a space. The students are staggered here; when one student finishes, his space will be available for the student who is just starting."

Campus police were able to issue citations on either the university or municipal level. University citations for parking or traffic violations required the offending person to pay a reinstatement fee of \$2 or place the citation on appeal with the University. Municipal citations required regular court action, just as those issued by city policemen. In explaining the penalties, Taylor added, "The students that have been here, they know the rules and regulations, but we do everything possible to help the freshmen."

Beginning in the fall, UPD denied readmission and withheld transcripts, grades and degrees to persons with unpaid traffic citations.

"All persons, students, faculty and staff, are equally treated on police matters with no exceptions," said Taylor.

After one found an appropriate parking spot, pedestrian problems became apparent.

Gail Hill, a senior English major, was struck by a car and injured while crossing from the business building to the south parking lot. Here, where pedestrian and motor traffic was often heaviest, there were no crosswalks or stop signs.

Cooper Street continued as a major obstacle to intra-university pedestrian travel. Construction of a service tunnel to the new Fine Arts building closed off part of the street, one of Arlington's busiest thoroughfares, compounding the existing problems.

Plans were considered to deal with the problem. A depression was under consideration which one UTA administrator described as a six lane "Grand Canyon." Two reroute proposals were also considered. University administrators suggested a Pecan Street reroute which would be "out of the question" according to Arlington's coordinator of traffic and transportation, Wayne Sherrell. Sherrell countered with a reroute plan to take Cooper just east of the SUB and health center. That didn't prove pleasing to the university.

Year's end saw university administrators working closely with city and state officials on a final solution, which will hopefully be forthcoming before the potential accidents start finding times and places to happen.





TOP: Students brave Cooper Street, one of Arlington's busiest thoroughfares, as they cross to Davis Hall. LEFT: Cars whiz by student waiting in center turn lane for a clear spot on Cooper. ABOVE: Small group gathers on Cooper, blocks the street with parked cars and demands that officials "close Cooper now!" Other curious students pause to chat on their way across the street.

Police, Parking, Penalties





FAR UPPER LEFT: Temporary parking lots turn to muddy quagmires after rain. FAR LOWER LEFT: Cushman carried campus police monitor students' unusual parking habits. LEFT: Officer attempts forced entry of vehicle to aid de-keyed student. BELOW: Police-people man parking sticker table during spring registration. ABOVE: Patrolman explains parking citation to owner of ticketed bug.



BEY'S
VODKA

\$ 9.00

CANADIAN
CLUB

\$ 6.50

GILBEY'S
* VODKA *
FULL QUART

\$ 4.55

BOURE
de LU

\$ 4.35

18 Means Adulthood?

Students arrived on campus in the fall with full legal rights if they were eighteen years of age or older. The Texas legislature granted majority rights to the group in midsummer.

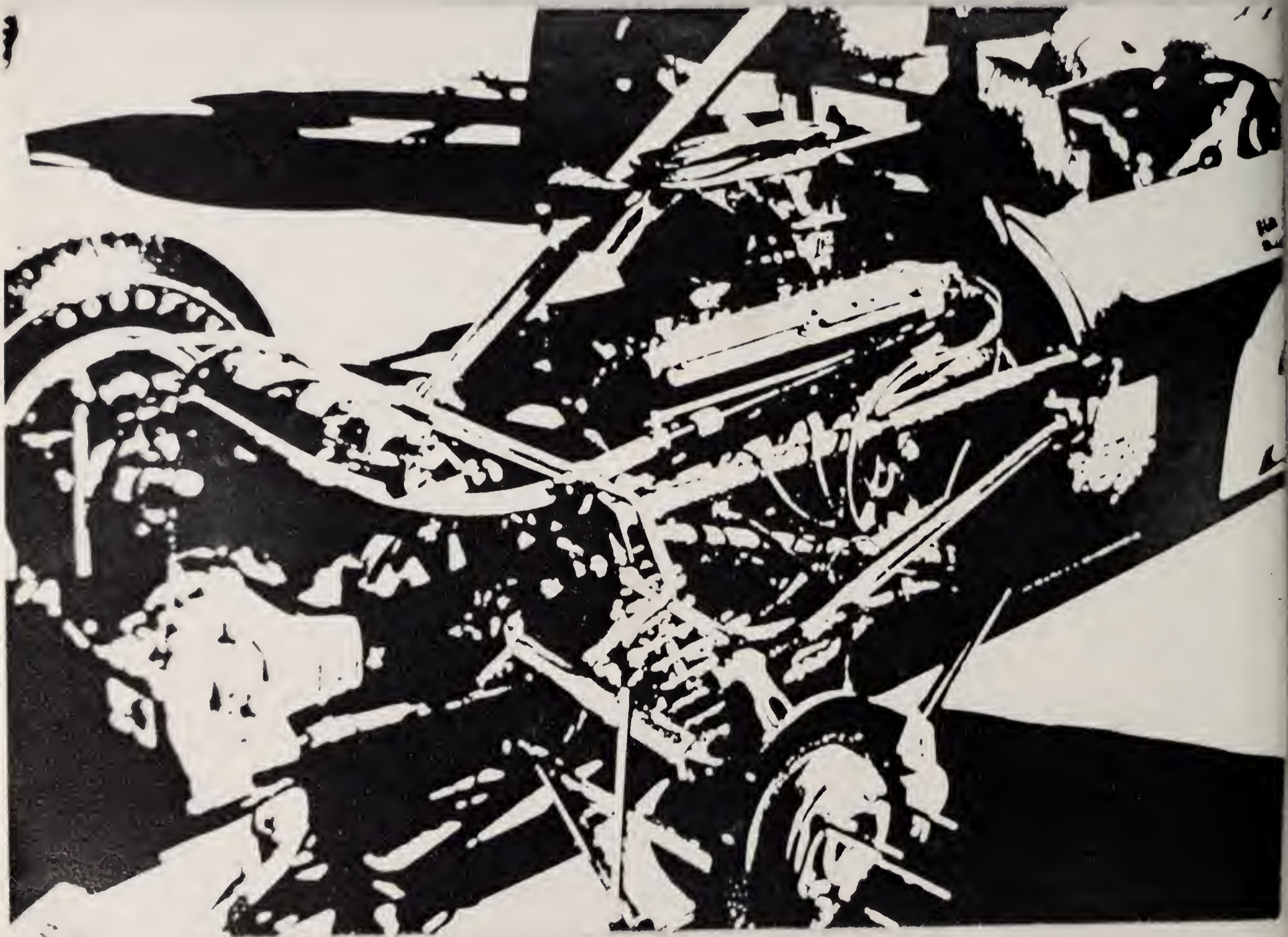
The most obvious result of the new legislation was the lowered drinking age. Many feared the state's highways would become deadly playgrounds for intoxicated drivers too young to understand the consequences of over indulgence and driving.

Insurance companies and parents braced themselves for the financial shock. Isometrics, just isometrics, for the shock didn't come. As predicted by most state officials, the action had little effect on overall DWI statistics. Young people had been drinking for years. Now, they just didn't have to keep one eye sober and on the lookout for local authorities or the LCB.

Less obvious, but infinitely more important, eighteen-year-olds had new responsibilities and privileges to match their recently acquired suffrage. They were free to sign contracts, sue and be sued, and enter into all legal actions. They were adults in the eyes of Texas.

UTA, lagging a bit behind due probably to large stocks of old forms, finally dropped the traditional and often inappropriate "To the parents of:" from university grade reports. Reports were mailed directly to the student.





UPPER LEFT: Interested students view prints on display in Art building. UPPER RIGHT: Spinning wheels and beautiful quilts combine to form an attractive exhibit of unusual art. LOWER LEFT: Darkroom manipulations of photographic prints create striking abstract art. BELOW: Face to face, a bemused visitor analyzes a curious piece of art.

Visual Communication Aids Serious Artists



The Art Department kicked off their year with an exhibit by Terry Hayes, a TCU graduate student. After the students got a chance to show their wares in September, the faculty got its chance. Among the works shown was the personal quilt collection of Dr. Mary Hodnett.

The Tamarind Prints, a famous collection from Tamarind Street in Los Angeles, were on loan to UTA by the Amon Carter Museum from January 14 through February 1.

Other exhibits included the win-

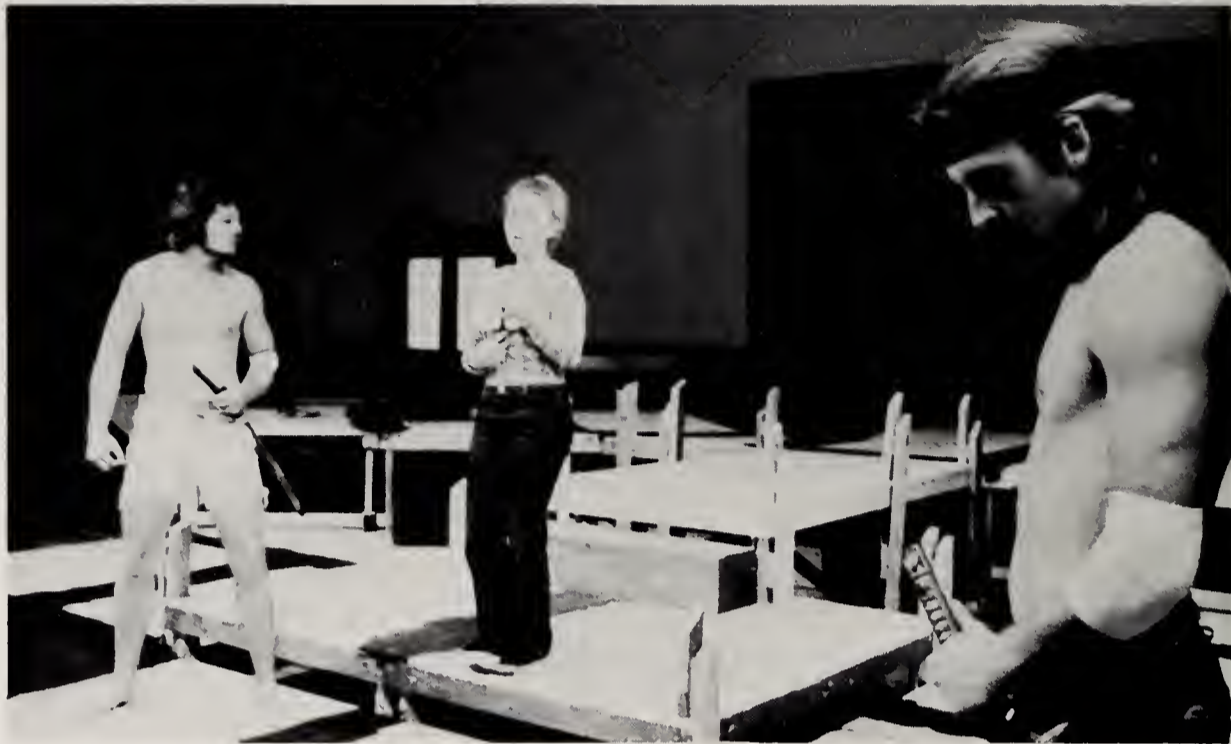
ners of the 1973 Dallas/Fort Worth Society of Visual Communications, the works of Eleanor Merrill and a student honors exhibition.

In addition to art shows, the Art Department co-sponsored free films on art in University Hall every other Wednesday.

During May 4 and 5 the department exhibited work in the annual Trinity River Festival in Fort Worth. The festival included presentations and exhibits from all the arts.



"Rashomon", directed by Charles Proctor, tells the story of an Oriental rape and murder from different viewpoints.



Dramatists Stage Violence, Levity

Vivid, insane and potentially lewd were just a few of the adjectives students used to describe "The Three Cuckolds," the second production of the drama department in the fall.

The play revolved around three unfaithful 16th century wives and their husbands in Italy and opened December 6 in the student center ballroom.

Larry Scurlock portrayed Aeleccheno, the man who discovers the secret amours of the three wives, played by Catherine Johnson as Flaminia, Brenda Turner as Francheshina and Judy Kern as Cintia.

Ms. Mary Lou Hoyle, play director, described the comedy as a bawdy scenario, having only a gen-

eral order of events rather than a specific script, which "must be well-timed to be effective."

The cuckolds (men whose wives are unfaithful) were: Robert G. Johnson as Zanni, Robert L. Johnson as Pantalone, and Don Miller as Koviello. Other characters included Marcus Watson as a hip devil and Kim Koen as Leandro, the lover.

Costumes were designed by Durrelle Green, senior drama major, and created by Beverly Roberts, assistant professor of drama. Mike McBride provided stage design.

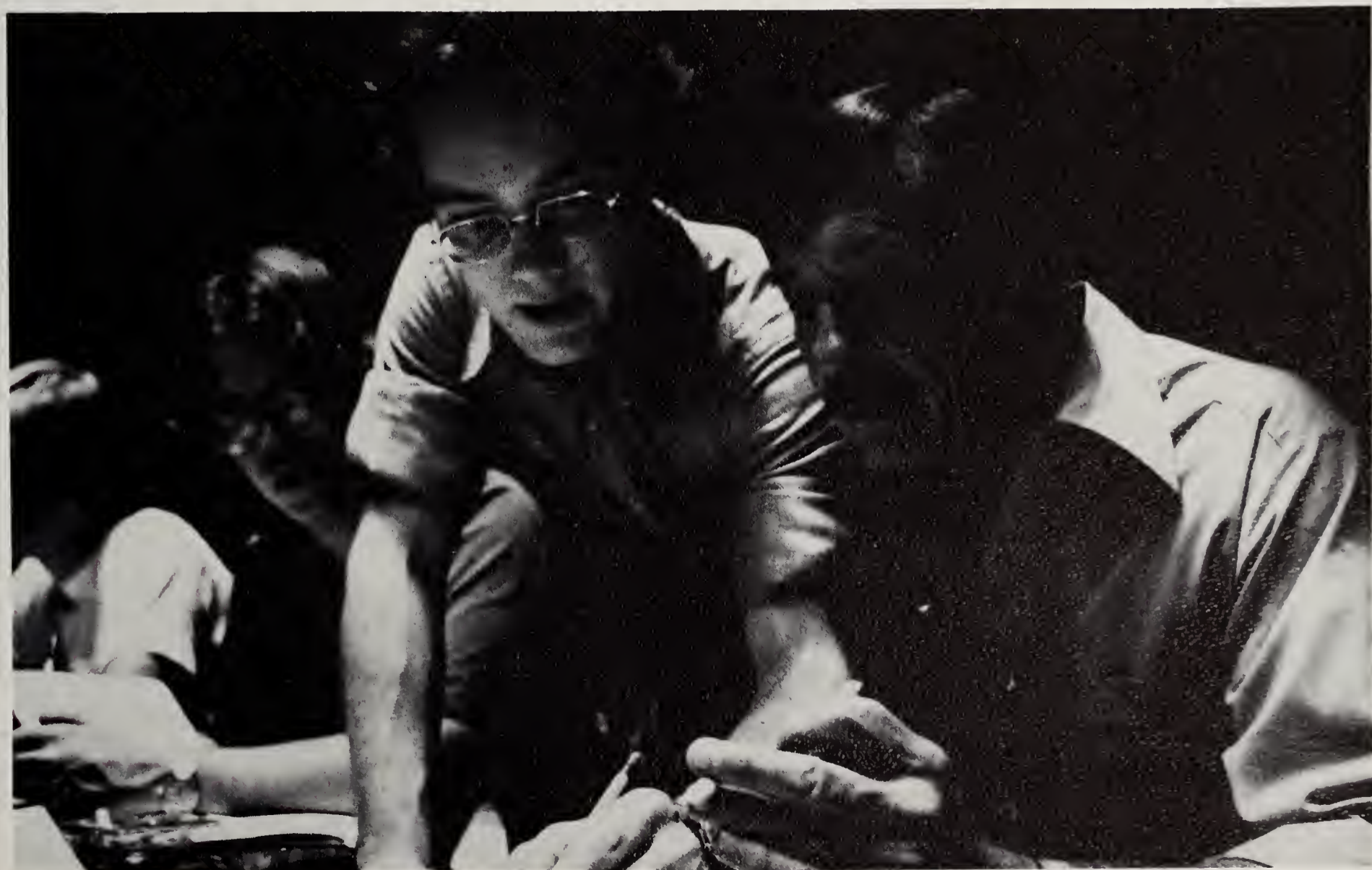
In a more serious light, "Rashomon" opened Oct. 25 in the student center ballroom, running through the 28th.

Melissa Broadway, senior drama major, was serious about the lighting because effective lighting was essential in this oriental play about four differing versions of a rape/murder case.

The story was retold by the bandit Tom Koen; the woodcutter, Mike Jarzabski; the medium, Paula Parkman and the bride, Mary Graytac.

Other characters were: Juan Alvarez as the wig maker who judges the stories, Randy Fry as the mother, David Busby as the husband, Milo Strawn as the priest, and Guy Gordon as the spirit's voice.

The play was directed by Charles Proctor.



Andre Kole

Illusionist Andre Kole visited campus following spring registration. Kole is recognized as a leading inventor of magical effects and has performed on many college campuses in recent years.

His tour was made in conjunction with the Campus Crusade for Christ International.

Kole was once challenged to investigate the miracles of Christ from the viewpoint of an illusionist. The results of this investigation caused his alliance with the student religious group.



RIGHT: Kole's assistant aids the illusionist. ABOVE: Andre Kole.





Semana Chicano III

The Mexican-American students on campus are becoming more and more active, said Gilberto Iberra, president of the Association of Mexican-American Students.

"Back in August we gave several scholarships in conjunction with the Chicano Coalition. We do much more with the Coalition, which consists of eight area colleges. In fact, we are going to have another dance to raise scholarship money during Semana Chicana (Week of the Chicano)."

In the middle of intramurals and parties, AMAS sponsored a Christmas drive for toys to go to children in the "Barrios," the Mexican-American community.

During the Fall semester, AMAS sponsored Semana de la Raza Week, which included a Pinata Bust and speeches by Almo Galinda and Guillermo Galino, co-editor of the Dallas Chicano newspaper.

"Semana Chicano III" was the week of the Chicano with festivities being kicked off April 21 with an art show at the Minorities Cultural Center in the Library. Twenty local artists displayed their work to the tune of a Mariache band.

Mexican food catered by Pulidos was sold in front of the student center with entertainment by children from Saint Mary of Carmel Theatrical Group, who did folk dances.

One day of festivities was reserved for recruitment as youngsters from Fort Worth high schools were invited to the campus for a general information session.

Speeches by representatives from Raza Unida, Ramzy Muniz and Carlos Puenta, a luncheon for AMAS members and alumni at Caros Restaurant, and the Third Annual Chicano Coalition Scholarship Dance helped round out the week-

long activities.

AMAS President Iberra said the week was to focus awareness on the Anglo and the Chicano societies. "To the Anglo society, AMAS wishes to show our contributions to the American way of life and for the Chicano, AMAS wishes to strengthen the concept that we have much of which to be proud."



Week Emphasizes Black Awareness

Black students were equally busy during the year.

Several sports activities, the proceeds of which went to the Sickle Cell Anemia Foundation, were sponsored by Alpha Phi Alpha.

Black History Week brought such notables as Cornelius Brothers and Sister Rose, Nikki Giovanni, a famous black poetess, and Dr. Marion Brooks, president of the Texas Association for Sickle Cell Anemia to campus.

Other activities included films on black history, a soul food dinner sponsored by United Soul, and "Sounder," a film about a family of black sharecroppers during the Great Depression.

Dean Reby Cary expressed his delight with the activities saying that "the week was a boost to the black community through awareness and the study of Black literature.



UPPER LEFT: Chicano activities include pinata busting for the tasty treats within. LOWER LEFT: Dancing to Mariache music in traditional attire accents the uniqueness of Chicano culture. UPPER RIGHT: Topics ranging from Black pride to Watergate receive equal attention from Dick Gregory. ABOVE: Dean Reby Cary chats with students during the Black student reception. RIGHT: Black fashion accents the week.



*Impeachment
of a President?*



President Richard M. Nixon—tyrant over an oppressed people or oppressed by a tyrannical people?

Some on campus argued "Impeach him," while others circulated impeachment petitions. However, still others remained loyal to the underdog president in spite of all the tumult.

After more than a year of scandals, including the Watergate incident and its coverup, the IT&T case, the milk fraud scandal, controversial income tax deduction, and various improvements to the President's San Clemente estate, the President began to fall drastically in the popularity polls.

Impeachment clouds weighed heavier and heavier down on Washington as the year progressed. In spite of his quick action during the Yom Kippur War and the

successful peace efforts of his Secretary of State, Kissinger, his popularity fell to 23% in the Gallup Polls in March. Even one-time staunch supporters were jumping ship to abandon an apparently drowning President.

Nixon was plagued by more than scandals during the year. As the Middle East was erupting, Arab countries cut off oil supplies, giving us a chillier winter, emptier streets, and fuller autos.

The backs of the environmentalists were wrenched by the oil embargo as the Alaska Pipeline bill was given a hesitating presidential nod. Shale oil drilling and the elimination of "oil costly" pollution devices on new autos looked as inevitable as gas rationing.

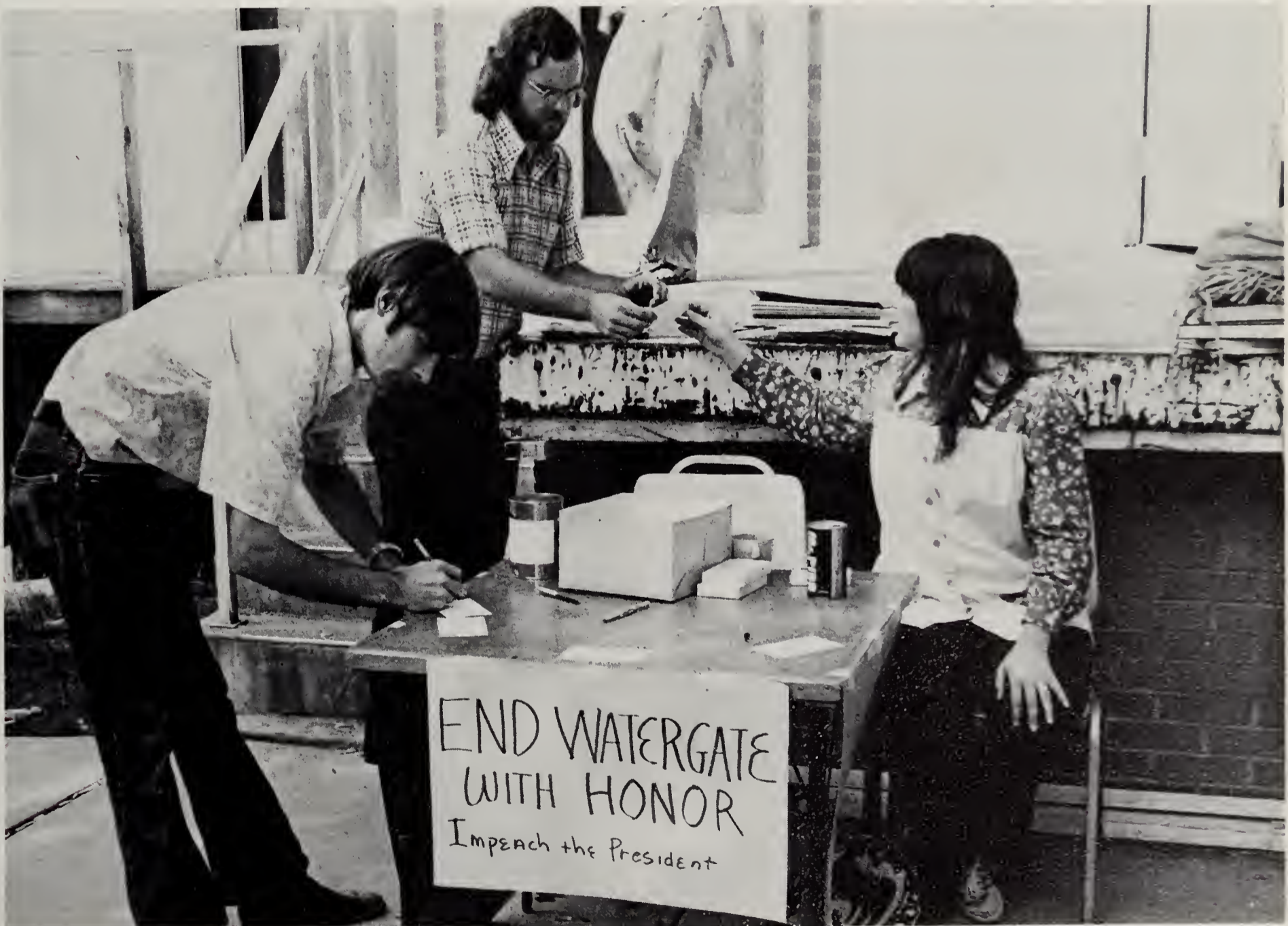
Spiraling inflation also taunted the President. It was a big year for

inflation, as most Americans experienced a whopping 18% increase in overall prices in 1973.

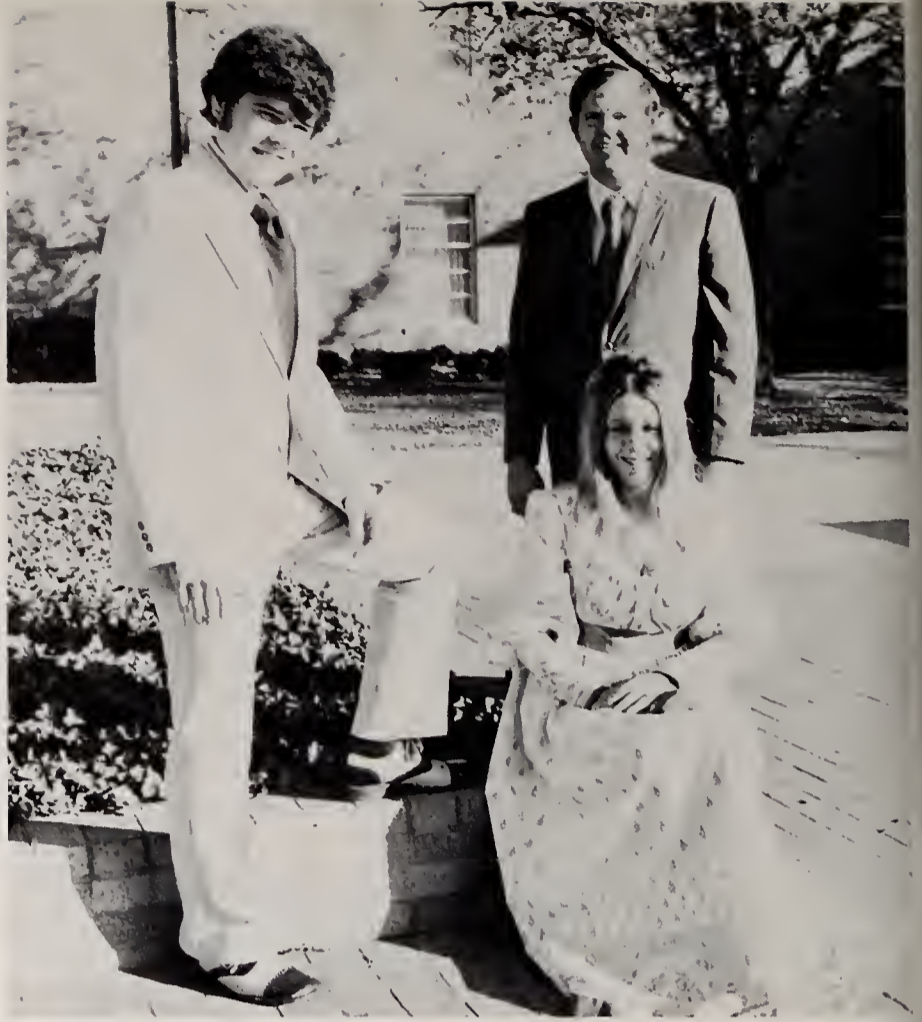
Things were not all bad, however. Secretary of State Kissinger received a joint Nobel Prize for his work in halting the twenty-year-old Vietnam War, and our men once held as prisoners of war in Vietnam were home.

After Operation Candor failed, Nixon began to mix with the common folk on airplanes and on stage. Neither a duet with Pearl Bailey nor a Yo-Yo performance at the new Grand ol' Opry hall could help his rating much.

One day the history made during the year will be known to school children all over the nation, but as the history was unfolding, students could only say, "What the heck is going on?"



This table, located behind the library, is one of three placed in various locations around campus. Manned by anti-Nixon proponents, students could fill out cards to the president and sign impeachment petitions.



Who's Who





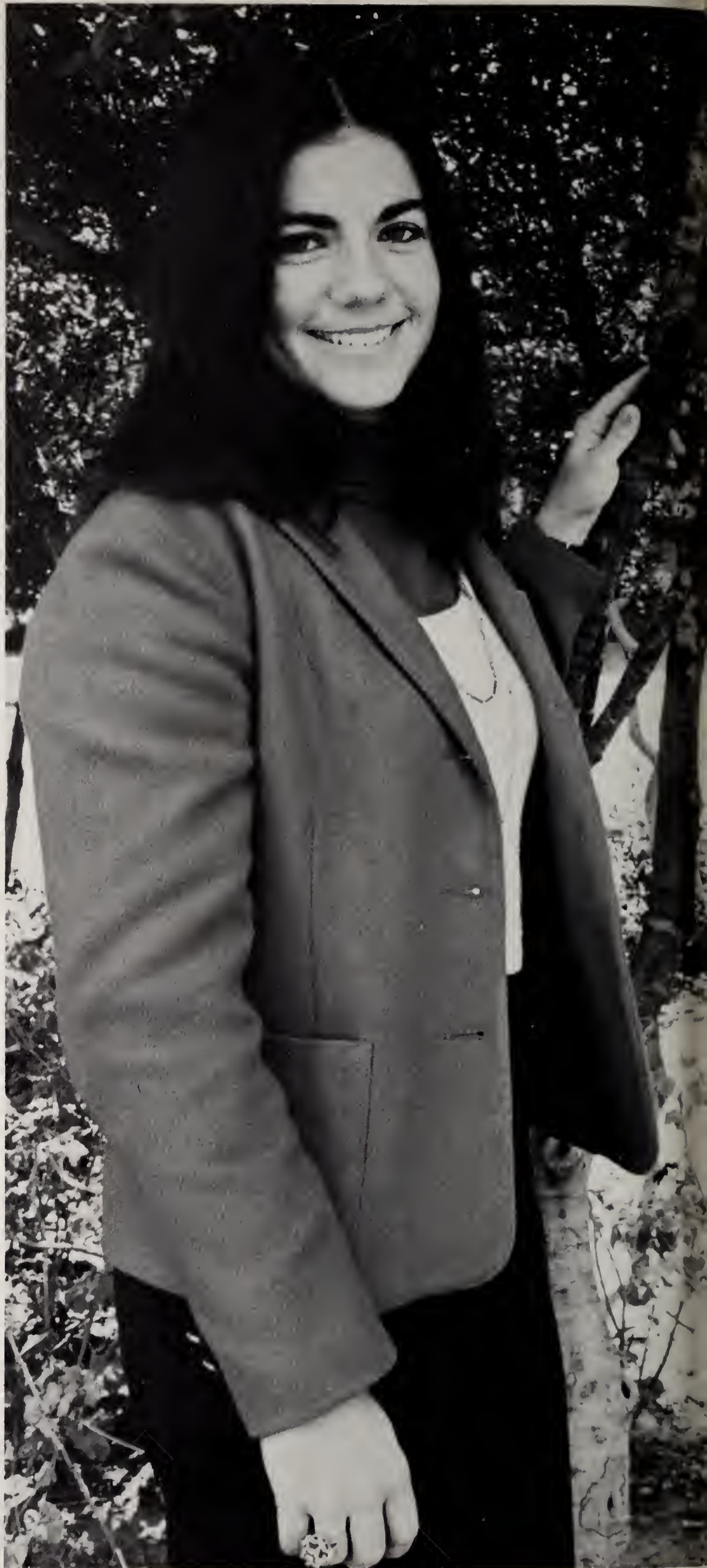
FAR UPPER LEFT: Mike Dunn, business administration; Marjorie Kunkel, music; Henry Beidleman, business administration. FAR LOWER LEFT: Pete Shack, CE; Judith Corley, CE; Michael Stinehelfer, CE. UPPER LEFT: Michael Craiglow, EE; Steve Brammer, EE. LOWER LEFT: Glenn Morris, AE; Randall Little, physics; Louis Eichenberger, EE. BOTTOM: Walter Leonard, government. BELOW: Durline Dunham, spanish.



Who's Who



FAR UPPER RIGHT: Victor Cawoski, IE. FAR CENTER RIGHT: Terri Pearce, women's physical education. FAR LOWER RIGHT: Charles Beeman, geology; Rebecca Dodge, geology; Kathy Pill, student publications. UPPER RIGHT: Allen Reuben (kneeling), biology; Phillip Crow, AE; Nita Ann Walker, spanish. RIGHT: Kandy Knox, women's physical education. ABOVE: Richard Tibbets, mathematics; Katherine Taylor, mathematics. NOT PICTURED: Paul Brown, business administration; John Ranes Jr., accounting; Michell Wells, English; Thomas Prehoditch, government; John Beall, military science; Lee Dunk, military science.





Handicapped For a Day

Campus administrators experienced the hardships faced daily by the handicapped students here as they participated in Handicapped Administrators Day on Thursday, March 21.

Although many renovations had been made during the year, the administrators found that much more is yet to be done in making UTA an ideal campus for the handicapped.

"I gained a new perspective from the vantage point of a wheelchair," said President Wendell Nedderman.

David Brock, president of the Handicapped Students Association (HSA), said, "We feel the day was a success because the administration saw some of the things we have been trying to explain for a long time."

Others participating were Wayne Duke, dean of Students Life; Dr. William Baker, vice-president of academic affairs; Elwood Preiss, assistant to the president; Wylvan Parker, coordinator of student organizations; Everett Strahan, director of the physical plant; and Kris Kirkpatrick, sponsor of the handicapped students.



UPPER RIGHT: Elwood Preiss, director of student administrative services, tries to get through door of Davis Hall. LOWER RIGHT: President Wendell Nedderman experiences the frustration facing many handicapped students in university restrooms. Addition of several special facilities have somewhat alleviated the problem. ABOVE: Nedderman prepares to traverse the new mall in a wheelchair. Complaints have been received from handicapped students regarding the design of the new campus mall.





FAR LOWER RIGHT: Fashions for tennis and other types of fun in the sun are featured at SAB's outdoor fashion show. LOWER RIGHT: Ski fashion show features the latest in sportswear. RIGHT: The Coffee House, another SAB innovation, may include alcoholic beverages in the near future. BELOW: Shapely model presents fashions to flipper by. SAB's Fashion Etc. council is responsible for fashion presentations. ABOVE: Playboy Playmate Carol O'Neal hosts SAB's annual Playboy Fashion Show.





Spring SAB





International Talent Displayed



LEFT, BELOW: Arab students perform during Foreign Student Talent Show. ABOVE: Audience applauds skilled talent.



Streaking Is Popular But Shortlived

Although streaking got off to a slow start here, our own little roller skating superstar put us in the big time. Yes, in the midst of all those ski-masked, tennis shoe clad ho-hum streakers, it was good to know that the novice nudies on campus could show a little----imagination.

The Terrific Twelve, a group of interfraternity sprinters in March, still didn't cause as much excitement as the two who ran across the room, interrupting Ms. Florence Howe, keynote speaker at a women's forum

For the most part, area and university police did little to discourage the new-found sport. Most officers were happy to see any form of excitement on this campus.

As finals drew near in the spring, most people had realized that streaking was a dying art and would probably not develop past infancy.

However, W. R. Shuttee, assistant professor of economics, shed a glimmer of light on the dimming situation when he told a class of students: "You're lucky. You've got something to be remembered by. The class of the 60's is remembered for the riots and you'll be remembered for the streakers. Think about it. What do you remember the 50's for?"





FAR LEFT: Innovative streaker dons roller skates to do his thing. TOP: There's a loud, piercing whistle and doors open to reveal (very) a ski-masked streaker. LEFT: KAMC radio covers (not very) streaking along Pecan Street along with police and a variety of spectators (ABOVE).

Gregory Puts Faith in Youth

Dick Gregory, comedian and social reformer, spoke on campus April 1 to a crowd of about 900, discussing most of the major social problems facing the world today.

Gregory, the recording artist, author, lecturer, actor and human rights activist, has been described as "the world's foremost freelance humanitarian."

The comedian, sponsored by the SAB Forums council, reinforced his speech with an appeal to young people for immediate action.

"I think the very salvation of this country today depends on the young people," he said. "If they don't turn this thing around real soon, it's all gonna be over for this country.

"The number one problem in America today is not air and water pollution. It is moral pollution.

"You see, America's bein' closed upon today from two sides," he continued in his speech. "We are morally bankrupt on one side, and nature's movin' in on us on the other side."

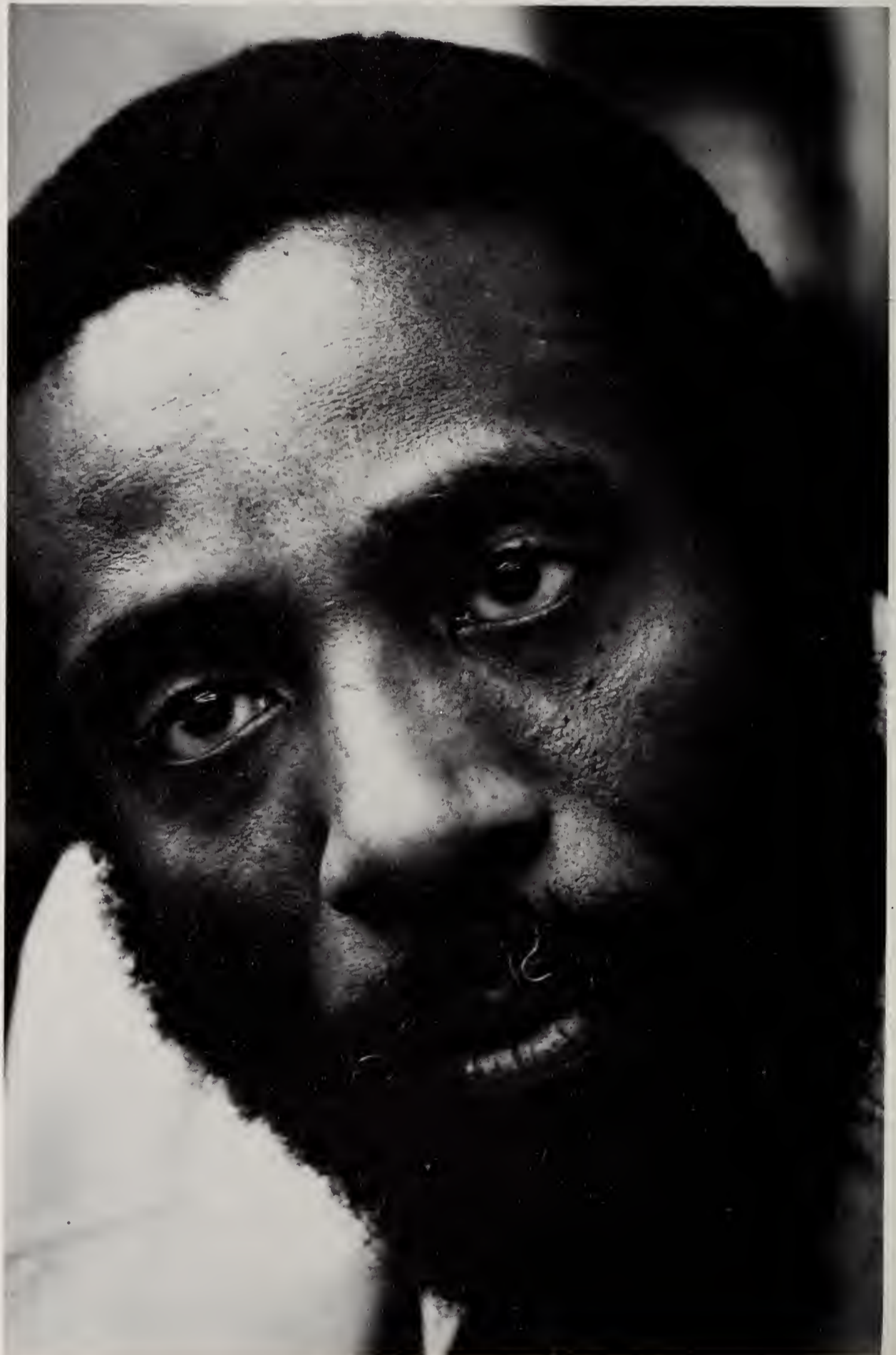
Gregory began his career as a comedian, participated in the civil rights movement and entered politics in 1967. His hope in the young people—"America's new niggers"—seems to be emphasized throughout his speech.

"The very fate and destiny of America today depends on you," he said to the crowd. "Now you

can play with that if you want to. You can have the same prejudices and fears and hangups your mothers and fathers had.

"You can take the same 'don't give a care' attitude about this country many old folks had when we were your age.

"In 1976 we're supposed to celebrate our 200th anniversary. Never before in the history of this planet earth has a democracy survived 200 years. And, if America makes it, it'll be because you kids have totally turned this country around."





Dick Gregory: author, actor, activist



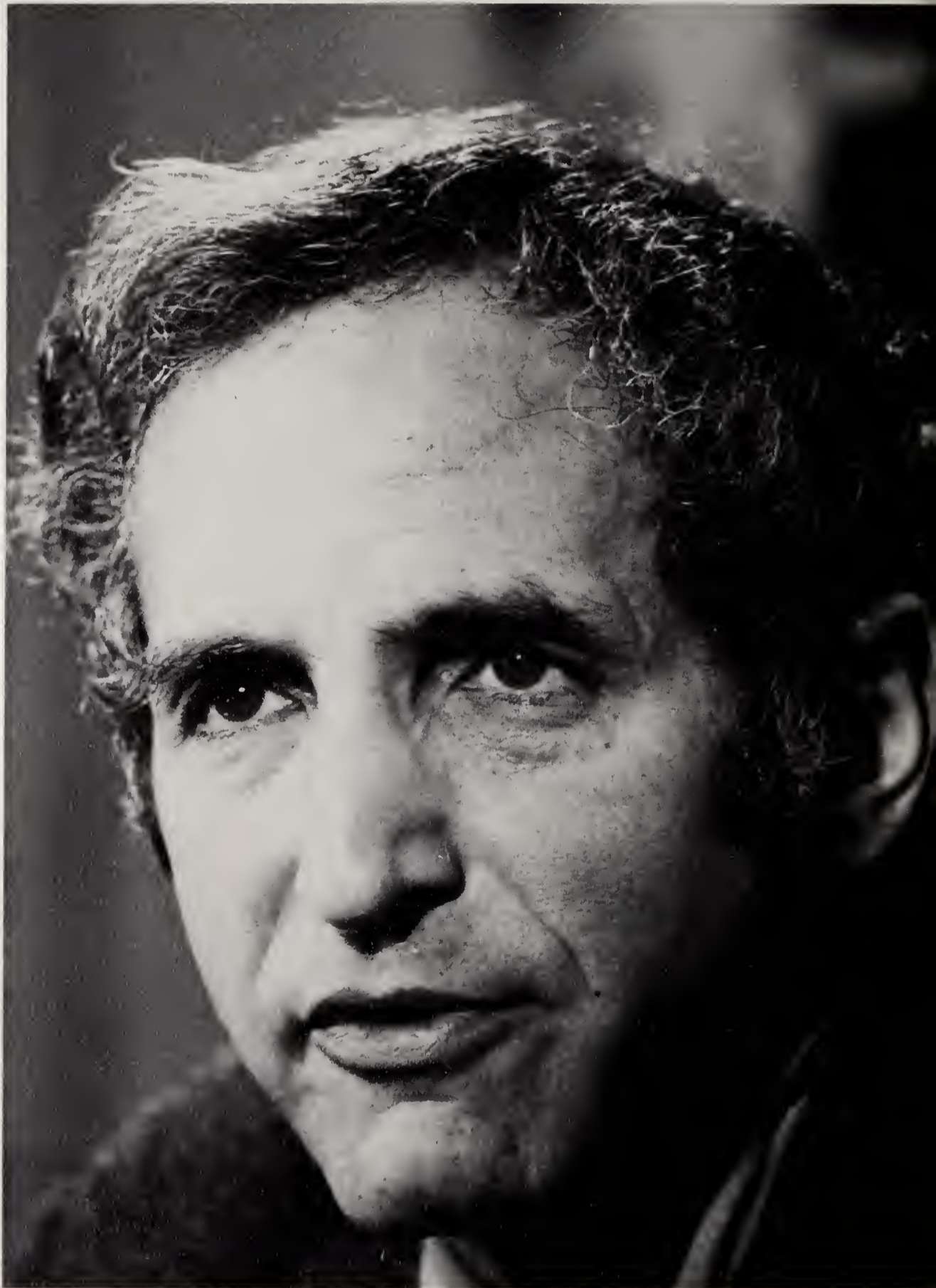
Nixon Kingship?

Dr. Daniel Ellsberg, the former government employee who released the Pentagon Papers, said in an address in March, that the Watergate scandal and the Nixon administration have done more to alert the American people to the dangers of high-level secrecy with the executive branch of government than he ever could with the Pentagon Papers.

Ellsberg, sponsored here by the SAB Forums Council charged President Nixon, in his effort to "preserve a strong presidency," is attempting to maintain a "kingship" in the United States.

"What we have had in recent years is a kind of unchecked executive branch—executive government for which there is a name and that name is kingship."

"When a president gives his reasons for a presidency as he wants it to be, as he enjoys it now and as he understands it, he's describing the arguments for a king."





Atheist Speaks

Atheist Madalyn Murray O'Hair, who describes herself as the "most hated woman in the U.S.," spoke at an informal rap session in the student center March 6.

Ms. O'Hair's visit was sponsored by Dr. Allan Saxe, the Tarrant County American Civil Liberties Union and the Society of Professional Journalists, Sigma Delta Chi.

Ms. O'Hair, whose fight against public school prayer led to the controversial Supreme Court decision banning official prayer ceremonies in public schools, spearheaded an attack on the space program, the church establishment and abortion.

She charged the military with ordering astronauts on one of the Apollo missions to conduct a spontaneous prayer with religious readings.

She called the act a "geo-political insult" to persons of other

religions.

"It was done to prove to the world that the Christians with the short hair, the good guys carrying the Bible, had made it to the moon," she said.

"I told them they had no right to order military men to pray in space or anywhere else."

Although she lost the case on a technicality, she claims a victory since there is a directive now that prohibits prayer in space by the military.

Ms. O'Hair told the audience that churches take in \$6-\$25 billion annually. Business income by churches is impossible to estimate, she said.

"Even if no one gave to the church again, and even if there were no more congregations, the church could still influence this country's political and economic

makeup," she said.

On women's rights, she is "unalterably" opposed to abortion but said the problem is not abortion, but one of birth control.

"Some women can no longer bear children after having an abortion," she said. "However, a woman has the right to decide anything she wants for her body.

"There's been no birth control information because the churches have fought it and their legislators have passed legislation against it," she said, "and how dare anyone, especially the church, take it upon themselves to tell me how to conduct my sexual life."

When asked by students about Jesus and religion, Ms. O'Hair said, "students at UTA are inundated with religion and I didn't come here to talk about Jesus or to give a sermon. I came here to talk about atheism."

Ms. O'Hair said that atheists base their lives on scientific method, common sense and natural and human history.

"Atheists are comforted by the fact that they are human beings," she said.

Editorial by Laura Allen

Nonconformist's Rights Protected

Even today, unpopular ideas about religion put the fear of God into many people.

The appearance of atheist Madlyn Murray O'Hair here in March brought that point to light.

Several irate citizens called the school, bemoaning the demise of this "God-fearing institution" and the pollution of the minds of "those clean-cut children."

One woman, in a letter to a local newspaper, said "I urge everyone in Arlington to use disinfectant generously after Mrs. Madalyn Murray O'Hare contaminates our nice town."

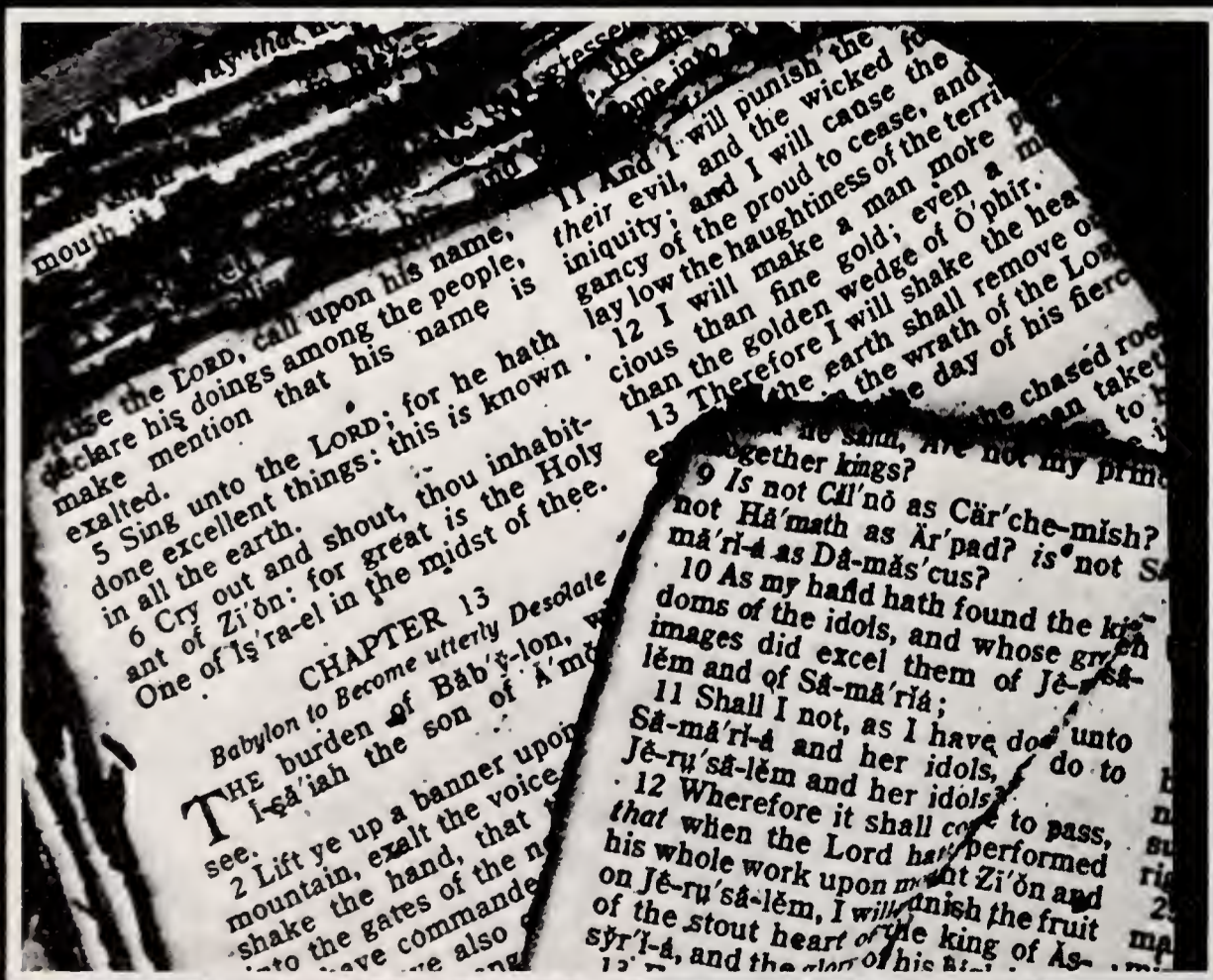
In a subdued vein, leaflets circulating during O'Hare's speech urged love, "But sanctify Christ as

Lord in your hearts, always ready to make a defense to everyone who asks you to give an account for the hope that is in you, yet with gentleness and reverence."

Although there were probably many students who more quietly echoed such sentiments, there were also those who stood in a packed room to hear O'Hare's views, unafraid of becoming "infected." The administration also did not object to her appearance.

It is sad to think there are still those who cannot tolerate nonconforming opinions. But a university remains a place where the Bill of Rights still has strong support.

Thank God.



Lib Men's Fault

Editorial by Lee Dunkelberg

A man who fights women's lib can find no sympathy, and it's justly so.

The few men who have had the courage to hold their heads above the crowd and speak out against equality for women have had their heads lopped off with little ceremony or regret.

There is nothing wrong with this, because it is men's fault that there is such a thing as women's lib.

The curse of women's lib was one that was placed on the heads of future generations (with little or no thought for their well-being) by men that had no more foresight than the person who invented chastity.

They wanted to get the little woman back into the kitchen where she belonged, rather than out on the street being chained to all sorts of things and eventually jailed.

After years of guerilla action on the homefront and more parades than a nation should be allowed in its lifetime, the men finally relented, slipped the noose over their necks and gave women the vote.

All this so they could get their supper on time and keep their wives out of jail.

Giving women the right to vote was not the travesty that has reborn the feminists and their movement. It was the actions that our masculine ancestors took, or refused to take, after granting that sacred right of suffrage.

They allowed women to be second-class citizens, and indeed they felt, as many do now, this was sufficient. However, their action equaled the cruelty of a person who offers one peanut and refuses to offer another.

Until a woman is able to walk into a bank and be granted a loan totally on her own financial abilities, or have the right to choose the vocation she desires without having to consider her sex and until she can decide what to do with her own body, the problem will be passed on.

The token actions of our ancestors must not be repeated forcing future generations of males and females to suffer.

The past generations of masculinity enjoy the quiet of their graves, far removed from the pressing problems they created.

Let us hope that this generation won't seek the same cowardly solitude.





Women's Forum Explores Roles of Both Sexes

Frances "Sissy" Farenthold and Florence Howe headed more than 20 speakers in a day-long forum on women March 6.

Expanding Dimensions '74 explored, through speeches and panel discussions, the impact of the changing roles of men and women on society.

Farenthold, defeated by Dolph Briscoe in the 1974 Democratic primary, spoke on "A Woman's Place is in the Race," and urged more participation in electoral politics.

"We have a society plagued with racism, sexism and classism," she said, "and it's for us to do something about it.

"It isn't something out there for somebody else to do, and I think it's about time, 52 years after our (women's) enfranchisement, that we take on the responsibilities and privileges of full citizenship."

Ms. Farenthold told the packed student center ballroom that she didn't attribute "all public virtue to women or to women candidates, but it's time we did our share."

Keynote speaker, Florence Howe, president of the Modern Language Association and professor of humanities at the State University of New York, spoke on "Feminist Issues."

"I'm a feminist, but a different kind of feminist. I'm an educator feminist," said Ms. Howe who co-founded the Feminist Press. She has been planning the development and testing of non-sexist high school curricular materials in literature, history and social studies under a grant from the Rockefeller Family Fund.

Questioning whether education is open equally to women and men, Howe said, "The training from pre-elementary school days on, the training men and women get, tells them two very simple facts.

"One, men are good at math

and science and two, women are good in English, language, reading and speaking," she said. "And those myths follow men and women through their educational careers."

The debate in the feminist movement and in educational theory, she said, is how much of a person is education and experience and how much is genes.

"I happen to believe the experience is more important than genetic makeup," she said, "and there is a bulk of evidence to support that."

Girls are taught from elementary school on that their role is to marry

and have a family, said Howe.

"Boys learn and are socialized almost as badly. Boys learn that they are either better at most things than girls or that they must be, in order to maintain a sense of self or ego. I say it is worse, for they have more to lose."

Other topics included the identity crisis, minorities, women and economics, women as civic leaders, women and politics, men and the feminist movement, women and the law and the image of women in textbooks, literature and the movies.



LEFT: Frances "Sissy" Farenthold. ABOVE: Florence Howe.

Insurgents Play 'Games'

The Insurgent Team, an extracurricular activity, specialized in guerrilla warfare. Ft. Wolters' specialty was 20 square miles of sand, prickly-pear cactus, mesquite and clinging, scratchy vines. The two were made for each other.

Simulated war games were on the agenda. At 5 a.m. Saturday they began loading their necessities: two canteens of water, one C-ration, a map and compass, an M14 and five magazines of blank ammunition, a field jacket and a poncho. From then, until they sank into a tubful of hot water at home Sunday afternoon, they were soldiers.





They were not college students casually pretending to be soldiers and playing war. They were men fighting their way through occupied territory to destroy the enemy's battalion headquarters, dodging "aggressors" and hiding in the brush.

They were men with little time for food and less time for sleep. They neither laughed nor complained. They were too busy learning to sur-

vive under the conditions of war.

Mistakes were made, of course, because this was a learning situation. Faulty planning, judgment and troop movements could easily be observed and corrected by Army advisors with combat experience. Real humiliation showed in the eyes of those responsible and you could tell they were thinking, "Thank God nobody died because of me."



FAR UPPER LEFT: Insurgents scromble over Ft. Wolters' rough terrain. FAR LOWER LEFT: Soldiers pause to check field map. LEFT: Team members practice repeling skills on side of College Hall. ABOVE: Re-peling is the art of descending a cliff with only rope support, as this student illustrates.

There is a paranoia that paralyzes everything within you except fear.

The team attacked the agressors' camp about 9 p.m. Saturday. When the search teams finished their job, they double-timed across half a mile of rocky, brushy ground, then stopped while the patrol leader gave his plan for a midnight ambush.

Everyone checked his map and stole a few gulps of stale water from a nearly empty canteen, then we were off again. The pace was slower, though not comfortable. And the terrain grew wilder.

The atmosphere was real. Everyone took it that seriously. There was no joking, no lagging behind, no goofing off. Each man did his part and then some.

Understanding the seriousness was a difficult thing. But it was there. Someday those men may fight real battles. They'll be trained and ready.

2,164 Graduate

Commencement exercises for graduating students were held May 17 in Texas Hall with United States Senator Lloyd Bentsen as the Commencement speaker.

Individual graduation and award ceremonies were held in the afternoon for the Colleges of Science, Business, Liberal Arts and Engineering.

A total of 2,164 students received degrees from UTA during the 1973-74 year. Of this number, 224 received masters; 8, Ph.D's and 1,932 bachelors. This brings to more than 12,000 the number who have graduated from here since UTA became a four-year school in 1959.

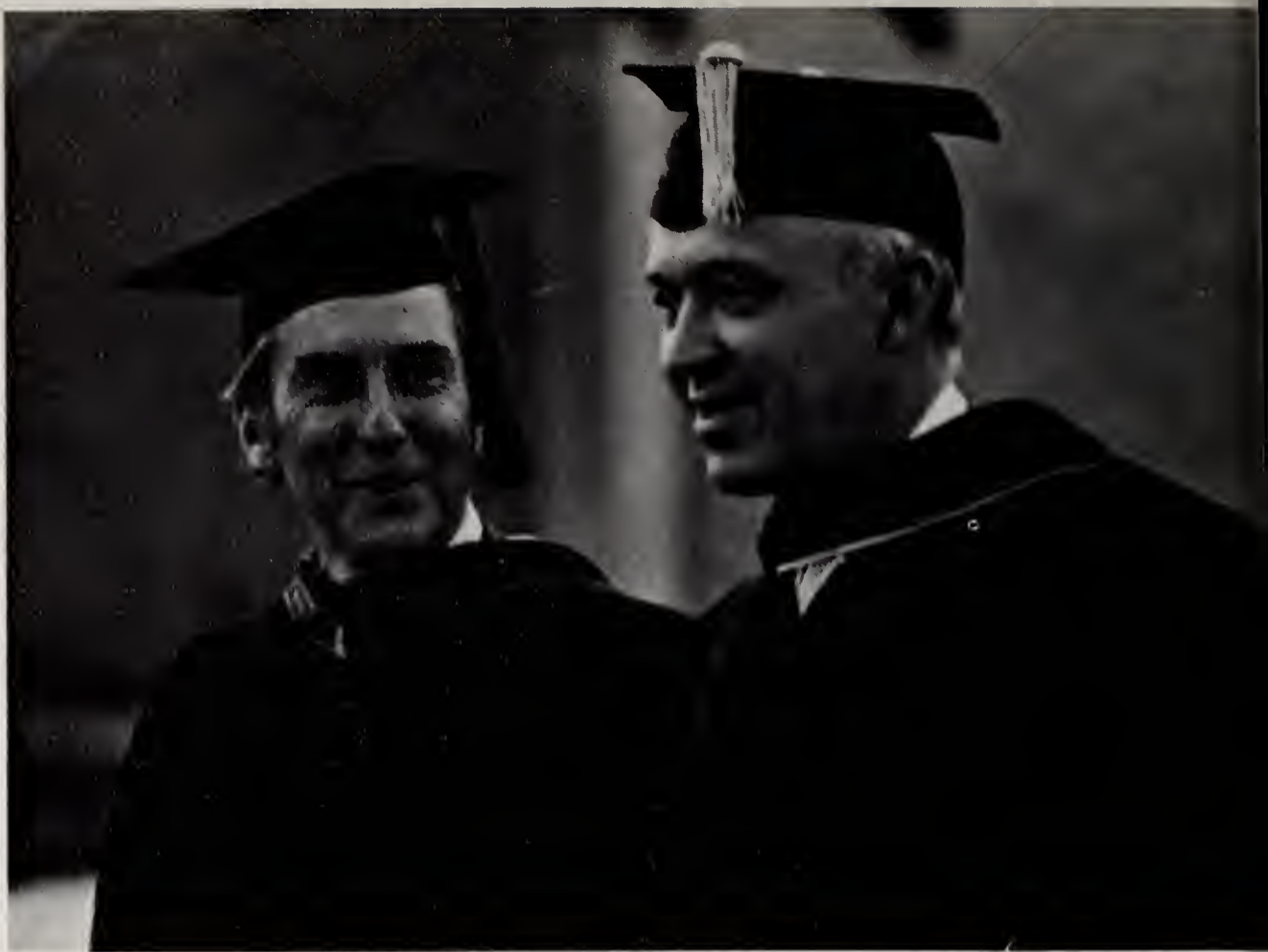
Esthel O. Stroube, who was the oldest man ever to receive a bachelors degree from here, received his masters degree in the ceremonies. Stroube, who will be 75 in August, is now also the oldest person ever to receive a graduate degree.

Two students were also honored for maintaining straight "A" averages during their four years on campus.

In his speech, Senator Lloyd Bentsen expressed hope in our nation overcoming a "crisis of confidence."

"We've had some tough times in Watergate, but we've had some tough times in this country before," he told the graduates and their families.

Stressing the importance of prospective, Bentsen cited the War of 1812 "when the Capitol was burned," the Civil War, World War II, and the Great Depression as times when the country had the strength to bear up.





UPPER LEFT: Senator Lloyd Bentsen and President Wendell Nedderman join procession, LOWER LEFT.

"We survived those things and we became stronger than the broken parts," he said.

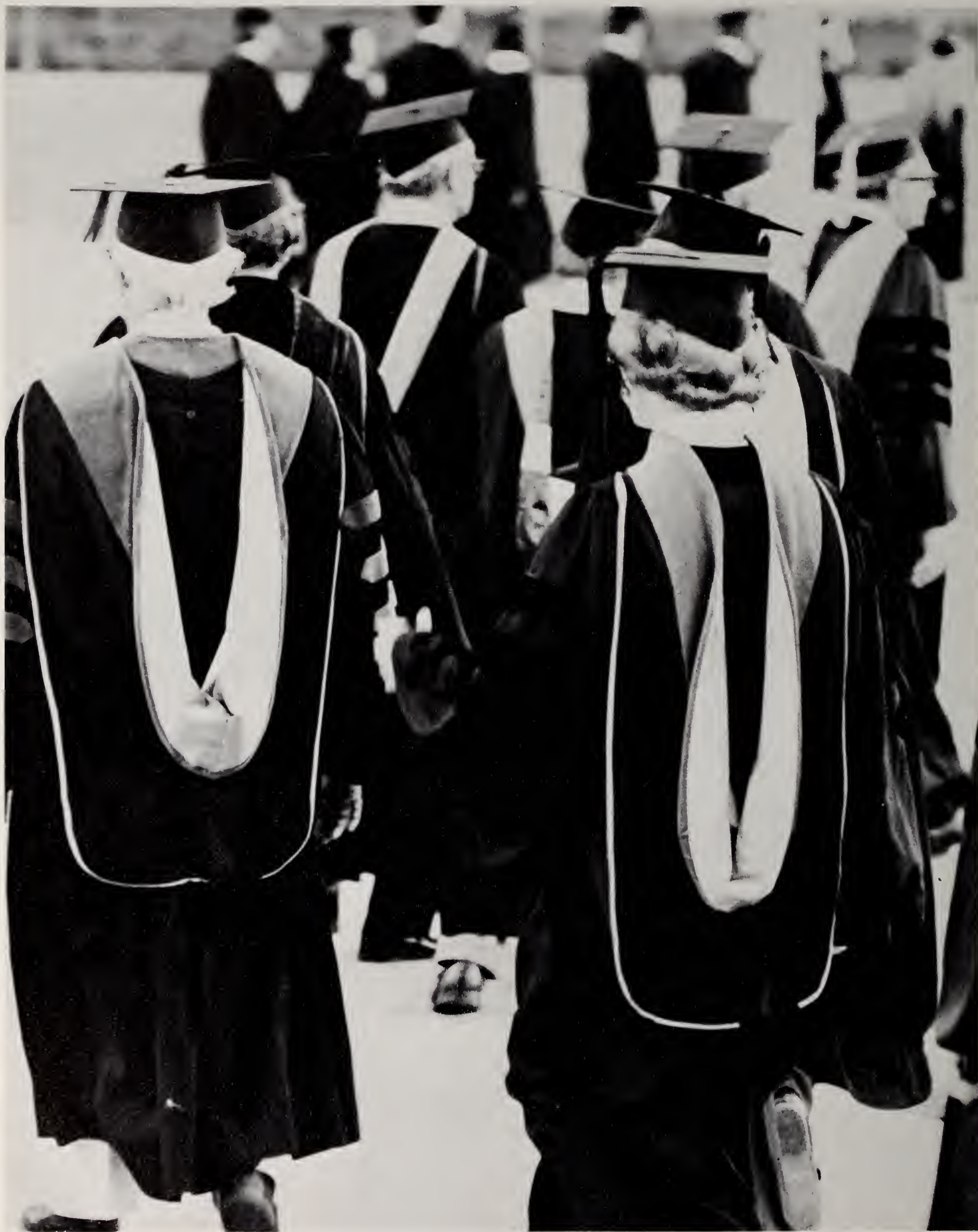
Bentsen also emphasized the "importance of conflict" in our domestic situations.

"It's conflict—not just necessity—that's the mother of invention.

"Democracy was born out of conflict, but our forefathers were not revolutionaries. I don't think that's a correct term," he said.

"They were men of reason involved in verbal conflict long before they finally had to go to physical conflict."

Commencement: End of the Beginning



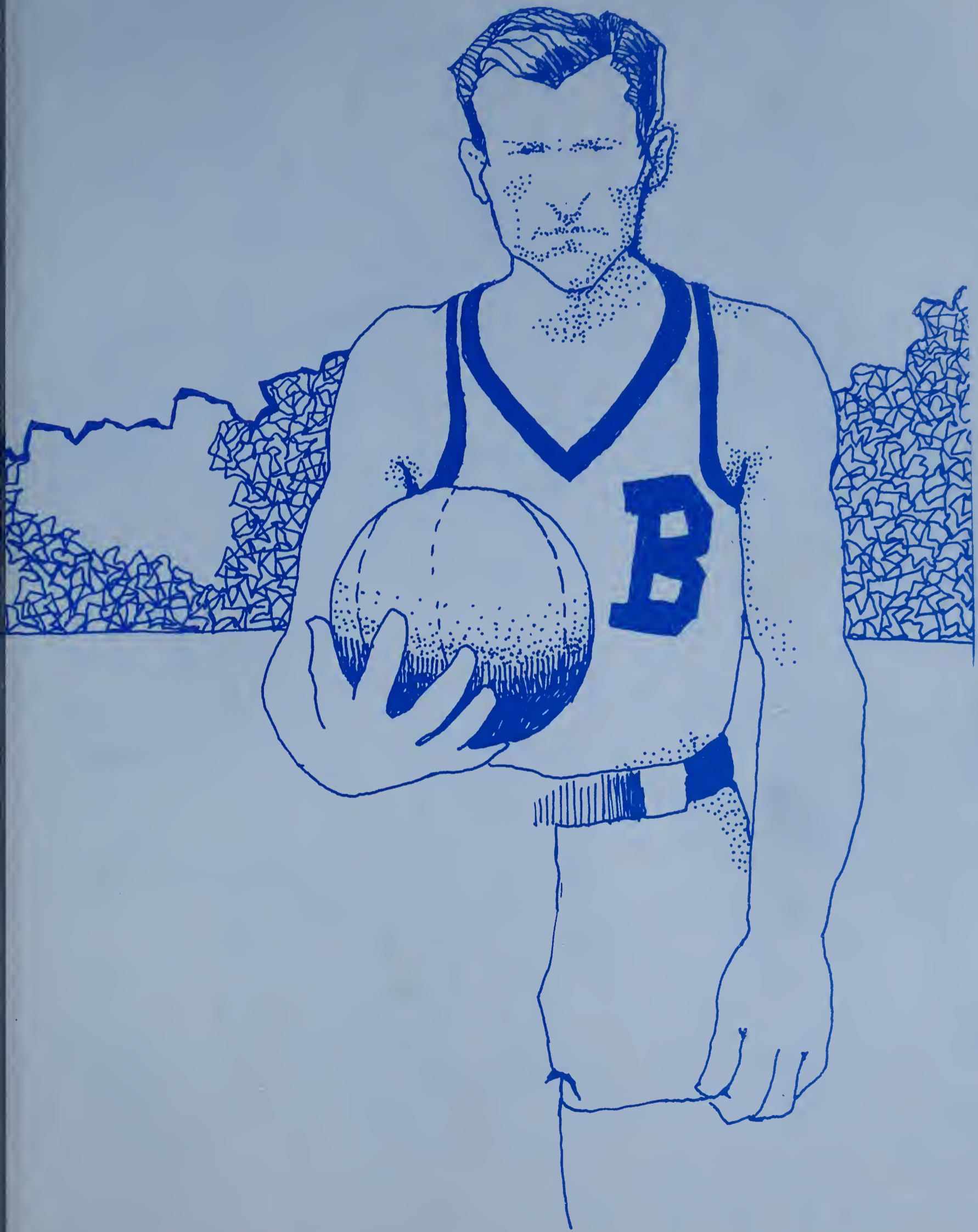


FAR LEFT: Faculty in robes, hoods and chevrons leads graduation procession across new mall and Cooper Street to Texas Hall where Senator Lloyd Bentsen addressed the group. **LEFT:** ROTC color guard adds military flair to procession. **ABOVE:** Arch Hopkins, assistant professor of biology, hurries to join the graduating group.





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Coach Disappointed With Season

An average of 3450 people attended the four home games played in Arlington Stadium and viewed a team most accurately described as inconsistent. Of their four wins, six losses record, head coach, John Symank remarked:

"I'm very disappointed in this season . . . The way we played was disappointing and in many cases embarrassing."

There were, however, some bright spots in an otherwise dismal season. Running back Dexter Bussey set a Maverick rushing record with 871 yards. Punter, Joe Whitney's 41.9 yard per kick average shattered the old mark set in 1969 by six tenths of a yard.

The season opened optimistically as the Mavs pummeled North Texas State by 31-7.

Then on two successive weekends, our boys in blue were blown out of stadiums in Stillwater and Fort Worth. Oklahoma State and TCU combined to score 105 points, while surrendering a mere 20. Regarding the Oklahoma State game, Symank said,

"We were simply beaten by an excellent football team, a class of team that we can't compete against successfully right now."

The Mavs won two of their next three games to even the season at 3-3. Against McNeese State, R.A. Copeedge booted a 47 yard field goal to place the Mavs ahead 26-24. In the fiftieth game of the season, Southern Mississippi pounded UTA 41-14. But the Mavs rebounded to sink Southwestern Louisiana 31-22. These victories were over Southland Conference foes and placed the Mavs in the unfamiliar position of a first place tie with Louisiana Tech.

In 1972 Louisiana Tech humbled UTA 35-14. The Mavs had a score to settle. Prior to the game several



Football 1973

UTA	Opponent
31	7 North Texas State
7	56 Oklahoma State
13	49 Texas Christian
*26	24 McNeese State
14	41 Southern Mississippi
*31	22 Southwestern Louisiana
* 0	44 Louisiana Tech
*14	30 Arkansas State
31	12 Western Michigan
* 7	10 Lamar

*conference game



senior team members voiced their thoughts about the decisive upcoming battle:

Bill Eden: The whole season is wrapped up in this one game.

Dexter Bussey: This game will prove the quality of our team.

Alvin Mayeaux: It's going to be one helluva game.

R.A. Coppedge: This year's game will be nothing like last year's game.

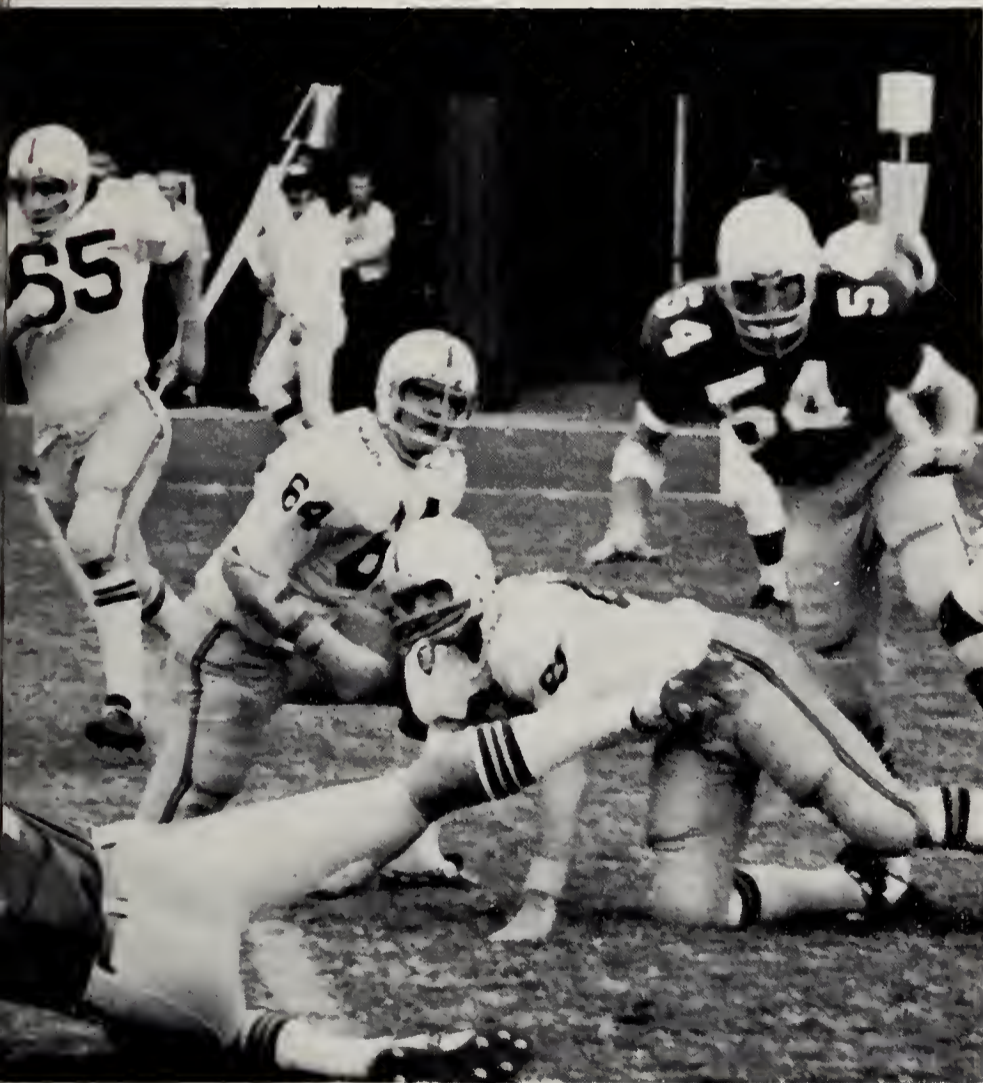
It wasn't—the Bulldogs chewed up the Mavs 44-0.

After that thrashing the Mavs marched into Kays Stadium to play Arkansas State and shuffled out on the wrong end of a 30-14 score.

Down and almost out, the team rallied and dealt Western Michigan a 31-2 defeat in front of a ridiculously sparse homecoming crowd of 3,000 or less—no one bothered to take an official count.

On the last Saturday of the season, Lamar dropped the Mavs 10-7, ending the season on a low note.





UPPER LEFT: Though some stadium workmen joined onlookers, Homecoming crowds were extremely sparse. UPPER CENTER: Dexter Bussey, top Mav ball carrier, makes for the goal. ABOVE: R.A. Coppedge punts for the Mavericks to continue his excellent kicking record.

Symank Optimistic Despite Season

REVEILLE: How long have you been head coach?

SYMANK: This is my third year.

REVEILLE: When you accepted the position, did you institute a program that would take several years to develop, or did you bring a one-year plan?

SYMANK: Our overall plan was not just a one-year proposition; it was a building program that would take three or four years to realize the full effect.

REVEILLE: Is the plan near completion, or have unforeseen events delayed progress?

SYMANK: No. If anything, we are probably ahead of schedule—if there is such a thing as a schedule. It's difficult to say, "This year we will accomplish this and next year we will accomplish that."

REVEILLE: Has the program progressed extremely well in any certain areas?

SYMANK: Yes, we feel we have made a tremendous amount of progress in the area of recruiting. My assistant coaches have done a splendid job of selling the high school athletes on UTA.

REVEILLE: Does UTA's commuter school image raise problems in recruiting "blue chip" prospects?

SYMANK: Very definitely. The "blue chip" athlete will go to Texas at Austin or Oklahoma because of the image these schools have created over the years, and because of the status certain conferences have developed.

REVEILLE: Is there a difference in the number of scholarships UTA can offer compared to UT Austin?

SYMANK: There is a big difference. Here in Arlington, we work eighty full scholarships over a four year period; we offer about twenty scholarships each year. Under Southwest Conference rules, Texas can bring in as many as fifty freshmen a year. Conceivably, Texas could be operating 200 full scholarships over a four year period; however, they usually utilize only 150 to 180 of these scholarships.

REVEILLE: How do you view UTA's relationship with the Southwest Conference?

SYMANK: Well, our ultimate goal is, certainly, to become a member of the Southwest Conference. We feel that we are conference material in many areas, particularly student body. We have more students than TCU, Baylor, Rice and SMU. But with regard to our athletic teams, right now we cannot compete with these people simply because of the scholarship differences. Recent NCAA legislation, however, has set a limit of thirty

freshman scholarships and a total of 105 scholarships that these schools can offer over a four year period. This is going to bring these schools down to our size, athletically speaking.

REVEILLE: How long do you think it will be before UTA becomes a member of the Southwest Conference?

SYMANK: Well, we have not made any overtures to the conference officials, but they are certainly aware of us here in Arlington. It might be 1980 or 1985 before they approach us; then again, it could happen sooner than that.

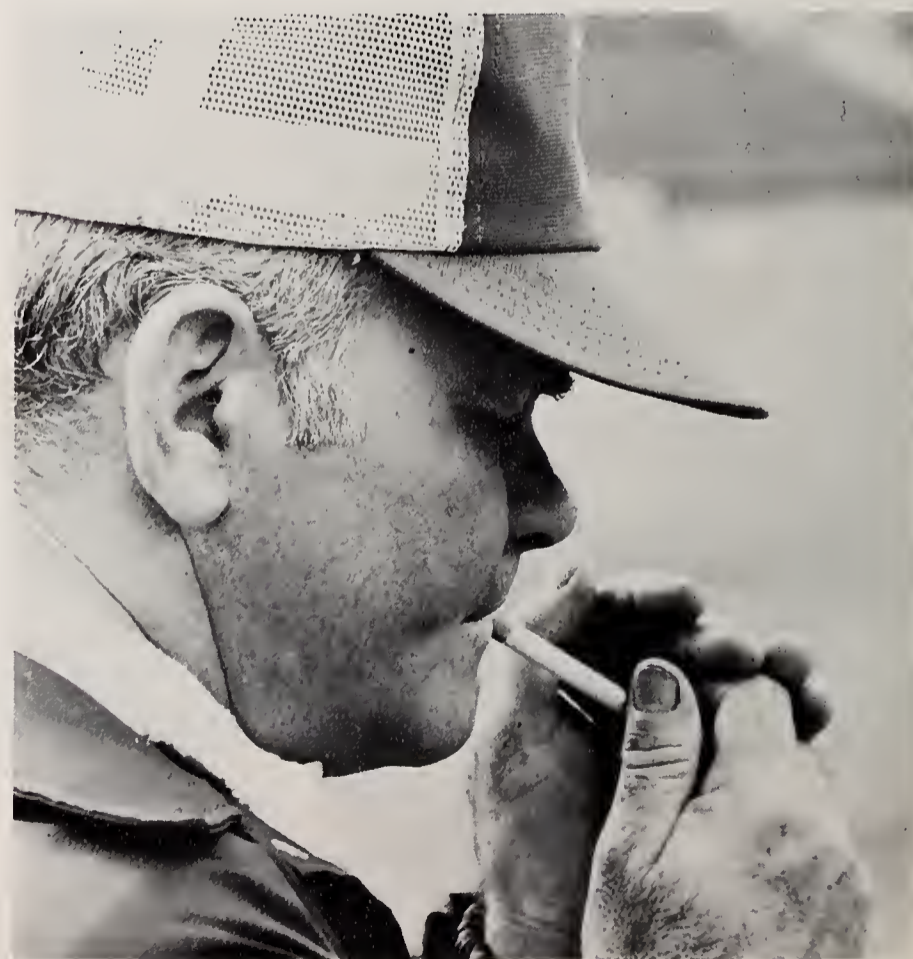
REVEILLE: Could the back-to-back losses to TCU and Oklahoma State be a reflection of problems in the locker room?

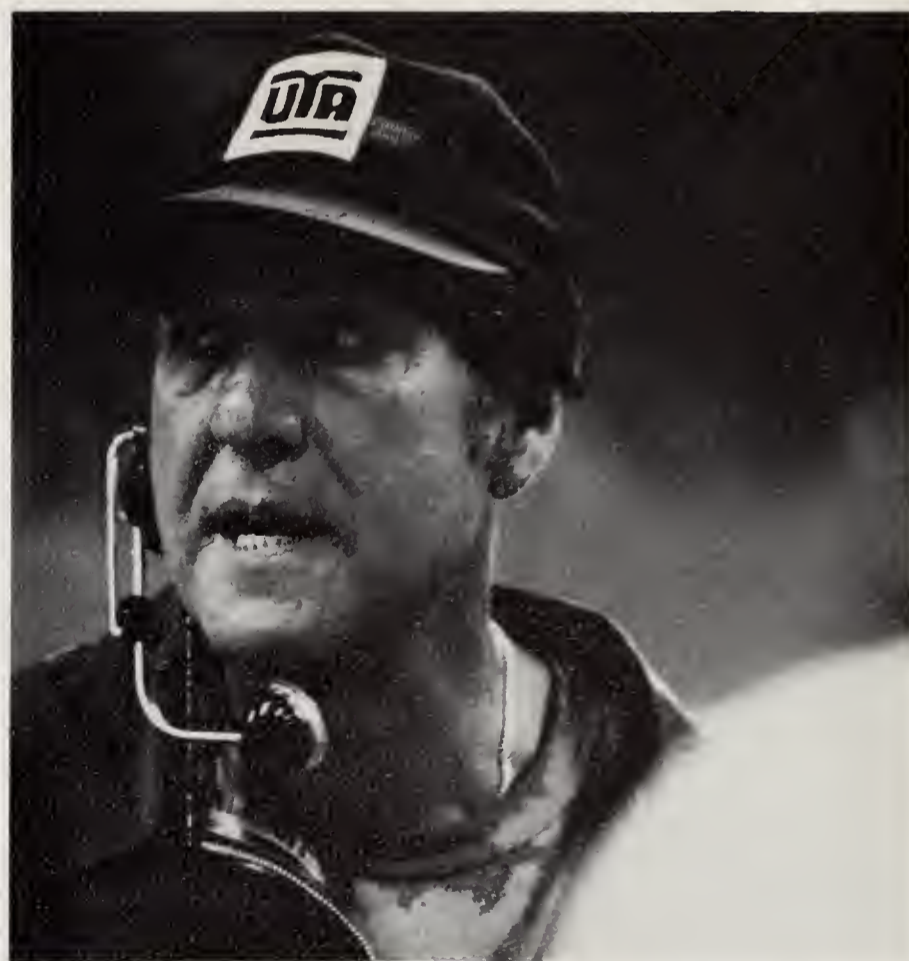
SYMANK: No. At Oklahoma State we were beaten by an excellent football team; they simply outplayed us. As far as the loss to TCU, our team was perhaps too charged up, or "psyched up", and consequently we made some mistakes. If there was locker room problem related to the TCU game, it would have been that I got the team too mentally high for the game.

REVEILLE: Are there any problems in the locker room at all?

SYMANK: Aside from the normal situations that crop up, we don't have any. There are no severe personality clashes, no black and white problems; there haven't been any incidents to speak of, and certainly none with bad consequences.

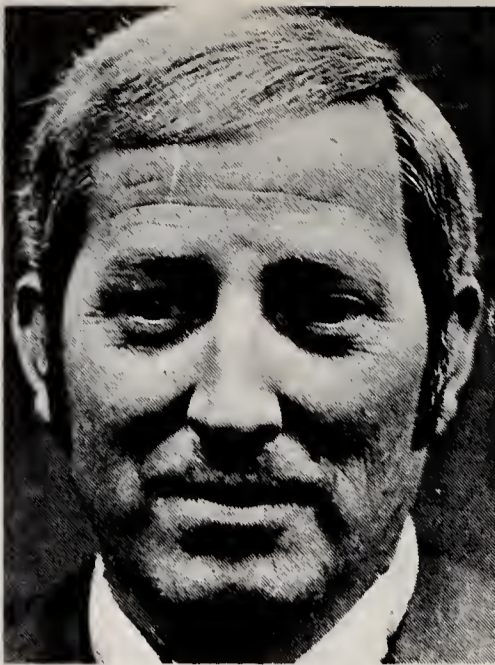
Our players have an excellent rapport with each other, and with the coaches as well; you'll find that a lot of good things happen between the coaches and the players on and off the field.





FAR LEFT: Offensive coach Lamar McHan lights up on the sidelines during a rough spot in the game. LEFT: Symank chats with a junior fan during Maverick Press Day. ABOVE TOP: Head coach John Symank confers with players on the sideline. ABOVE: Defensive coach C.O. Brocato barks orders to the team while keeping track of pressbox spotters by telephone.

Team Gets New Coach



Harold "Bud" Elliott, former head football coach at Kansas State Teachers College, was named the new head football coach here February 7.

Elliott, selected from about 30 applicants by the Faculty Athletic Council and President Nedderman, takes the post vacated in mid-January when John Symank resigned to become defensive secondary coach of the professional New York Giants.

Elliott came to UTA a winner after having led KSTC to two Great Plains Athletic Conference championships in 1972 and '73. His KSTC teams went 17-11-1 in three

years.

In explaining what he thought it would take to build a winning program, Elliott said he learned a "long time ago" that community support is one of the prime considerations.

"At the same time," he added, "there's only one man to answer for the program—that's me."

Asked about the prospects of inheriting a losing team, Elliott replied that he had "never inherited a winner. But I'm confident the type of program we will give the people will be not only entertaining, but exciting."



RIGHT, ABOVE: Memorial Stadium comes down to make room for the new student activities building. TOP: Bud Elliott.



Yells, Claps, Drum Rolls Cheer Team





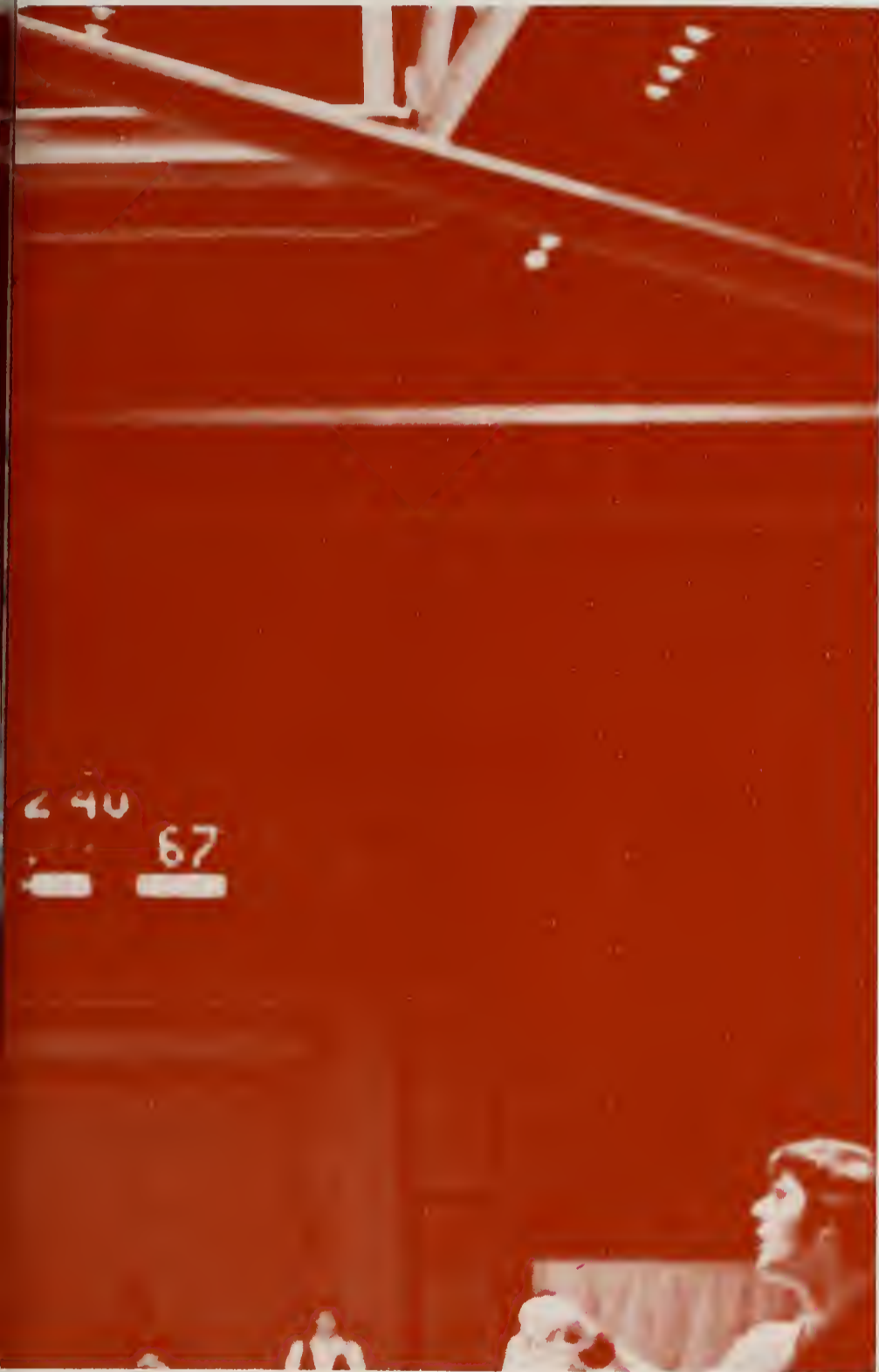
Police, yell leaders and band all seem to be rapped up in the spirit of the Homecoming game.



Disappointing Season Nets Mavs 7 Wins,

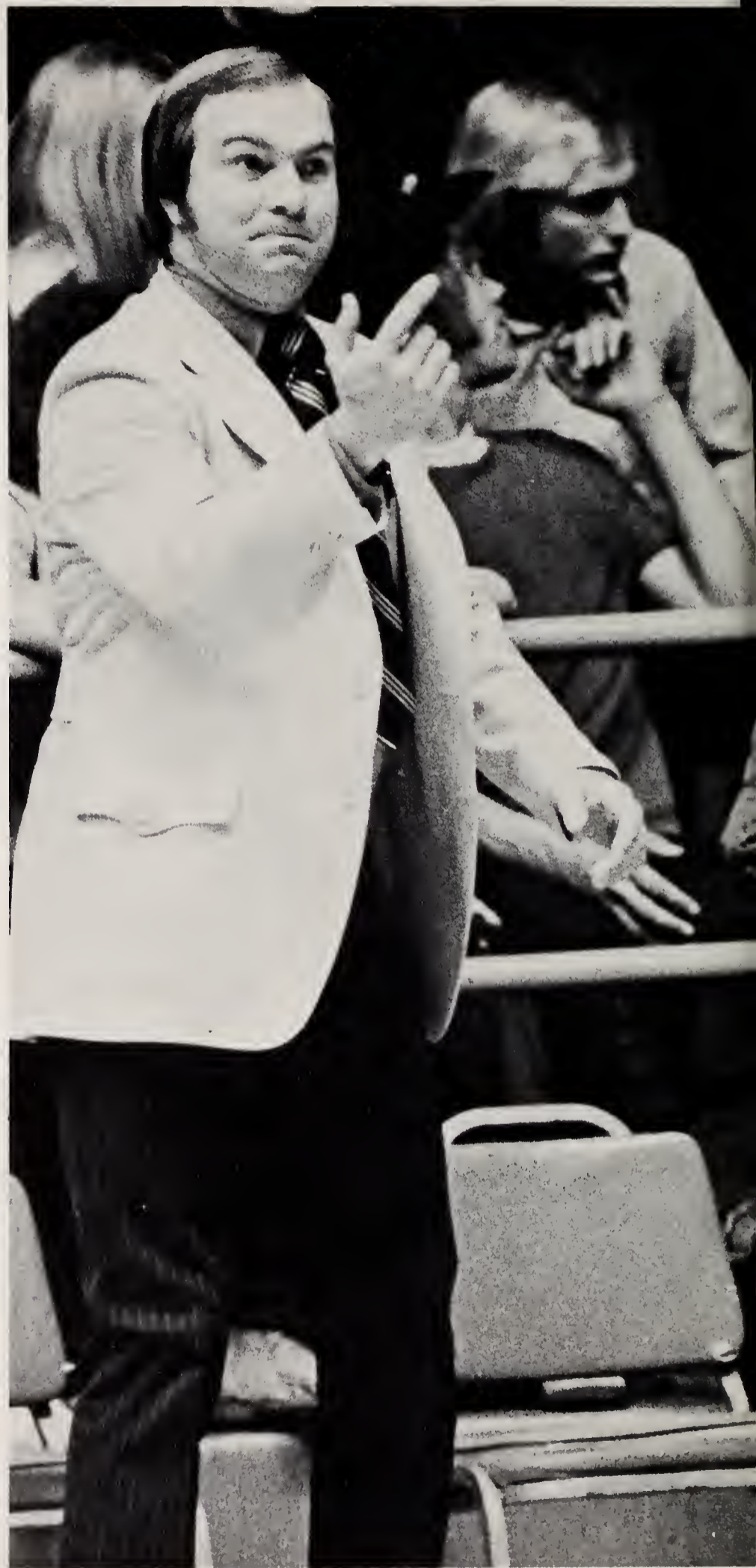


18 Losses



UTA	Opponent
62	90 Ohio State
72	83 SE Oklahoma
77	84 Hardin-Simmons
63	73 Pan American
65	68 Cal. State Fullerson
85	70 Fresno State
89	85 SE Oklahoma
52	70 West Texas State
58	61 Pan American
82	93 North Texas State
86	84 Houston Baptist
71	85 Oklahoma City
58	70 Arkansas State *
78	92 McNeese State
61	81 Hardin-Simmons
74	73 Lamar *
79	81 NW Louisiana
73	82 Louisiana Tech
78	79 Arkansas State *
76	68 Oklahoma City
65	93 McNeese State
85	76 Lamar *
66	61 West Texas State
82	91 Louisiana Tech
86	94 Houston Baptist

*SLC games



Roundballers

Mesh Gears Late in Season

It was more a case of "How do you do?" than "How's it goin'?" this season for the Maverick basketball team, which posted a 7-18 overall record and a 2-2 Southland Conference mark.

With just three lettermen on the squad and only one of those a starter, it figured to be a building year.

"Half the season was over before we really got to know each other," said senior Rick Heaton. "I feel like if the season had started about the middle of January we would have been much, much better."

Unhappily for the Mavs, the season started at the end of November. Yet Coach Barry Dowd already was making big plans for the 1974-75 season.

"When you think that we lose only two seniors—Rick Heaton and Ronnie Marsh—and look at the players you have coming back, you see what a big year it could be for us."

For starters there's Jerry Johnson, a 25-year-old Vietnam veteran from Bullard by way of Jacksonville Junior College. Johnson, a 6-6 junior, served as the Mav's captain this season and was the first team all-Southland Conference selection. In the same breath you have to mention 6-7 Michael Long, a freshman from Houston Wheatley, who was at the top of the all-SLC second team.

This pair led the team in virtually every category: Long in scoring (15.7), Johnson second (13.4); Johnson in rebounding (9.5), Long second (7.9); Johnson in field goal percentage (.582), Long second (.477).

Both Johnson and Long were among the conference leaders in scoring, rebounding, field goal percentage and free throw percentage.

The returning talent didn't end there. Seven other team members will return next year with considerable playing experience.

With the future looking rosy, Dowd eased through the thorns of last season in one word: "Inconsistent."

After a shaky start, the Mavs played some exciting, close games, but were not able to make any of them victories.



LEFT: Coach Terry George, not known for sideline apathy, lets team know what he's thinking. ABOVE: Large and enthusiastic crowds cheer team.

Coach Laments 'Hair Tearing' Season

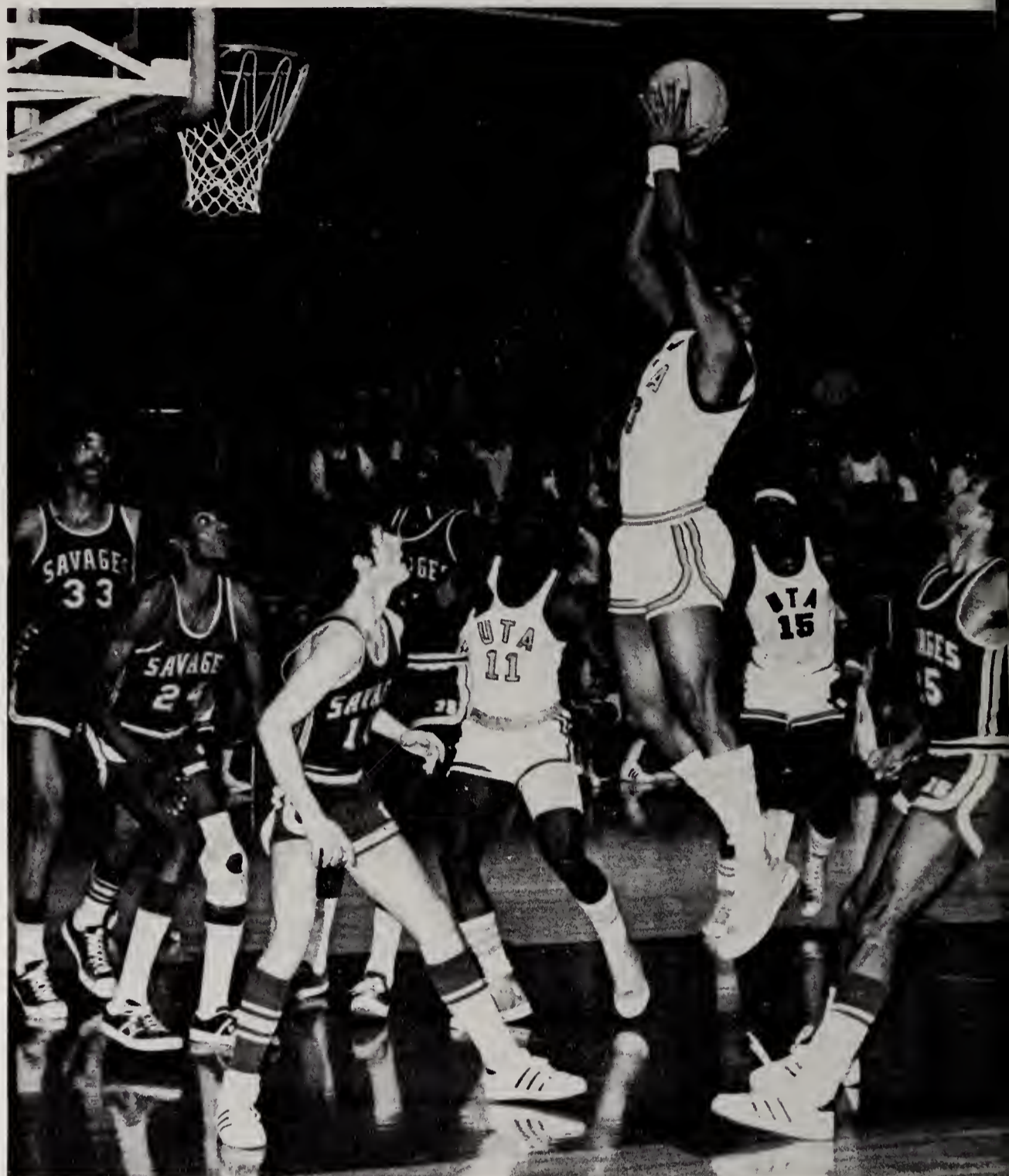
During one stretch in the middle of the season, the Mavs dropped a game with Northwest Louisiana by two points and another against Arkansas State by just one. In a third game, an 82-73 defeat by Louisiana Tech, the score was tied 71-all with 1:51 left.

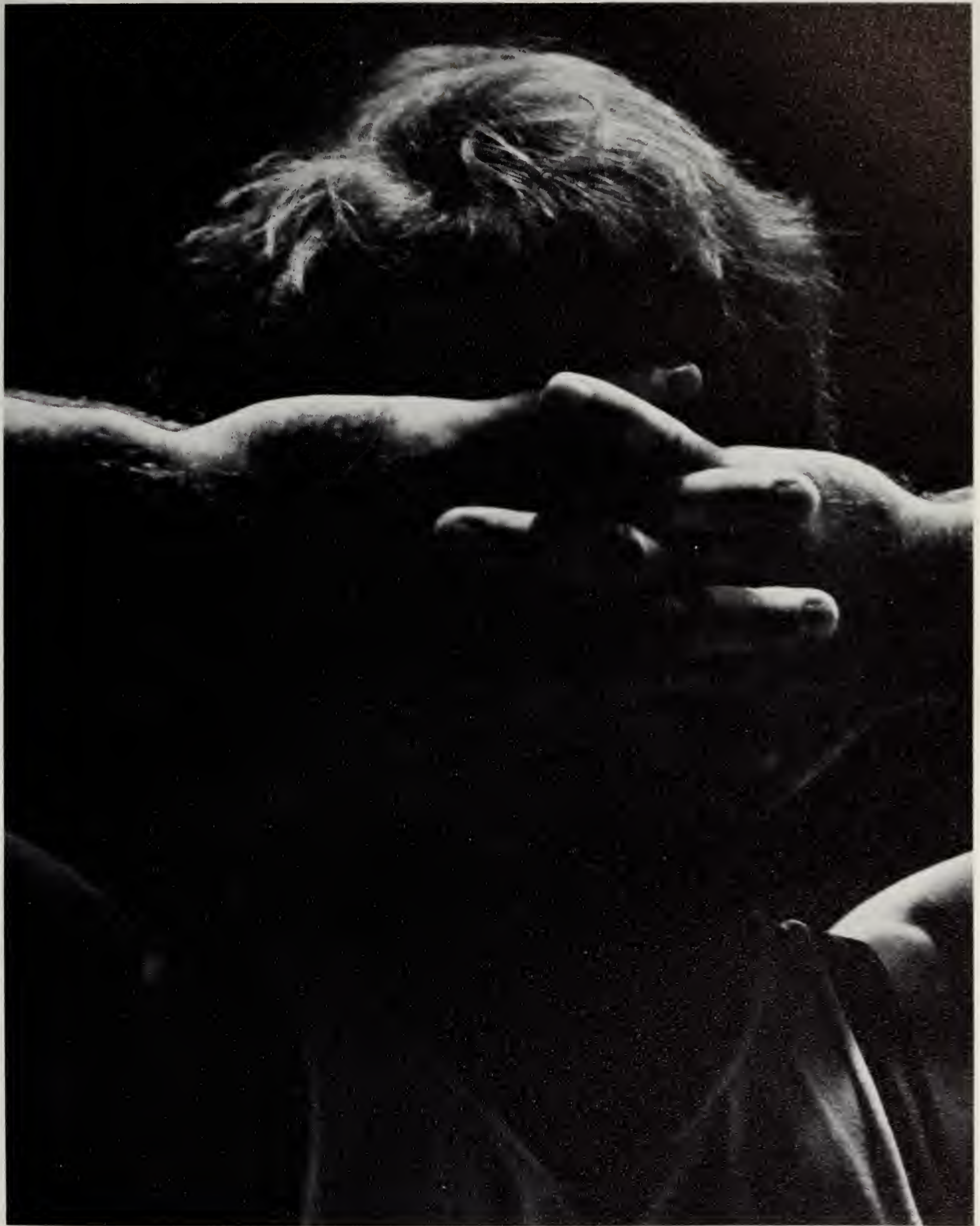
It was the kind of season, Dowd said, that "makes you want to tear your hair out."

Two late season victories, an 85-76 triumph over Lamar University and a 70-52 revenge against an earlier loss to West Texas State, kept some of Dowd's hair intact.



Waiting, playing ball and playing music are all part of a good basketball game. Despite a disappointing season, Coach Barry Dowd is optimistic about the team.





Gymnasts Exhibit Skills



Gymnastics Club, which is trying to gain university recognition and support intercollegiately, performs during basketball halftime.



Bellion Seeks Scholarships, National Championship



The Maverick soccer team's 6-2-2 record earned a second place finish in the northeast division of the Texas Collegiate Soccer League, but that's not good enough for

Coach Ed Bellion, who says with a handful of scholarships UTA could have a national championship in five years.

"There isn't a school in the state

that gives scholarships for soccer, Bellion said. "If we did, almost every good player coming out of the junior leagues would come here. We could produce the kind of people to produce a champion."

Bellion's interest in the junior leagues stems from the fact that 30,000 youngsters are registered to play soccer in the Dallas-Fort Worth area. In Arlington, more than 2,000 junior leaguers compete. "The kids here are finding out what a challenge the game is," he said.

Even without scholarships, Bellion's teams have won 28, tied 5 and lost 11 in four seasons. He was especially pleased with this year's group, the number one defensive squad in the league, shutting opponents out five times and allowing only 10 goals in league competition.

Key defensive players were goalie Glen Richardson, Pat Connelly, Konrad Darling and Ray Doan. Leading score for the season was Ali Adibi with six.

Richardson, Doan, Adibi, Moghadam and Connelly all received honorable mention in balloting for the TCSL's third annual all-star game. Darling, voted the Mavericks' most valuable defensive player for the second season, was chosen to play in the all-star lineup.

Darling, a senior business administration major, played in the all-star-game once before. As a junior, the Mav fullback served as team captain.

"Konrad has given us four outstanding years," said Bellion. "He's played offense and defense for us and done well at both."

Two of the five Mavs receiving honorable mention have played in the all-star game before.

Doan, a senior fullback, and Adibi, a junior halfback, played in last year's all-star tilt. Doan missed all but five games this season with a broken ankle.



Soccer involves the use of feet, heads and brains as the ball flies back and forth between opponents. Popular in many other countries, the game is just catching on in the U. S.

. . . *More Soccer*

LOWER RIGHT: Coach Ed Bellion discusses team weak points during a pause in the play. UPPER RIGHT: Goal tender uses head to ward off attempted point. BELOW: Tangle of legs and bodies testifies to the fact that soccer is a very rough game.





UTA	Opponent
2	3 SMU
0	3 Santa Clara
5	2 LeTourneau
4	0 Stephen F. Austin
1	0 TCU
1	1 Texas Tech
5	0 Midwestern
0	7 Dallas Tornado
2	3 North Texas
2	0 LeTourneau
5	0 Stephen F. Austin
1	1 SMU



Volleyball Team Takes State Title

The volleyball team began a winning tradition its first year when they took the state title and went on to the national tournament in Ohio.

As coach Jody Conradt said early in the season, "We have the material and we can be as good as we want to be."

The team came home with five trophies, including three firsts, in competition with schools across the state with established programs.

The first trophy was won at the Tarleton tournament where the squad got it wired and went undefeated. They beat their northern rivals, Texas Women's University, in the finals.

The team took second place in the district behind TWU and quali-

fied for the state tournament in Denton.

In between the district and state meets, NTSU held a three-team tourney. Both foes were defeated to bring home another trophy.

At the state tournament, the sixth rated Mavericks broke in the new North Texas coliseum by winning every coin toss and match, taking the state championship.

The team was as high as paper balloons. Neither coach nor players had ever won a state championship. The determined Mavs even ran over their nemesis, TWU, on their way to the "Lone Star State" championship.

Lack of money almost prevented the team from going further in regional and national competition,

but the necessary money was soon provided by the administration.

At the regional tourney in Houston, the Mavs, now rated number one, assured themselves of a place in the national tournament in the first day of competition. In the regional finals it was TWU that shot the team out of the title spot.

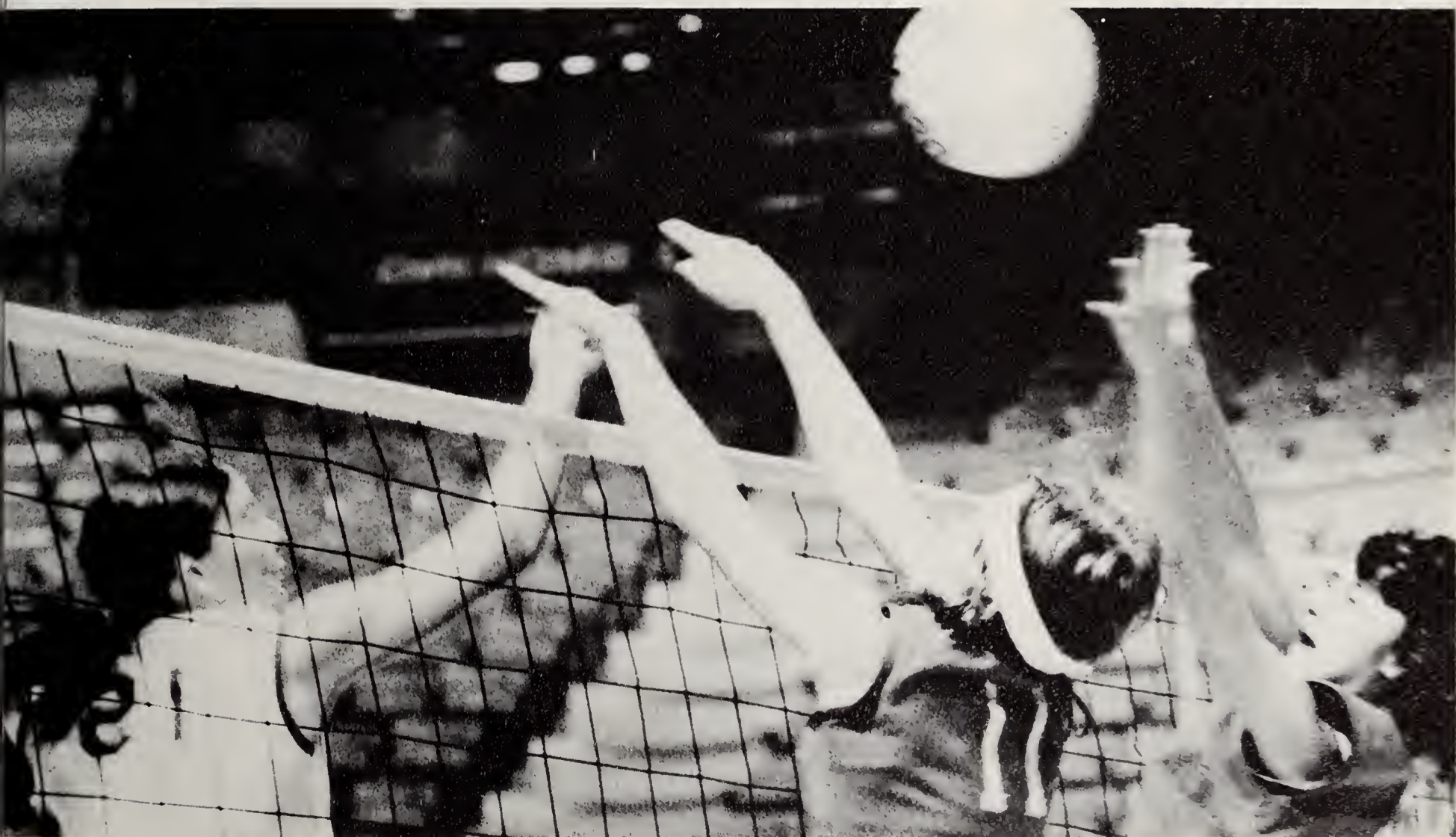
At the national tourney, the Mavs failed to reach the semi-finals after competing against UCLA, Florida State, Southern Connecticut, Winthrop College and Missouri.

The squad's first season came to an end with the UTA team ranked in the top ten of the nation. The beginning of a tradition.





LOWER LEFT: Team rejoices after taking state crown over TWU at the North Texas Coliseum. LEFT: Pam Morris warms up for competition against Texas Wesleyan. BELOW: Kathy Gunter places ball by Lamar blockers in state competition.



Women Overcome Limited Funding,

Under the new woman's athletic program, the woman's softball team took its first turn at the plate.

The short fall season saw the squad taking fifth in the state tournament at Nacogdoches. Coach Jody Conradt and her team qualified for state by taking second in the district behind Texas Woman's University.

The district title was decided in one day of competition as only UTA, TWU and North Texas fielded teams. The Mavs safely slid by the NTSU Eagles, 21-1, but struck out against TWU, 6-5.

The team went 3-2 in state competition, dropping games to Sam Houston and TWU. Victory came in competition with Tarleton, Pan American and Waylan Baptist.

The softball squad participated in two other tourneys. They failed to place at TWU and wet weather was proclaimed victorious at the Temple meet.

Taking the mound duties for the Mavs was Chris Reynolds, 8-1, and Sandra Tidwell, 6-6. The leading hitter was first baseman, Rayla Allison, 474. Following her was catcher, Suzzette Spandel, 444.



Inexperience



Swimming, badminton, golf and track competed for funds in women's athletics, however participants in the last three sports were forced to finance their own way.

"We knew there were a lot interested in other sports," said Miss Jody Conradt, coordinator of women's sports, "but we didn't have enough money. Some had such interest that they were willing to pay their own expenses and work on their own."

With basketball season in progress, Miss Conradt engaged Myrna Shelton from Long Beach, Calif. to coach the swim team. She had previously coached AAU teams for six years before coming here.

Though the team was not able to practice together before competition, the girls took fifth in the state meet at Pan American.

"Without the girl's dedication for the sport," said Coach Shelton, "we couldn't have done this well."

At the state swim meet, Joy Huska took first in the 50-yard butterfly and set a new record in the 100-yard butterfly, 1:04.4. The team collected 216 points in the 13 team meet. At the TWU meet the squad placed third.

In badminton, the team lost the first game of every tournament to be placed into the consolation bracket. At NTSU, Ellen Parmen reached the finals. Diane McKelvy reached the semi-finals and the double's team of Kathy Burke and Diane McKelvy reached the semi-finals.

In golf, Susan Smerick went to the TWU Invitational with a 13 handicap.

Laurie Gibson competed in track in the 100-and 200-yard dash. In the 100 she tied for eight seconds and missed reaching the finals by just a coin toss.



Softball, swimming and tennis were all part of the women's athletic effort. Funding and inexperience kept teams from taking many top honors.



RIGHT: Lowry confers with team during break in action. BELOW: Blocking is one teams strength. ABOVE: Ball control is lacking in the rookie team.



Peak Performance Eludes Rookie Team



As an athletic program builds so does its teams. The women's intercollegiate basketball team recorded a 9-14 season in single game competition and tournament play.

"Our only limitation was inexperience," said coach Jody Conradt, "which limited our chances to obtain the goals we might have reached."

Dr. Carla Lowry shared the coaching duties. This was the first time both had worked with another coach. Dr. Lowry commented, "I think she (Miss Conradt) brought the best out of me."

In reference to the season, Dr. Lowry said, "We were at the brink of doing something. During the season, we never reached our peak although it was near."

"Even though we showed improvement," said Conradt, "we weren't able to beat some of the better teams. But no one we played walked away with the game. We were better than a lot of the teams. You might say we were in the middle."

The round-ballers came within five points of defeating Tarleton, who fielded the state championship last year. The Baylor meet was the only tournament in which the team did not lose their first game and go into the consolation bracket.

At the NTSU tournament the team won the consolation trophy when they defeated SMU. The Mavs also played in tournaments in Tarleton, TWU and Houston.

In March, the Mavericks hosted the district tournament. The squad finished its season tied for fifth in the district.

"Our initial attempt as a team was better than most just starting programs," said Miss Conradt. "It won't take us long to catch up."



Duffers Run Second In Conference Race

For the fifth year in a row the Maverick golf team finished second in the Southland Conference race.

Coach Charlie Key was pleased with his team and thinks the years to come will be even better.

"We've had a good year," he said. "I was disappointed in not winning the conference championship, but we did play well. We had our most competitive schedule ever this year and we came out of it real well."

The returning Mavericks for next year should provide a solid team, the coach said.

"Mark Woolf and Kevin Sandacz are only freshmen and they proved they can play good college golf," said Key. "Les Carley will be back and we expect him to make a good showing."

Woolf, a graduate of Arlington High, finished third in SLC individual medalist play with a score of 295 for the four rounds.

Other scores for the Mavericks were junior Bob Smith, 299; Sandacz 300; senior Bill Bledsoe, 311; and sophomore Carley, 317.

The Mavs finished the four rounds of the SLC meet with 1,205 strokes, 18 behind winner Southwestern Louisiana.

The second place finish in the SLC meet was rewarding for Key and his linksters, but their first taste of big time college golf, earlier in the season at the Morris Williams Invitational in Austin, was a special occasion.

"The players reacted well to competing against some of the top college golfers in the nation," said

Key. "The Morris Williams is a very prestigious tournament with a very tough field."

The Mavs finished eighth in a field of 18 such teams as Colorado, Missouri, Minnesota, TCU, Baylor, Arkansas, Texas A&M and Rice.

Another highlight of the season was Sandacz's first place finish for the second day's play at matches sponsored by the University of Missouri at Rayburn Country Club near Jasper, Texas.

The tournament included two separate 27-hole tourneys. Woolf and Sandacz tied for fifth in the first day's competition and Sandacz fashioned an even-par 108 to win individual honors on the second day.



LEFT: Golfer takes practice swing at the university's new driving range off Davis Street.

Injuries Hit Team

Although they scored only 17 points and finished last in the Southland Conference track meet, Maverick thinclads, under Coach Tom Boone's tutelage, showed signs of making the conversion to big-time track.

Boone said he was "pretty well satisfied" with the season. "We've done most of the things we set out to do. We pointed in all the scoring against a stiffer schedule than UTA has ever faced."

He cited injuries as the team's biggest problem this year.

"This is no cop-out, we could have run better, but we we're hurt," he said. "We don't have any more injuries than any other school; we just don't have the depth to replace them."

Individually in the conference meet, Brad Reid scored a third in the discus, Pat Blanchard a third in the high jump and Louis Schindler a third in the 440-yard dash.

Herman Wyatt, a junior sprinter, was unable to compete in the SLC meet due to injuries. Wyatt set a school record for the 100-yard dash at 9.4 and qualified for the NCAA meet.

Boone said some changes he would like to see for next year include the acquisition of an all-weather track and a general uplift in facilities. He said this would enable the Mavericks to host on-campus track meets and involve the student body and community in "a fantastic sport."





Intercollegiate Tennis Returns

For the first time in two years, a tennis team was fielded, and the Maverick netmen compiled a 7-14 season record.

Nick Lowry, a senior and the player-coach of the team, said there were several reasons for the return of tennis this year.

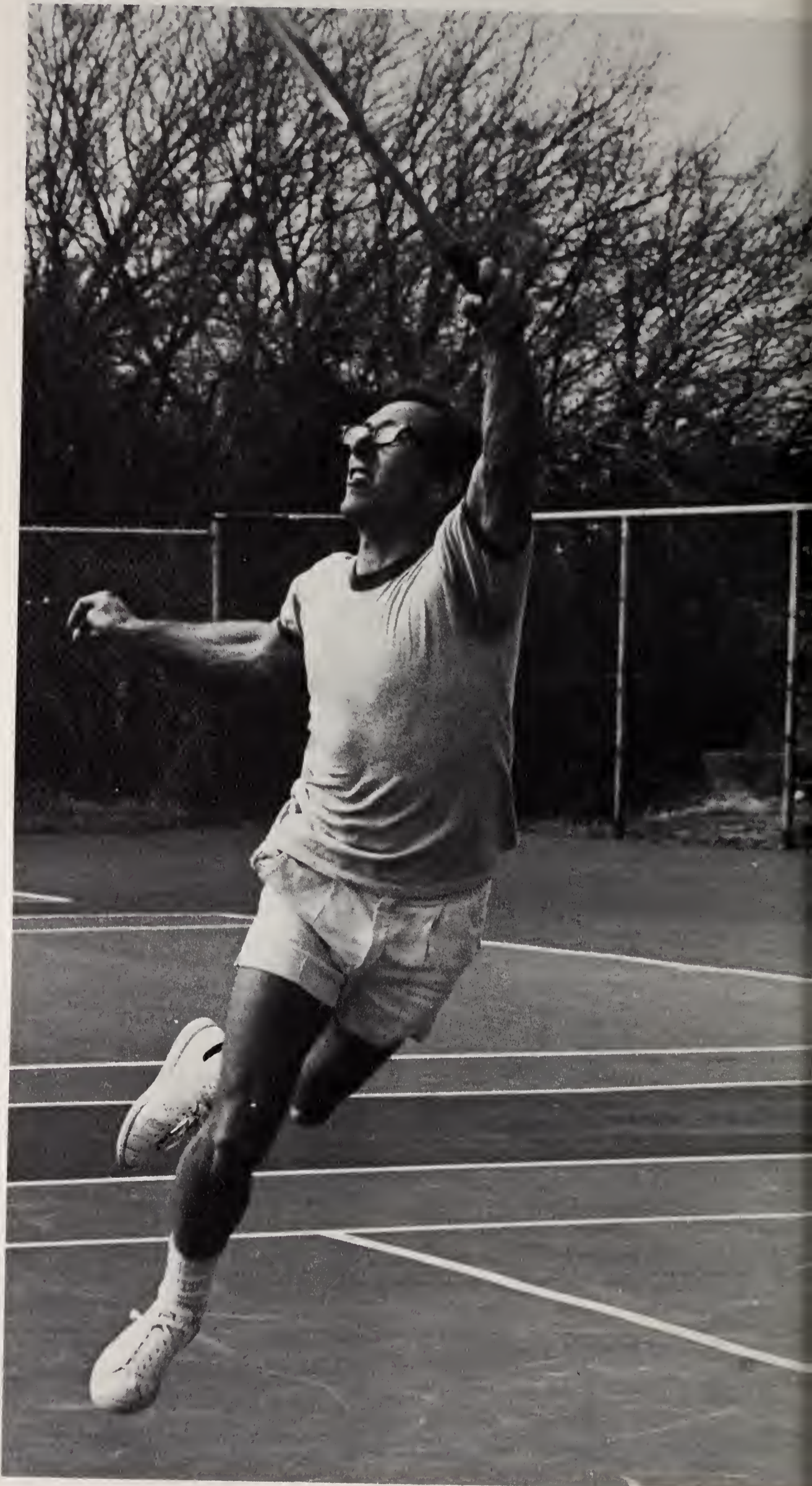
"First, in order to be considered a major college by the NCAA, a school must compete in a certain number of sports and UTA was short.

"Also," Lowry added, "when tennis was cut out of the budget, I started making a big fuss and complaining to people. Coach Jim Garrett already was making an effort to revive the sport and you might say I was merely acting as a catalyst in the whole thing."

With only a \$1000 budget, no scholarships and facing major college competition, Lowry's job was not an easy one.

"The fact that we don't have any scholarships makes it even harder, because many of our top players are having to work and go to school at the same time," said Lowry. "They can barely make practice. We also had problems when we went on the road with regard to job conflicts."

Although the Mavericks finished last in the Southland Conference, the team, which had only two veteran players—Lowry and Craig Williams—finished the season strong after dropping their first ten matches.





Tennis '74

UTA	Opponent
L	North Texas State
L	Oral Roberts
L	Angelo State
L	Texas Wesleyan
L	North Texas State
L	McNeese State
L	Southwestern Louisiana
L	Lamar
L	Texas Wesleyan
L	East Texas State
W	Southeastern Oklahoma
W	University of Dallas
W	University of Dallas
L	Texas Christian University
W	Texas Christian University
W	Arkansas State
W	Navarro Junior College
W	Gustavus Adolphus
L	North Texas State
L	Stephen F. Austin
L	Lousiana Tech

Russell Resigns After Best Season



The Maverick swimmers, under Doug Russell's guidance, compiled their best won-lost season ever with an 11-2 dual meet record, losing only to SMU and Texas A&M.

"With an 11-2 it's our best record and I think the schedule was fairly competitive," said Russell, whose teams now have a 34-11 record for four years. "We beat some good people—Texas, Oklahoma, Oklahoma State, Arkansas, Iowa State, Louisiana State and the University of Houston."



Russell attributed the team's success to versatility and enthusiasm, plus a group of young, powerful swimmers and divers.

"Our versatility was definitely a big factor. We had variety during competition," said Russell. "If we swam a team that was strong in one area, we could switch our personnel to fit."

"Steve Madden was probably a main reason we had as much versatility as we did. He's just one person, but we could use him like three or four."

Russell thought the team's attitude, especially at away meets, was another important factor.

"They just went in and dominated the entire atmosphere of the meet with their enthusiasm."

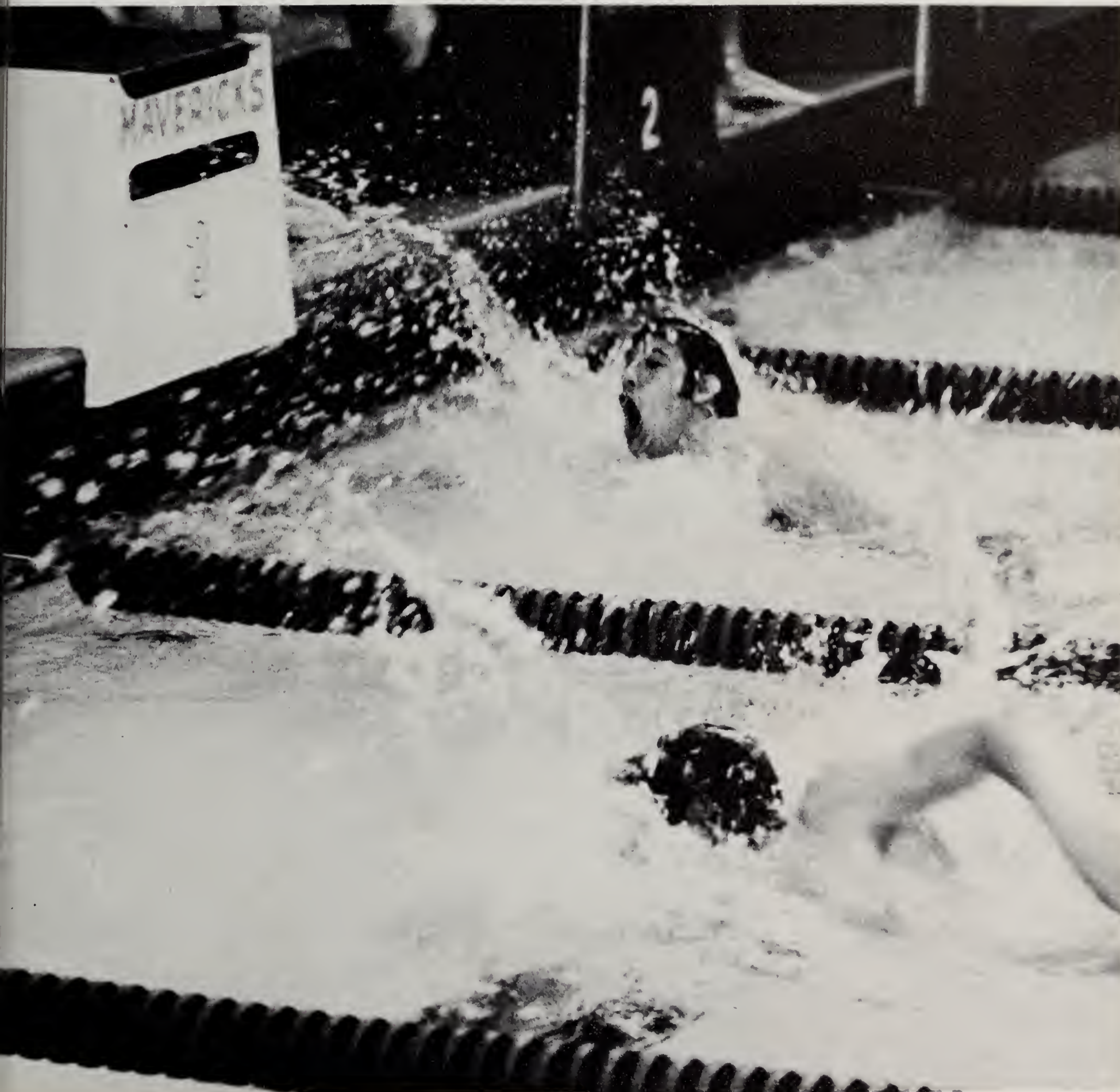
Madden, a freshman from Ventura, Calif. and Bill Miller, a Santa Anna, Calif. sophomore, were the torpedoes. Russell called Madden "the main ingredient in our relay teams." Both Madden and Miller were ranked nationally in several events during the season.

Only two Mavs graduated this year, Charlie Spencer and Bruce Weaver, this year's team captains.

Although the Mavericks had a good season, their showing in the NCAA and the AAU meets was something of a disappointment.

"In our frame of mind," said Russell, "coming off an 11-2 season and going into the NCAA and the AAU meets, we felt like we were capable of good times. It's not so much that we didn't have good times, we swam good times, but we did not have any great times. And that's what it takes. Still, I would say we are probably among the top 25 teams in the nation."

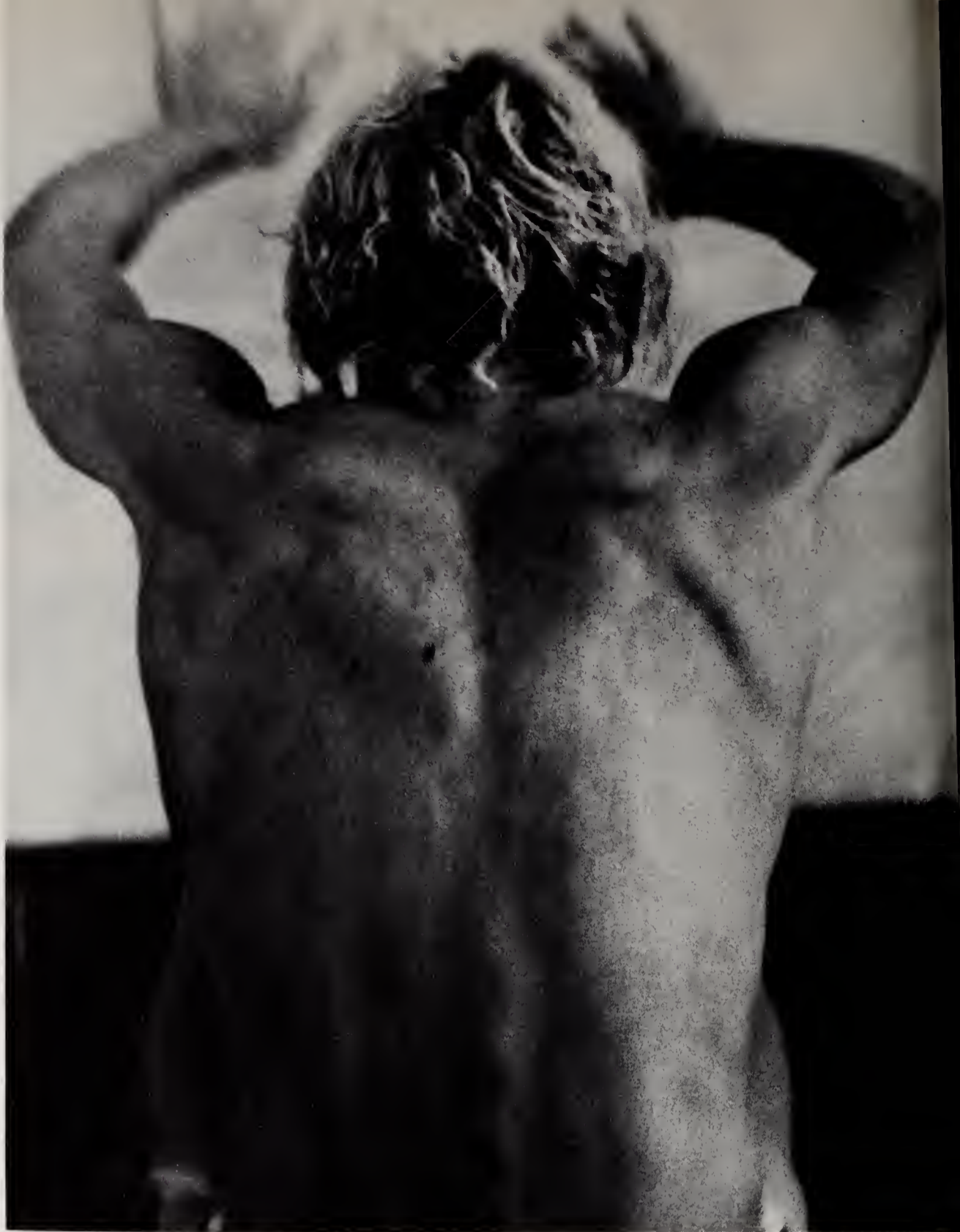
Editor's note: Doug Russell resigned in May to accept another position outside of UT Arlington.



11 Wins; 2 Loses



Diving and swimming are equally important areas in the swim meet. The Mavs main strength lay in their flexibility and ability to adapt their personnel as needed.





McBroom's Baseballers Inconsistent

The Maverick baseball team posted a 23-28 record overall and 3-12 mark in the Southland Conference—after all the "new" rubbed off.

The "new" included a new coach, a new field, new uniforms, new night games and new batgirls.

The new coach, Marvin "Butch" McBroom, a Baylor graduate from Fort Worth, came here from Union University in Jackson, Tennessee where he had a two-year record of 48-15.

The new field, Arlington Athletic Center at Fielder and Park Row, was the site of 31 of the 51 games played. Two of the home games were played at night, a first for Mav baseball.

Enhancing the new park were six Mav coeds who served as batgirls for home games. Diana Fagan,

Carol Golden, Debbie Morse, Jennifer Allega, Ann Litrio and Carol Krutilek handled the lumber chores.

Though inconsistent—the team won 12 of 15 in one stretch and lost 10 of 12 in another—the baseballers played some exciting games with some outstanding individual performances.

Third baseman Gary Darts, an Arlington senior, was selected to the all-SLC team along with outfielder Mark Viosky, a sophomore from Corpus Christi. Darst, consistent in the field and at the plate, finished the season with a .229 batting average and was the only Mav to play in all 51 games. Vioski led the team in runs-batted-in with 24 and hit .285.

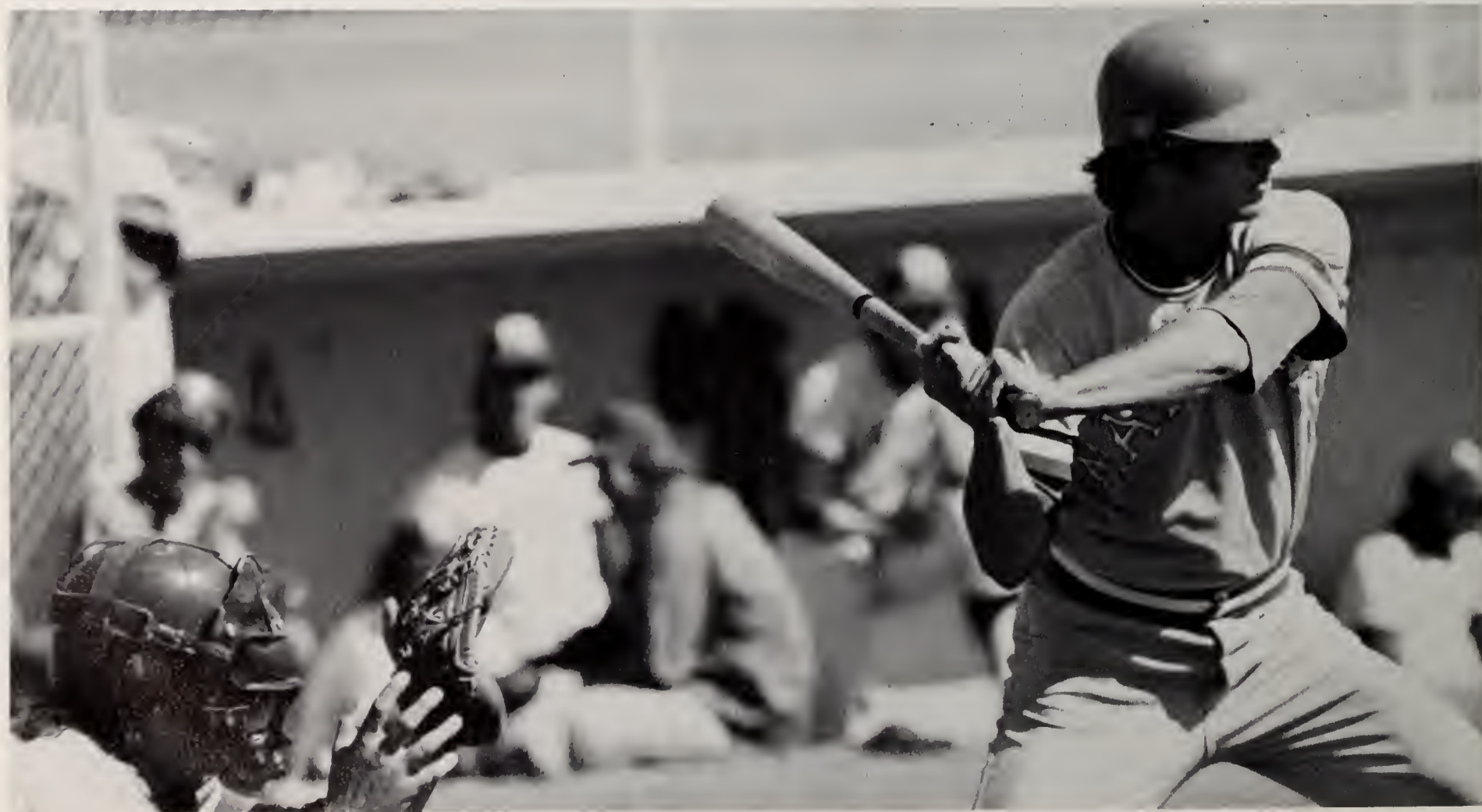
Selected as honorable mention all-SLC was Bobby Flores, a Robstown sophomore. The shortstop

led the team in hitting with a .328 average good for third in the SLC batting race. Senior outfielder Bill Womack took stolen base honors in the SLC with 21 thefts.

John Neinast, who won four and lost eight, paced the pitchers with the lowest earned-run average, 2.59. Robert Frusha, 6-4 on the year, had a 3.03 ERA and Mike Wyant had a 4-7 season. Cliff Knowles, 1-2, and Dennis Vazzi, 1-1, were used as spot starters and relief specialists.

Lefty Doug Osterloh, a junior from Alice, had a 7-6 won-lost record which included a no-hit, no-run victory over Abilene Christian.

The designated hitter was Ron Barnett, who led the team in homers with three.





FAR LOWER LEFT: Mav batter readies at the plate. Mark Visoski led the team in RBI's. LEFT: Mav outfielders perform in pre-game warm-up. Senior outfielder Bill Wamack took top SLC honors in stolen bases. BELOW: Mav first baseman keeps sharp eye on runner edging from base. ABOVE: Team warms up before game.





Intramurals Growing, Diversifying

The intramural department continued to grow this past year as 40,195 students, faculty and staff participated in sports and activities ranging from football, basketball and softball to such things as ice skating, deep-sea fishing, golf tournaments, camping and fishing, dodgeball and drag racing.

Highlights of the program, under the leadership of Intramural Director Jim Garrett, were that intramurals: (1) reached a goal by having 100 teams in a sport—volleyball; (2) sponsored the third annual Texas College Drag Racing Championships; (3) was recognized nationally for having one of the top faculty-staff golf programs and asked to present the program to the Texas Association of Health, Physical Education and Recreation state convention in Dallas; (4) had 96 faculty-staff golfers from 15 area colleges playing in the Metro Golf Tournament; (5) had over 100 fac-

ulty staff women in slimnastics programs; (6) started sports clubs for students with special interests.

Plans for the future included larger programs and greater participation in all intramural sports plus new activities such as Sunday-at-the-Lake and the Galveston Retreat.

This year's All Sports Trophy went to: Brazo's Hall A & B in the Dorm League; Toads in the Independent League; Delta Upsilon in the Fraternity League; PEMM Club in the Women's League.

The intramural department gave three special awards to individuals this year. The Intramural Athlete of the Year Award went to David Miracle, a junior psychology major from Dallas who competed in ten sports. The Outstanding Manager and Leadership Award was won by Truman Hale, coach for the Baptist Student Union. Kathy Kennedy, a *Shorthorn* staff writer who covered

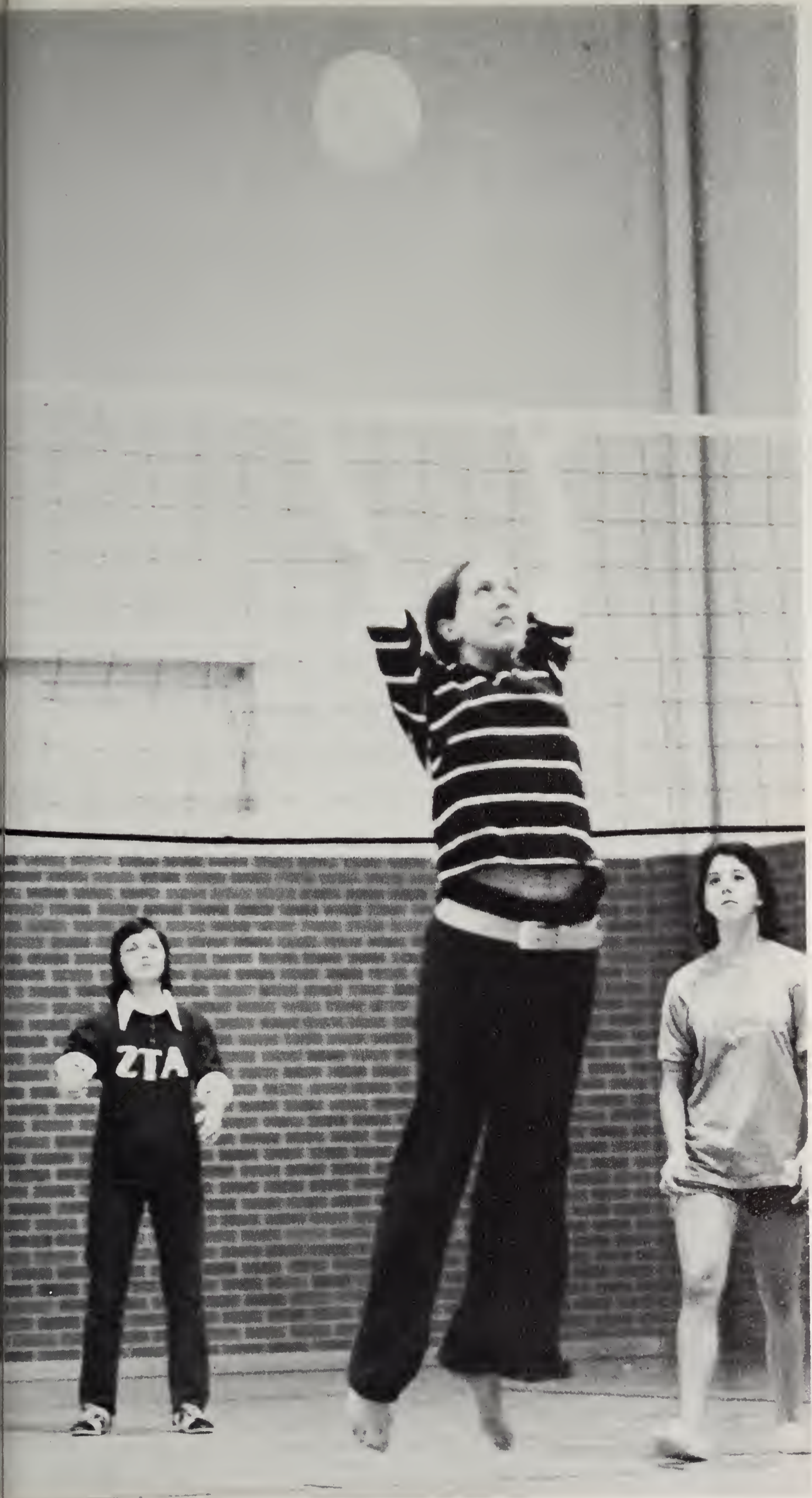
intramurals this year, was given the Best Intramural Sports Writer Ever Award.

University team winners included: men's football, Delta Upsilon; women's football, Society's Side Show; men's tennis, U.S.; women's tennis, PEMM I; men's bowling, BSU; women's bowling, Toads.

Also: men's volleyball, Toads; women's volleyball, PEMM I; billiards, U.S.; soccer, Iran B Team; women's softball, Society's Side Show; cross-country, Delta Upsilon; men's track, Delta Upsilon; Women's track, PEMM; golf, Delta Sigma Pi.

Co-recreation winners included Mark Davis and Ann Habernicht, tennis; Bobby Sheppard and John Moore, putt-putt; Gamma Sigma Sigma, bowling; Toads and Toadettes, softball.

The math department finished in a tie for the faculty-staff men's vol-



ITM

Winners

leyball championship. The women's volleyball crown went to the Volleyteers. The basketball championship for faculty-staff was shared by the physical education department and business administration. The personnel office won the bowling trophy.





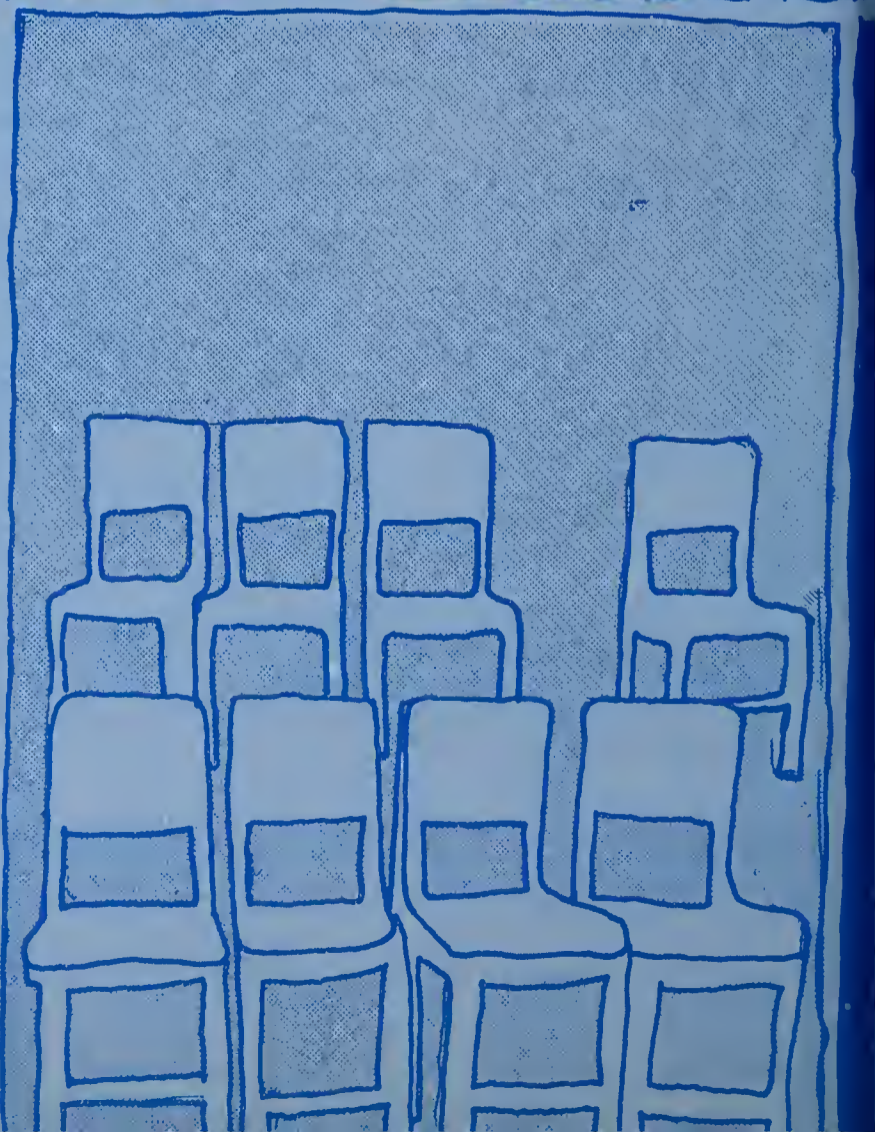
Student and faculty-staff basketball and billiards are included in the intramural offerings. Programs give students not interested in intercollegiate competition the opportunity to enjoy many sports on a recreational level.

*ITM Offers
Exercise, Fun*





Track, volleyball and basketball, traditional sports, blend with such untraditional activities as drag racing, lake outings and fishing tournaments in Garrett's unique intramural program.



GRADUATION



Alpha Chi Omega

Alpha Chi Omega won the National Council Trophy for the outstanding chapter in the nation in the category for 1-6 Panhellenic groups on campus.

Some of their honors, activities and projects which helped contribute to the award were their main service project, a pumpkin sale during the week prior to Halloween where all money collected was donated to Camp Soroptimist—a camp for the mentally and physically handicapped of all ages. In addition, members of AChiO were Homecoming Queen, cheerleaders, fraternity sweethearts and members in department honorary fraternities.

Members: Anita Anderson, Beckie Betts, Vickie Braziel, Lenora Burrell, Jody Christopherson, Miggy Clifton, Brenda Cole, Janette Cranford, Lauren Crook (P), Patty Donnell, Annette Eades, Glynn Ann England, Miriam Fergon, Diane Green, Cymbre Gudal, Jo Ann Jackson, Cheryl Jolkovsky, Karen Ketner, Anne Litrio (1 VP), Judy McDonald, Debbie Mehaffey, Peggy Miller, Patty Murphy, Nancy Ostby, Cheryl Perry, Lynn Sammons (2 VP), Terri Sewell, Charmaine Smith, Kathy Supert, Debby Taylor, Lisa Thomas, Marlene Whitehead, Marilyn Whittenberg, Karen Weider, Debbie Wise, Susan Wray, Jan Carson, Dotty Dodge, Cindy Knight.





Alpha Kappa Alpha

Alpha Kappa Alpha, founded in 1908 at Howard University, is a service sorority of young Black women with an aim of "service to all mankind."

Activities included the distribution of the Black Heritage series to medical offices, sponsoring of the Thanksgiving Can-Can dance with an admission fee of one can of food given to a needy family, and contributions to the Martin Luther King Memorial Scholarship Fund.

Members: Rogena Clayton, ArthurLyn Harden, Wanda Harden (P), Sandra Murphy, Jonnie Nash (VP), Cheryl Phillips, Gayle Spruiell, Debbie Waters, Penny Willrich.



Alpha Phi Alpha



Alpha Phi Alpha, the pride of our hearts and loved by us dearly.

Thou: We cherish thy precepts, thy banner shall be raised; to thy glory, thy honor and renown.

Alpha's are: First of all, servants of all, and shall transcend all.

If the sun fails to shine, Alpha Phi Alpha will light the world.

Members: Paul Brown, Reby Cary (Sponsor), Michael Coleman, Don Evans, Maurise Ferrell, Leon Haley, Gail Hanson, Joel Hunton, Harry McQueen, Marvin Mooney, David Payne, Timothy Stewart, LeNorman Strong, Robert Wilcott, William Wilcott, Leonard Williams, Jimmy Young.



Alpha Phi



Alpha Phi

For the Alpha Phi's, 1973-74 was a year for honors and philanthropic projects.

Claudia Perkins served as fall managing editor and spring editor of the *Shorthorn*. Terri Nolan was Panhellenic president.

Bobette Riner was selected sweetheart of the Phi Delta Theta pledge class while Janet Coffey was chosen Pi Kappa Alpha little sister. Bernadette Sulak was a Sigma Phi Epsilon sweetheart and Collette Minter served as a Beta Theta Pi Daughter of the Diamond.

Judy Kern won a major part in "The Three Cuckolds." Claudia Perkins was initiated as a charter member of the Society of Professional Journalists/Sigma Delta Chi and Debby McBride was a twirler for the Maverick Band.

Brothers of Bordeaux, Gary Hill and Tom Moore were varsity yell leaders with Gary serving as head cheerleader.

As a chapter, Alpha Phi credited over 60 units of blood to the account of sorority sister Paula Runnels, a hemophiliac, with the aid of fellow UTA Greeks and the Alpha Phi chapter at UT-Austin.

The group also co-sponsored with Sigma Phi Epsilon an ice skating party during Greek Week with proceeds going to the American Heart Association, national philanthropies for the two groups. Also during Greek Week, the sorority sponsored a panel discussion composed of outstanding area women.

With the sale of 6,000 lollipops and pulling a bathtub to Austin to draw attention, A Phi's contributed \$75 to the Heart Fund and \$350 to the cardiac ward of Arlington Memorial Hospital.

Alpha Phi collected \$30 for the UTA Burn Fund, made toys for children at AMH, baked cookies for doctors and children at AMH and the Dallas USO and aided with publicity for the Arlington Day Care Building Drive.

Members: Judy Akin (VP 2), Sherry Alvis, Peggy Barnett (P), Barbara Birdwell, Connie Caldwell, Suzan Cardwell, Kay Greene, Martha Hurst, Judy Kern, Debby McBride, Collette Minter, Terri Nolan, Debi Payne (VP 1), Claudia Perkins, Jennifer Sonnen (VP 3), Bernadette Sulak.

Pledges: Cindy Bice, Cheryl Braswell, Cindy Bridges, Carla Cantrell, Cindy Christiansen, Janet Coffey, Vicki Crites, Wanda Cullins, Kathy Cupit, Cathy McLoughlin, Bobette Riner, Paula Runnels.



73-74 . . . A good year to be a Tri-Delta . . . 6
 new initiates . . . 13 fantastic Fall Pledges . . .
 "They're so cute" . . . Alpha week . . . C.F. buys
 some jeans . . . doesn't anyone want to play football?
 . . . those magnificent mixers . . . a day at the Fair
 . . . the Winter Olympics . . . Halloween Bags and
 dinner with our SMU sisters . . . the hayride . . . An-
 gela and Christa elected favorites . . . Kathleen a new
 Mam'selle . . . Maverick Missys Ann, Christa and
 Marty . . . pledge retreat . . . dinosaurs everywhere
 . . . Kappa Sig Karnival . . . homecoming . . . Kid-
 nap breakfast . . . Founder's Day . . . Thanksgiving
 tray favors for the aged . . . the Christmas formal
 . . . Big Brothers . . . she smoked a cigar? . . .
 Merry Christmas to all . . . the pledge-active party
 . . . a song for the chapter . . . initiation . . . show-
 down . . . spring rush . . . new pledges . . . a tea
 for our moms . . . make those grades . . . Greek

Week . . . DU Spring Fling . . . Pansy breakfast . . .
 happiness and sadness . . . laughter and tears . . .
 sisters caring and sharing . . . yes, it was a good year
 to be a Tri-Delta.

Members: Carla Allen, Pam Allen, Jessica Anderson
 (P), Jean Baxley, Carol Bean, Marty Beebe, Terry
 Beebe, Anne Braswell, Susan Browning, Elise Bunje,
 Cindy Burton, Angela Campbell, Cindy Capps, Kathleen
 Carefoot, Barbara Coomes, Kathy Coughlin, Anne Daf-
 cik, Joanne Dragich, Cari Fitzgerald, Terri Garren,
 Brenda Howard, Mary Jurin, Chris Kimbley, Pam Larkin,
 Sheryl Lawrence, Lynne Little, Suggie Luke, Carol Ma-
 jor, Sandy Mann, Marti Martin, Kathy McElree, Katy
 Merrill, Christa Mims, Michele Mummert, Becky Newby,
 Debbie Pettit, Susie Rigney, Robby Robison, Diane Row-
 land, Ann Sury, Kathy Taylor, Jo Ann Uhl, Claudia
 Whitesel, Diana Woodard, Debbie Wright.



Delta Delta Delta



Delta Tau Delta

Delta Tau Delta is a selective national fraternity which strives for excellence in scholarship, athletics, brotherhood and community service.

We are a fraternity consisting of young men who accept each fraternity brother for what he is and what he stands for.

One objective of the Epsilon Rho chapter is the elimination of weaknesses and the development of personal strength within its membership. This goal is achieved by extending help in such areas as studies, personal problems and functions on and off campus.

Through desire and hard work, the chapter has won the scholarship award 7 times in the past 8 years. The Deltas have also won the 1972-73 fraternity sports trophy. The fraternity fulfills its service obligation by working with large youth groups in the Dallas-Ft. Worth area.

Members: Matt Abernathy, Danny Abshire, David Akers, Gary Anderson, Pete Barry, Russell Beard, Joe Blakeman, Gary Bledsoe, Charlie Bobo, Gary Briscoe, Stan Brown, Rod Browning, Jimmy Burke, Randy Beckham, Jim Carson, Tony Comparin, Brad Crawford, Jim Daley, Joe Davis, Marty Davis, Tony Davis, David Devine, Robert Dossey, Kyle Dunn, Ben Franklin, Randy Garrett, Tony Gilbert, Charles Glendinning, Lee Graham, Mike Greene, Ray Hackman, David Hamilton, Phil Harwell, Jim Hovis, Sam Kerbel, Brad Leighton, Jon Liston, Chris Livingston, Charlie Lucas, Craig Mackey, Tom Matmey, Walter McCoy, Dennis Modisett, Jerry Minx, Greg Moritz, Jerry Myers, Larry Nelson, Bruce Orr, Greg Perkins, Mark Plume, Mark Pringle, Bill Powell, Kirk Ragsdale, David Reomer, Jimmy Runnels, Danny Russell, Steve Sledge, Eric Stengle, Jeff Sustrik, Scott Thomas, Steve Thomas, Steve Thompson, Eddie Townsend, Steve Willey, Scott Willingham, Joe Wolff, Bill Wood, Dennis Wood, Steve Wood, Alan Woodruff, Rodney Wright, Greg Yates, Sam Young, John Gulley, Rocky Hill.







Delta Upsilon



The men of the Arlington chapter of Delta Upsilon have come a long way from the small social organization of Sigma Phi in 1967.

For social activities, the DU's co-sponsored a spring festival with contests involving greased pigs, a tug-of-war, balloon blowing and a car-push contest. They also featured a traditional goldfish swallowing contest. Each contestant was required to gulp down four live fish. For extra points, the contestant was to chew the third fish before consumption.

Trick-or-treaters were horrified on Halloween by a gruesome gathering including Count Dracula and the werewolf. In conjunction with the American Cancer Society, the DU's have annually held a Haunted House for the children of Arlington. They undertook the transformation of their fraternity house into a bonafide spook mansion complete with the eerie sights and sounds.

They have won the 72-73 Scholastic award, the President's trophy for chapter excellence from the international office, and were the frat champs in softball and university runner-ups in basketball.

Members: Joe Alexander, John Ashby, David Bentz,

Art Bone, Kent Brown, Jim Bruce (VP), Wally Capps, Joe Carpenter, Kyle Caudill, Jesse Davis, Guy Davis, Mike Dawson, Mike DeFord (P), Roy Dennis, Joe Doodati, Harry Dickhaner, Mike Dunn, Steve Ellis, Earl Freeman, Jeff Garner, Kenny Gaskins, Bill Greenhaw, Tom Grubbs, Charlie Halfen, Bob Hamilton, Bobb Heruska, Finn Higgins, Bill Holbert, John Hughes, Mark Jones, David Keith, Karl Kouns, Rick Larkin, Tom Leaverton, Charlie LeMoine, Larry Lindsey, Charlie Long, Steve Loving, Robin Lyle, Randy Matthews, Randy Mayne, Jim McConnell, Tony Nichols, Randy Parker, Jim Plog, Mark Polvi, Larry Riggall, Dean Ross, Rick Ross, John Schlesinger, Charlie Skaggs, Hank Smith, Ralph Springer, Jim Stepp, Eddie Stevenson, Kenny Stiles, Rick Turner, Dennis Vazzi, Ronnie Walker, Mike Ward, Randy Weldon, Bryan Williams, Steve Williams, Gary Worthy, Mike Wyant, David York.

Fall pledges: Bob Baker, Roger Bascom, Mike Broker, Larry Charniga, Paul Forsberg, Bob Gray, James Hejny, Larry Hellums, Jon Helm, Karl Henne, Charles Hott, David Littrell, Paul Meyer, Carl Moore, Ignacio Nunez, Doug Reig, Charles Rice, Brad Runyon, Cal Tackett.

Delta Zeta has had a busy year involving themselves in all phases of campus life.

Delta Zeta helped build the mini-park on campus by contributing the most money to the Beauty contest for five years in a row.

Honors have included winning the outstanding activities chairman and outstanding Panhellenic delegate in the DZ state convention. They have also won the Arlene Newman Press award and the national certificate for pledgeship award.

Activities have included the Rose Ball formal and baking cookies for the USO.

Members: Helen Berry, Debbie Bolser, Julie Buss, Judy Carmicheal, Janie Coleman, Tricia Culberson, Mary Lynn Darden, Deena Deatheridge, Toni de Guzman, Susan Doyle, Gina Forsythe, Ann Gilmore, Cathy Hill, Annette Horton, Ginger Huggins, Mary Jo Jaska, Janice King, Karen Kirchem, Peggy Koehler, Carol Krutilek, Kay Llewellyn, Melinda Mays, Debbie Morse, Peggy Naughton, Maribeth Shannon (VP), Cynthia Smith, Kathy Stigler, Michelle Stump (P), Donna Thompson, Diane Williamson (VP), Elizabeth Wilson, Tracy Youngblood.



Delta Zeta





Kappa Alpha





Kappa Alpha Order was founded in 1865 at Washington and Lee University in Old Virginia. The Delta Iota chapter was installed at UTA on April 26, 1968 as the second of the existing 12 national fraternities.

Delta Iota's sixteen chapter members base their beliefs on Robert E. Lee and KA ideals: primarily God and Womanhood.

Through the years, KA has changed in almost every way possible, but we feel that the fraternity still places a premium on these same, original ideals.

Members: Ronny Adair, Don Allen, Richard Allen, Alan Awtrey, Larry Bailey, Buddy Bonnet, David Birdwell (VP), Maurice Briggs, David Brown, Robert Bryan, David Coburn, Larry Cope, Mike Coyne (P), Terry Frank, Ed Girard, Jim Green, Randy Hafford, Don Hatfield, John Hosler, Phil Jordon, Jim Kimble, Jim Kovarik, Mike Lanier, Victor Leos, Narciso Macia, Ray Manning, Gary Mathews, Buddy Matthews, Phil Matthews, Ross Moncus, Charles Morris, Ed Motley, David Muir, Jeff Nedderman, Bruce Richards, Jim Roessler, Greg Robinson, Russell Rowe, Cliff Sallis, John Vetter, Ronny Walthall, Tony Watkins, Gary Watters, Charles Whitaker, Bradley Williams, Tom Wilkes, Harry Wilson.







Kappa Sigma

Kappa Sigma was well represented in campus organizations this year.

Besides their annual Carnival and all-school party in the fall, the Sigs have participated in a fall and spring retreat, intramurals, and service projects.

Club honors include Allen Edmonds and Tom Marlow in Order of Omega, Rick Van Hooser, an Alpha Chi Omega Big Brother, and Tommy Terrell, the basketball trainer.

Members: Jon Arostegui, John Baldrige, Rick Barnes, Bill Cash, Lee Chaffin, Louis Clark, Kerry Comeau, Rick Davis, Mike Dubic, Ron Dungan, Allen Edmonds, Jim Gaddis, Dennis Fowler, Jack Frazier, Don Funk, Ron Faughtenberry, Steve Gleason, Brad Hamilton, Darrell Ingram, Jeff Kelly, Joe Lutz, Dan McAlister, Rick Marshall, Tom Nelson, Dick Parker, Ken Phillips, Randy Portillo, Rick Riddle, Terry Rosser, Shorty Rogers, Steve Schiller, Larry Segler, Dan Seidel, Susan Taborsky, John Wayland, Frank White, Bill Workman, Rudy Zamora.

Phi Delta Theta



The Phi Delta Theta social fraternity has carried on the precepts of its founders: the cultivation of brotherhood, a high degree of mental culture and the development of high moral ideals.

The brothers of Phi Delta Theta have strived to better humanity by portraying that "one man is no man."

Active in campus organizations are: Charlie Cosgrove, Student Judiciary Board; Bob Clark, Student Congress; Wayne Warren, president of the Student Advisory Council and member of the Teacher Evaluation Committee; John Gustafson, head cheerleader; John Brown, co-captain of the football team and Scott Highsmith, in football.

University and community activities sponsored by the Phi Deltas were the Winter Olympics, the Mike Smith Memorial Scholarship, Phi Delta Theta Spirit Wagon and the annual Boy's Club Clean-up Day.

Members: Liam Bell, Mike Bednarik, Rusty Breckeen,

John Brown, Mike Calcagno, Mike Campbell, Vernon Campbell, Ken Carty, Mitch Caudle, Dan Choate, David Conway, Charlie Cosgrove, Bob Dean, George Doty, Phillip Frizzell, Paul Duszynski, John Gilligan, Jon Gustafson, Lars Gustafson, Tom Harrington, James Hayes, Scott Highsmith, Mark Hill, Jerry Hodges, Jim Ivy, Johnny Johnson, Robert Johnson, Gary Fisher, Mac Ledbetter, Ray Liverman, Randy Loveless, Norris McCarty, Terry McNatt, Pat Montgomery, David Navratil, Bill Olsen, Mike Pearce, Joe Peden, Ken Pye, Larry Rogers, Al Sabedra, Rick Self (VP), Brent Skillman, Dalton Slape, Jim Smith, Leo Thrasher, Chris Terrell, Steve Vickers, Roger Vinson, Bill Voegtle, Mike Watts, Wayne Warren (P), Bob White, Ralph Widman, Larry Wine.

Pledges: Jim Barwegen, Russell Cheatham, Bob Clark, Mike Hudgins, Jim Kennedy, Richard Schoelerman, Art Simpson, Ric Vinson.



SIGMA PHI EPSILON
RCKS MA RCKS

Who is a Brother: He who understands your silence. He who will be a balance in the seesaw of life. He who considers your needs before your deservings. He who to himself is true and therefore must be so to you. He who, when he reaches the top of the ladder, does not forget you if you are at the bottom. He who is the same today when prosperity smiles on you, and tomorrow when adversity and sorrow come. He who cheerfully comes in

when all the world has gone out: who weeps with you when the laughing is away. He who guards your interests as his own, neither flatters nor deceives, gives just praise to your good deeds, and equally condemns your bad acts. He who is the same to you in the society of the wealthy and proud, as the solitude of poverty: whose cheerful smile sheds sunshine in every company. Taken from the *Leaves of Gold*.



Phi Gamma Delta



Phi Mu



Phi Mu, the first national sorority on campus has finished another year of involvement in campus and community activities.

The women of Phi Mu were involved in many different areas of university life.

The Neiman Marcus Mamselles were Barbara Gilmore, Diane Mertz, Colleen Mullaney, Marylynn Sitton and Cheri Stearns.

Janet Bida held membership in the national honorary scholastic society and was in Who's Who in American College and Universities.

Several of our sisters were fraternity sweethearts. Berta Beadel was the Sigma Phi Epsilon sweetheart. Judy Cushman was the Beta Theta Pi Daughter of the Diamond, and for the coming year, Diane Mertz was elected Pi Kappa Alpha Little Sister. Laura Dameron was the Sam Houston Rifle Team sweetheart and Julie Munford was the sweetheart of the Insurgent Team.

Special honors included Ms. UTA—Cheri Stearns. Ms. Stearns was also a founder of the Society of Hellenas, an honorary sorority for sorority women. Diane Mertz, president of Panhellenic, won the Dana Downs award for the outstanding Greek woman on campus. She was also a member of the Hellenas.

Members: Berta Beadel, Janet Bida, Cathy Bolling, Dawn Brunette, Kay Bryant, Debbie Carroll, Mary Clemson, Debbie Collins, Debbie Courtney, Brenda Cornish, Judy Cushman, Laura Dameron, Sheila Dickson, Teresa Drye, Jo Lynn Ellis, Marsha Gibbs, Barbara Bilmore, Prissy Hamilton, Marilyn Henry, Diane Howard, Lydia Hughes, Debbie McGuire, Sandy McNuff, Diane Mertz, Colleen Mullaney, Julie Munford, Patti Palmer (VP), Marylynn Sitton (P), Cheri Stearns, Karen Van Keuren, Kim Van Keuren, Sydney Webb, Beth Wells, Jill Wnorowski.





Pi Kappa Alpha has always emphasized involvement both within and outside the fraternity.

Pikes involved in campus offices are Student Congress president Ken Curry and freshman president Ron McIntyre. Poncho Sutherland was elected Mr. UTA and Sam Maverick.

Involvement in Student Activities included the DU-SAB Fling Week in the spring, capturing first place in the fall Kappa Sigma Karnival and tying for second place in the fraternity volleyball intramurals.

Members: Joe Alexander, Bill Arndt, Roger Arnold,

Kirby Ballas, Gary Betts, Fred Brandon, James Cates, Bryan Chevrant, Tim Clothier, Tim Cox, Terry Cunningham, Ken Curry, David Douglas, Gary Eaton, Chip Griffiths, Mike Harris, Noel Harris, Jerry Henderson, Vernon Hodge, William Irwin, William January, Champ Lee, Ron McIntyre, Samuel March, Ken Morey, Mark Moseley, Jim Munford, Steve Owen, Steve Parker, Mike Phillips (fall P), Max Post, Ned Pov, Gerald Pruitt, John Ried, Robin Riley, Bob Rush, Art Singleton, Mike Solomon, Stuart Stine, Poncho Sutherland, Roger Taylor (spr P), Scott Terry, Robert Warren.



Pi Kappa Alpha



Sigma Nu

To believe in the life of love, to walk in the way of honor, to serve in the light of truth. This is the life, the way, and the light, of Sigma Nu. This is the creed of our fraternity.

Members: Bill Ashenart, Mike Bishop, Mark Cooper, Tom Johnson, Vasu Kadambi, Bill Travnikoff, Lee Mitchell, Jack Mullins, Larry Taylor, Don Zahn.





Sigma Phi Epsilon

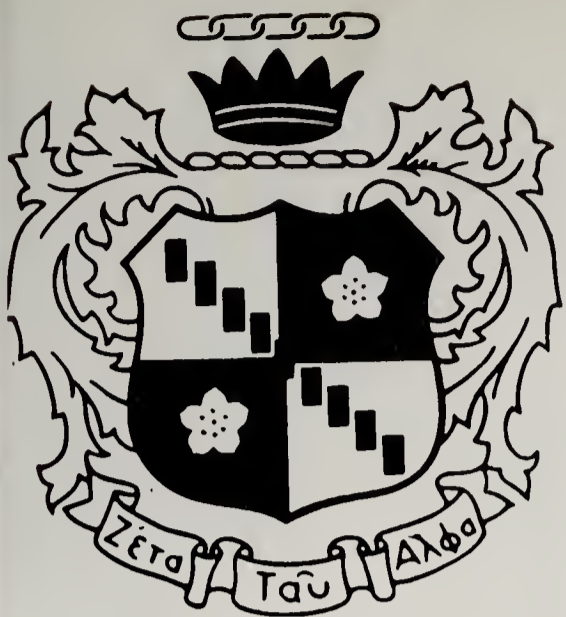
Sigma Phi Epsilon fraternity was organized here in October, 1971. Since that time, their growth has been seen in their activity on campus.

Bill Dodd served as IFC rush chairman and was named a member of the Order of Omega. Stan Prichard served as treasurer of IFC and was a member of the Maverick Marauders. Tom Moore was named a yell leader and was president of the Maverick Marauders Spirit Organization. He was also an Alpha Phi Big Brother.

The Sig-Eps were named Spirit Winners of 1973 for their dedication and support of athletics. Mike Sutphin is a member of the football team and Pat Blanchard is on the track team.

The phrase "true brotherhood" is the foundation for Sigma Phi Epsilon. Brotherhood, virtue and diligence are the basis in our pursuit of daily life and goals.





Zeta Tau Alpha

ZTA



The Zeta Tau Alphas had an active year beginning in the fall by placing second in the Phi Delta Theta Winter Olympics. Later they took first place at the Kappa Sigma Charity Carnival for best booth.

Individual recognition included favorites Patty Scoggins, Gretchen Sellers and Cindy Vance, several fraternity little sisters, cheerleaders and Maverick Missys and four members in the National Order of Hellenas.

The Zetas also sponsored projects to support their philanthropy of the National Association for Retarded Children.

Members: Debi Bevers, Sheila Cain, Carol Capers, Melinda Clyde, Anadele Collins, Cindy Copass, Janis Culpepper, Debbie Crenshaw, Jill Dalley, Cheryl Davis, Kathy Dennis (P), Gay Foust, Cheryl Heflin, Shelley Johnson, Kathy Kennedy, Karen Kirkpatrick, Vicki Middlebrook, Shauna Payne, Kathy Rice, Patty Scoggins, Gretchen Sellers, Debbie Simpson, Minga Stephens, Pam Stroope, Marion Tapogna, Sandy Tichenor, Cindy Vance, Connie Wallace (VP), Denise Whitfield Penny Williams.

Fall pledges: Sally Copass, Barbara Crump, Debbie Dewees, Chris Drury, Patty Fury, Cezanne Garrett, Charla Glover, Lucile Holman, Debbie Maxwell, Susan Reeves, Tina Ross, Jenny Rusk, Anne Stewart, Debbie Stone, Terry Waldrop, Carol Zito.

Spring pledges: Pam Baker, Cathy Crane, Beckie McKinney, Susan Simpson, Lawana Smith, Gale Southern, Linda Spurlock.



Panhellenic

Panhellenic is a group of sorority women bound together "to serve to the best of our ability, our college community and striving for the cooperation of fraternity life, in harmony with its best possibilities." More than that, being a member of Panhellenic is pride. Pride in

your own sorority and pride in the Greek system. There are two members from each sorority that make up the Panhellenic Council.

Members: Julie Buss (VP), Connie Caldwell, Kathleen Carefoot, Jody Christopherson, Marsha Gibbs, Arthurlyn Harden, Kris Kirkpartick (Sponsor), Judy MacDonald, Diane Mertz (P), Minga Stephens, Gayle Spruiell, Sandy Tichnor.



Mav Marauders

The Maverick Marauders were formed in May, 1973, to arouse spirit at various athletic and school activities. Their participation includes the firing of an 1832 Blunder Bust at football games when the Mavericks score and the care of a giant 8x12 foot Maverick flag.

Helping to bring color and excitement on the sidelines during football games, the Marauders are known for their blue and white Western shirts with black gouche hats.

Members: Bill Arnt, Kirby Ballas, Paul Brown (VP), Dave Chamberlin, Ken Curry, Steve Ellis, Ron Faughtenberry, Ken Fletcher, Randy Haffard, Jim Hayes, Bill Irwin, Charlie Lucas, Robin Lyle, Craig Mackey, Tom Moore (P), Stan Prichard, A.J. Soto, Al Soto, Pancho Sutherland, Gary Watters, Steve Willey, Joe Wolf.



PEMM

The Physical Education Majors and Minors club offered its members further experience in their field and an opportunity to become better acquainted with others in their field.

The club sponsored a Junior High School girls' basketball tournament and a bowling tournament for the Concerned Youth for Cerebral Palsy of Fort Worth. During the track season the club assisted the Arlington Recreation Department with its annual TARs track meet.

PEMM encourages involvement of its members in campus sports. The club hosted its annual Spring Play-day to close out the year's activities.

Members: George Baskins, Nancy Bernard, Wanda Bryant, Toni Burley, Linda Cathey, Kandy Cox, Brenda Cotham, Wayne Davis, Rena Day, Roni Dean, Mary Ann Dyss, Deta Eichelberger, Davy Elliott, Lois Engler, Skipper Ezzell, Laurie Gibson, Gary Griffin, Mary Guerra, Johnny Hammonds, Carol Heit, Lynn Hughes, Sandy Knowles, Cheryl Lanham, Chris Mayhew, Diane McKelvy, Martha McKinley, Donna Miller, Jeff Neal, Betty O'Neill, Terry Pearce, Bill Pewitt, Bill Shatford (VP), Susan Smerick, Candy Templeton, Ursala Trika, Peggy Wakeland, Diana White (P), Mark White.



Baha'i Club

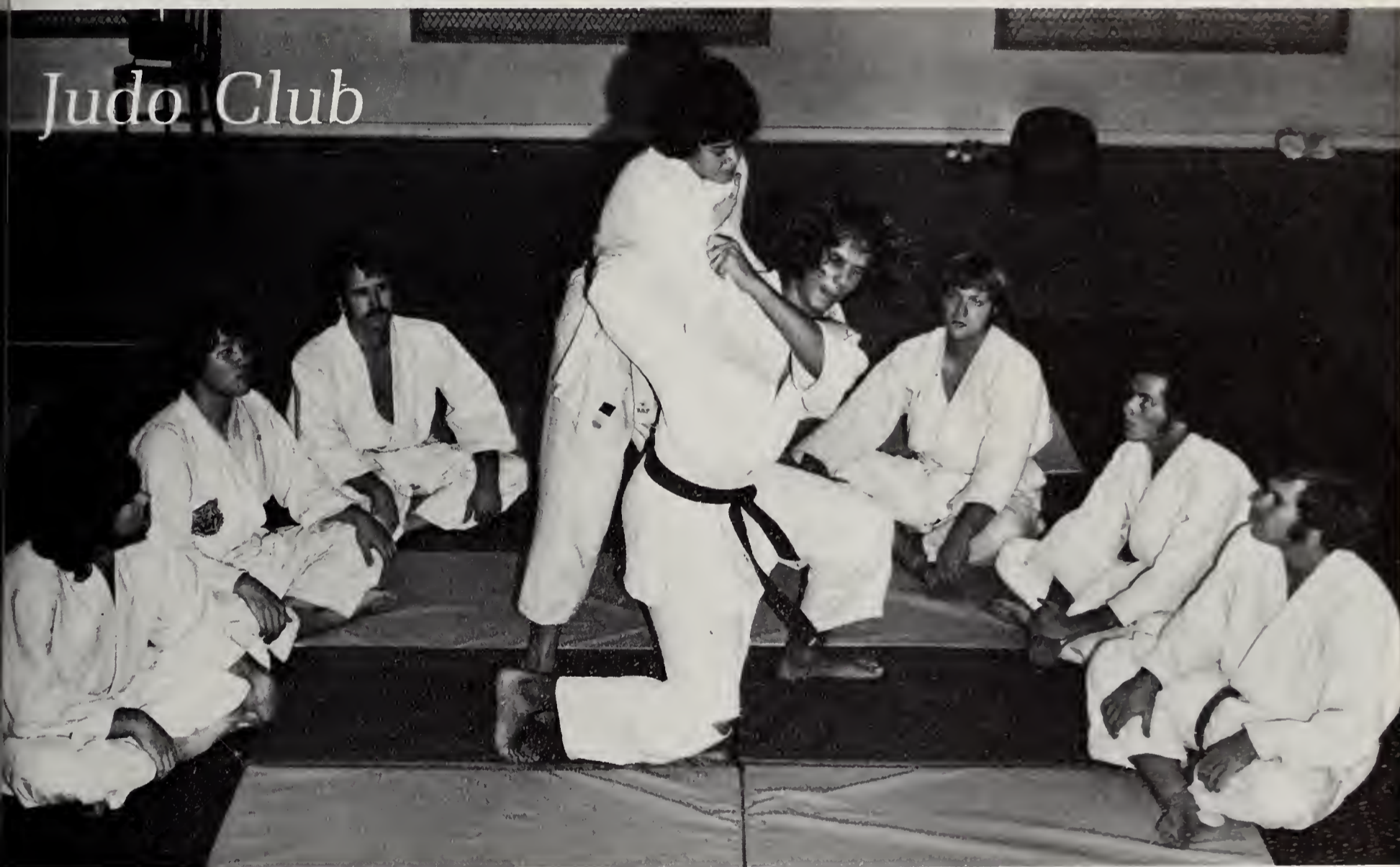
By promoting such activities as public meetings, lectures, discussions and social events, the Baha'i Club attempted to acquaint interested persons with the doctrines of the Baha'i Faith this year.

The faith maintains belief in the unity of God, acknowledges the unity of his profits and upholds the tenet of oneness and wholeness of the entire human race.

Members: Florence Calvine, James Gamble, Saeed Hedayati, Manoochehr Jafari, Karen Kazemzadeh, Manoochehr Kazemzadeh, Ehsan Moyyed, Shahnaz Poor Sharif, Bijan Zaeri.



Judo Club



The ultimate objective of Judoka is eventually rising to be master of one's own body, mind and emotions through physical, mental and emotional training.

The technical theory of Judo is based on the law of nature—gravitation and leverage—whereby yielding to force, one overcomes the opponent.

Besides providing judo classes for interested students, the club sent competitors to tourna-

ments throughout the state. Club members placed in all state-wide tournaments they attended, including Twilla Fred who placed first.

Members: Allen Barger, Paul Basham, Brenda Cole, Norman Cox (P), Janes Cooksey, George Culpepper (VP), Twilla Fred, Wade Goolsby, Don Grainger, Kevin Harris, Mina Kurata, Wayne Kraften, Margeny Montgomery, Jeff Moore, Brenda Smith, Jeff Nash, Ben Soong, Dave Tynes, Don Zahn.



BSU



The Baptist Student Union operates to share the Christian message with interested students and faculty members and to provide a place for Christian fellowship and growth. Membership and participation is open to people of all denominations.

Activities include mission programs both during school and the summer and the conducting of Bible study programs.

Executive council members: Keith Blakley (P), Mary Boren, Jenny Brown, John Cimmerman, Mindy Clay, Janet Cummings, Rollin DeLap, Becky Gantt, Jeff Glass, Mike Graham, Mildred Head, Truman Hale, Barry Lane, Ed Laymance, Cyndi Loar, Becky Partlow, Brad Sprague, Rhonda Skaggs, Leah Starnes, Mary Strait, Kay Vaughn, Dan Waldron, Chris Wood.



St. Anselm's Canterbury Association

Operating under the sponsorship of the Episcopal church, the Canterbury Association, an organization open to all students of the university, moved forward in its attempts to enhance understanding of the Christian Faith this year. To achieve this end, the group sponsored activities aimed at both social and spiritual development of students, faculty and staff.

Also, by uniting the parish and campus ministries, the Canterbury Association was able to provide temporary church homes for students living on campus.

Major events supported by the organization included daily Eucharistic celebrations, religious instruction, counseling, parties, and retreats. The Canterbury Association also participated in the noon luncheons, sponsored jointly with the Wesley Foundation and Arlington Ministries in Higher Education.

Members: Carol Brister, Bill Carruthers, Pat Chiles, Rev. William Clarkson, Gary Couch, Christopher Crary, Jane Hargis, Betsy Henchcliffe, Pam Hope, LeaAnn Hudson, Ezekial Ijalana, Susan Lang, Kim Martin, Jo Matthews, Jeff Moore, Ralph Nichols, Peter Ots, Denise Smart, Tom Weakley.





Koinonia

Koinonia is the student organization representing the Church of Christ Student Center and Bible Chair at UTA. The greek word, Koinonia, means fellowship, and this is what the club promotes. Benefits of membership include sharing and involvement in both spiritual and social activities.

The Church of Christ Student Center and Bible Chair is directed by Paul Phillips and David Hobby.

The CCSC and BC office was open from eight to five daily to assist students in any way, who may need help in any area of religion. Facilities included table tennis, pool tables, card games, a library for study and a lounge for relaxing and talking with other students. Daily devotionals were planned and carried out by students for anyone wishing to attend.

Members: Gary Barksdale, David Brisbon, Dennis Brown, Charles Gill, Nancy Hall, Marvin Junge, Vickie Lane, Dwayne Lee, David Looper, Tim Lucas, Beth Pipes, Jack Polly, Le Ann Ray, Debbie Smith, Stan Smith, Suzy Toliver, John Tucker, JoLynn Ward, Jim Yarian.

Newman Club

One of the basic beliefs of the Newman Club is that growth is "the only evidence of life." It is toward promoting that growth—through friendship, warmth, and Christianity—that the members of the Catholic organization here pledge themselves.

The spirit of the Newman Club was kindled by the man from whom the group derives its name, Cardinal John Henry Newman, an Oxford graduate and Catholic convert.

The Newman Club is open not only to Catholics, but also the members of other faiths, since, according to the group's philosophy, all are "children of God, and thus, brothers and sisters."

In addition to participating in organized activities with TCU, NTSU, TWU, and TCJC, this year, the Newman Club also sponsored local religious retreats and "Days of Recollection." They also took part in such fund raising projects as St. Maria Goretti Carnival, food and clothing drives for the poor, and an arts and crafts sale at UTA.

Members: David Bassich, Sylvia Beierman, Wayne Bierman, Patrica Boyd, Lee Brewer, Vicki Brewer, Kathy Brusewitz, Lesa Campbell, Tovert Campbell, Vicki Chapman, Michael Coleman, Colleen Corbett, Carlos Craff, Doretta Craff, Jennifer Cultree, Judy Cushman, Don Davis, Marc Foster, Lynda Forman, Tom Gorman, J. B. Hall, Leslie Henson, Mike Hinkson, Kay Hueme, Dean Johnson, Sheryl Johnson, Steve Kirchem, Tim Kiriener, Bill Kuo, Keith Linton, Bob Marrinan, Joan Mashburn, Mike Mayday, Laverne McGowan, Omar Medina, John Moore, Tina Mozjesik, Tom Mullen, Judy Phillipson, John Pieters (VP), James Reidy, Lico Reyes (P) Scott Rice, JoAnn Salagar, Father Gerald Scholl, Bobbie Shepard, Dan Shepard, Dana Smith, Tony St. Marie, Patrice Terrazas, Tim Thompson, Noel Trudeau, Rosemary Vavrin, Laurie Voss, Steve Walters, Ralph Williams, Barbara Yablonsky.



Wesley Foundation

The Wesley Foundation is the ministry of the United Methodist Church, in cooperation with the Catholic, Episcopalian, Disciples, and Presbyterian Churches, to the University of Texas at Arlington. Its primary objective is to act as a community of students, who, while they ask questions of life, celebrate its gift at the same time.

The Wesley Foundation is a company of students who know and understand the doubts and pressures of the twentieth century in general and of the university in particular. On the other hand, they are glad to be alive in the time and place in which they have been set, and are concerned with being faithful to the One who has given them their life.

Among the activities sponsored by the Wesley Foundation this year were the Friday Noon Luncheons—meals provided by various Methodist churches in Arlington followed by guest speakers; and various film showings throughout each semester. The group also sponsored a Halloween Party and canoe trip on the Brazos River during October.



Christian Science

The Christian Science Organization has one goal: to heal through love and a practical understanding of God.

Every Tuesday at 12:30 p.m. in the Student Center, an inspirational meeting is held where students tell how they've used their understanding of God's healing power to help themselves and others. Everyone is always welcome at these meetings.

A lecture on Christian Science is held each year and speakers participate in Religious Council Functions.

A literature distribution box is maintained in the Student Center and a special week promoting "The Christian Science Monitor" is held twice a year.

President, Mindy Ledbetter.



Chi Epsilon

Chi Epsilon was organized to recognize the characteristics of the individual civil engineer pursuing an engineering career and to aid in the development of those characteristics. The organization fosters the development and exercise of sound traits of character and technical ability among civil engineers and particularly its members.

The organization renovated a room in the Engineering Building for use as a study and work room for student members of both Chi Epsilon and the American Society of Civil Engineers.

Members: Judith Corley, Carl Faure, Robert Gergens, Frederick Gibson, Robert Gnuse, Robert Hill, William Howard (VP), Emory Penny, Pete Shack (P), Michael Shiflett, Michail Stinehelfer.





Alpha Chi

Alpha Chi, meaning truth and character, faced the challenge of the "promotion and recognition of scholarship and of those elements of character which make scholarship effective for good among the students in the academic divisions of colleges and universities in the United States of America and other countries." A National Honor Society, Alpha Chi has the following requirements for admission: a grade point average of at least 3.5 on the 4.0 scale, completion of 60 or more hours of credit, and be of sound character.

As a service to the university, Alpha Chi offered a free tutoring program. A program in English was initiated, and expansion into other areas was planned.

Members of Alpha Chi represent the top ranking ten per cent of students classified as juniors and seniors.

Members: Pama Allen, Therese Allen, Robert Anthony, Chris Balthrop, Jerry Barnett, Janetjo Bartell, Debbie Bates, Helen Beeman, Thomas Beets, David Bell, Phillip Bell, Carol Bemrick, Janet Bida, Kenneth Bird, Donald Birdseye, Michael Bolton, Judy Bowden, Dody Bracken, Steven Brammer, Ruth Brock, Mary Brooks, Elsie Brown, James Brown, Wayland Broyles, Robert Bruns, James Bryant, Alice Bullock, Gary Burgess, Addie Burlison, Catherine Burns, Sharon Byers, Minnie Caldrola, Robert Canavan, Robert Carr, Ronald Carroll, James Carter (1 VP), Alfred Castillo, Patsy Cawthon, Nai-Wing Chan, Judith Chapman, Timothy Cheek, Mary Clare, Brenda Clarkston, Donald Cochran, Ronald Cochran, Charles Coltharp, Brenda Cornish, David Cowart, Michael Craiglow, Lena Crews, Vicki Cummings, Lisa Daniel, Patricia Daniel, Rena Day, Debra Derr, Thomas Dietrich, Michael Dondelinger, Carolyn Duffee, Durline Dunham, Richard Edmiston, Louis Eichenberger, Martha Ellison, Mark Epstein, Patricia Epstein, Andrew Etter, Jay Fain, Karen Fawcett, Chris Fennell, Catherine Fisher, Phyllis Fitch, Samuel Forsythe, Ernest Fredrickson, Jay Freels, Timothy Freer, Carolyn Fuller, Vernon Fults, Mary Georgevich, Margaret Goode, Shirley Graves, Jim Haley, Thomas Hall, Kyle Hamilton, Harry Ham-

mond, Linda Hand, Larry Harred, Dale Harris, Jo Beth Harris, Rita Helzer, Judith Henderson, Eliseo Herrera, Deborah Herring, Martha Hill, On-Pong Ho, James Huggins, Julie Humphries, Jimmy Hussey, Nancy Hutchins, Maureen Ische, Michael James, Janis Jamieson, Susan Jenkins, Dana Johnson, Judy Johnson, Mildred Jones, Mark Kallus, Mollie Kelley, Philip Koether, Sorraine Krause, Mary Kresge, Roberta Krouse, Mary Lamb, Roger Lane, Gary Lefkof, Robert Leone, Walter Leonard (P), Thomas Little, Paul Loftis, Cheryl Mackey, Narcisco Macia (2 VP), Alan Magee, John Maher, Clinton Maples, Joyce Marrow, Denny Martin, Keith Mauldin, John Maynard, Randall Mayo, Lisa McCain, Freddie McCann, Robert McCarty, Rebecca McCluney, Pam McDaniel, Dr. Charles McDowell (Sponsor), Kathy McElree, Lisa Merrill, Doris Meyer, Vicki Miller, In Duk Moon, David Moore, Janette Moore, Vicky Murry, Robert Mustard, Joseph Neal, Larry Nelson, James Nicholson, Bert Pace, Dolly Palmer, Milinda Parrish, Barry Payne, Terri Pearce, Charles Pillow, Joe Potthoff, Virgil Poulter, Karen Prehoditch, Thomas Prehoditch, John Ranes, Carrie Reeder, Allen Reuben, John Richardson, Donald Rickards, Patsy Riley, Charles Rios, William Rios, Andrew Robertson, Susan Roos, Susan Roth, John Rumsey, Mark Scroggins, Alice Sekanick, Rocks Senger, Annette Shaver, Margaret Shields, Michael Shiflett, Faith Sisney, Rebecca Skeryanc, Anne Smith, Cleta Smith, Nancy Smith, Patricia Smith, Margaret Snyder, Tze Ching So, Alton Solberg, Terry Stewart, Kathryn Stigler, Judith Stranczek, Michael Stinehelfer, Mary Stroope, Ann Sury, Steven Swacker, Janice Tarbell, Henry Tate, Melanie Tate, Jan Taylor, Katherine Taylor, Thomas Taylor, Danny Thomas, Margaret Thompson, Richard Tibbets, Edward Tracy, Hugh Ulrich, Vicki Vaughn, Nita Walker, Pamela Walt, Catherine Weaver, Candace Weikel, Donald Wells, Joe Wells, Lois Wells, Vincent Werner, Glenn Whitten, Buster Williams, Florence Winer, Mason Woodruff, Larry Wong, Rebecca Wray, Linda Wright, Michael Yandell, Daniel Young.





Alpha Chi

Initiation Ceremonies



Alpha Pi Mu



The Texas chapter of Alpha Pi Mu, an honorary society for industrial engineers, was founded May 19, 1970.

Membership is conferred each semester to students who have shown exceptional academic interests and abilities.

The pledges of Alpha Pi Mu were involved with creating an Industrial Engineering Scrapbook/Photo Album for use by the industrial engineering students and assisting in the bioenvironmental and human factors display areas and showing of engineering and management films in the Engineering Open House held in November. Another project was the recent completion of work on an 18 by 36 inch casting of the Alpha Pi Mu key.

During the past year, the Texas chapter of Alpha Pi Mu initiated a new chapter at Louisiana State University.

The honorary fraternity works to create a closer student-faculty relationship and to encourage advancement to the best interest of Industrial Engineering.

Members: Daniel Abshire, Gary Benson, Robert Bullis, Victor Cawoski (P), Edward Chandler, S. Chandrasekharan, Bruce Cleveland, Dr. H.W. Corley, Yogen Dalal, Arnold Davis, Donald Davis, Larry DeShane, Dr. Robert Dryden, Paul Duszynski, Janice Fannin, Vernon Fults (VP), Richard Fouke, Dr. John Fox, Paul Givens, Alireza Haghseta, Rushikesh Hathi, John Hoyt, Jeff Krauss, David Lewis, Dr. Joseph McDaniel, Rajani Mahidhara, Dr. France Meier, Narendranath Menon, Induk Moon, Ali Nayebabbas, Mohammad Omer, Dr. Elinor Pape, Ragheb Rafla, Louis Shone, Mark Snyder, Yeshoua Sohayegh, Dr. Larry Stanfel, William Stokes, Jerry Swaner, Jerry Tompson, Gary VandeRostyne.



Beta Gamma Sigma

Election to membership in Beta Gamma Sigma is the highest scholastic honor that a student in business administration can acquire. Members in the society encourage scholarship and accomplishment among students of business administration, promote the advancement of education in the art and science of business, and foster integrity in the conduct of business operations.

Faculty members: Wayne Alexander, Joseph Brophy, Gene Burton, Pat Calabro, Ross Flaherty, Edwin Gerloff, David Gray, William Green, Thomas Holland, Walter Ivie, Albert Lewie, William Lucas, Joe Morici, Larry Nelson, Robert Parker, William Pinney, William Reher, Lola Rhodes, Allan Savage, Lawrence Schkade, Howard Snavely, Florence Sneed, John Stanley, Richard Vargo, Theodore Whitesel, Richard Wilson, Terry Witt, Jerry Wofford.

Graduate members: Galen Carpenter, Don Friewald, Lin Hodnett, Robert Parker, John Reinhardt, Dan Rinka, Walter Samples, Spencer Switzer, Jimmy Woodson.

Undergraduate members: Henry Beidelman (P), Robert Bruns, Jay Fain, Kenneth Hankamer, Mary Lamb, Larry Nelson (VP).





The Epsilon Mu chapter of Eta Kappa Nu is the national honor society for Electrical Engineers.

Through the efforts of the organization in the compilation of a lengthy biographical resume, Dr. Charles V. Smith Jr., associate professor of EE, was recipient of the Philadelphia Alumni chapter's National Distinguished Young Electrical Engineering Teacher Award. The chapter also selected the outstanding sophomore, junior and senior engineering students for a local honor, the Professor Ernst Heyer Award.

Eta Kappa Nu was responsible for demonstrations and displays during the Open House and conducted a daily clinic for underclassmen.

Members: Mohamad Adhami, Chris Balthrop, David Banks, Steve Brammer (VP), Robert Carr, Floyd Cash, Robert Cook, Mike Craiglow, Paul Cunningham, David Deas, O.L. Desai, Donald Dickson, Louis Eichenberger, John Fagan, Gary Garrett, Linda Garza, Alan Gerhardt, Charles Gibke, Jesse Hagemeyer, Hyun Han, Tim Haschke, On-Pong Ho, William Hoover, John Hoskins, Gabe Hoyos, Mike James, Jesse Jones, Orion Jones, M.J. Juricek, Henry Kearny, Harold Kolb, Mark Lanier, Ying Liu, Dennis McComb, Ronnie Miller, Tom Milson, Dennis Minor, John Moschopoulos, M.A. Narasimhan, H. Patel, Kishore Raj, Graeme Read, James Porter, Krishniah Revuluri, Jesus Reyes, Steve Prilliman, Ken Propes (P), James Robinson, Terrence Schindler, Niranjan Segal, Zeke Shashoua, Raymond Shoults, Joe Shufelt, Howard Smolleck, Robert Spann, Basil Steele, Greg Stett, Raymond Stoudt, Avinash Thakrar, K.R. Thompson, Larry Tullos, William Wallis, William Watts, Thomas Webb, Gerald White, Bryan Williams, Alan Yuen.

Kappa Kappa Psi



The Delta Sigma chapter of Kappa Kappa Psi, the first nationally chartered fraternity on campus, celebrated its tenth anniversary March 15 with a banquet for former members. Initiated in 1964 for the purpose of supporting and promoting university band program, the chapter continued its efforts this year.

Service projects included constructing and erecting a sign denoting the music department entrance in front of College Hall, providing water for band members at marching rehearsals and producing and editing a film to be shown in area high schools as a recruiting endeavor.

As a community service project, Kappa Kappa Psi ushered the Six Flags Band Festival held in May at the Inn of the Six Flags.

Members: John Allison (VP), Ricky Baker, Wendell Baskin, David Bell, Larry Bothe, John Briggs, Tol Burk, Jerry Calhoun, Freddie Clemons, Howard Cunningham, Richard Highes, James Krause, Dan Laux, Doren Light (P), David Long, Jessy Lozano, Jack Mahan (Sponsor), William Postlewaite (Sponsor), David Roberson, James Wright, Chip Younkin.





Omicron Delta Epsilon

The Mu Chapter of Omicron Delta Epsilon is an honorary economics society devoted to increasing student contact with the academic community and professionals in their field. The membership represents students from the many colleges of the University in that a student's proven interest in economics, not the major, is the key consideration for membership.

Members: Tom Abney, Mark Bond, Mark Bregenzer, Brenda Cornish, Otis Gilley, Bob Howard (P), Glen Jarboe, Jerry Johnson, Kent Jones, Hans Jorgensen, Walter Leonard, Beverly McHenry (VP), Larry Nelson, Bill Osborn, John Ryan, Nick Stengel, Curt Strittmatter, Sylvia Teague, Mike Webb, Don Wells, Tom Whitlow, Linda Wright.

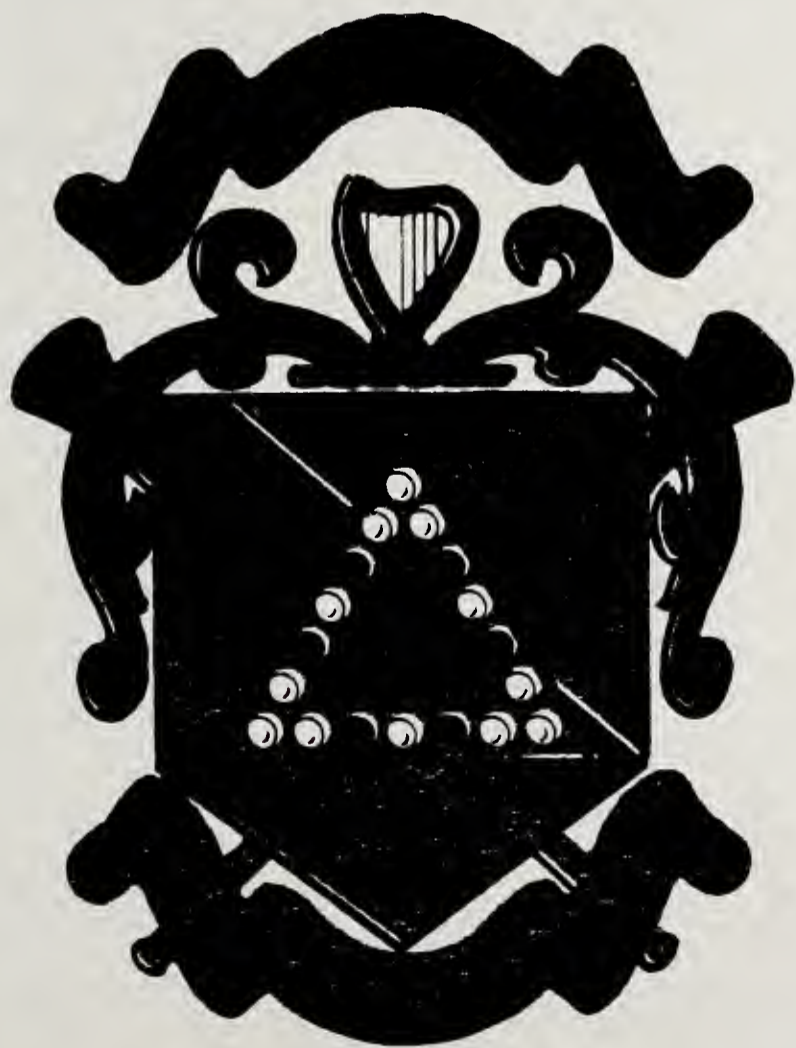


Phi Mu Alpha Sinfonia

Phi Mu Alpha Sinfonia, professional music fraternity, has as its goal the promotion of creativity, education and research in American music.

The organization works to develop and encourage loyalty to the alma mater and a closeness between fraternity members.

Members: Robert Allen (VP), Wendell Baskin, Larry Bloom, Rex Gomillion (P), Mike Harrison, Ken Hicks, James Horner, Richard Huges, Roland Kyser, David Long, Kim Magill, David Miller, Steve Musser, Morris Williams, Mike Wray, Chip Younkin.



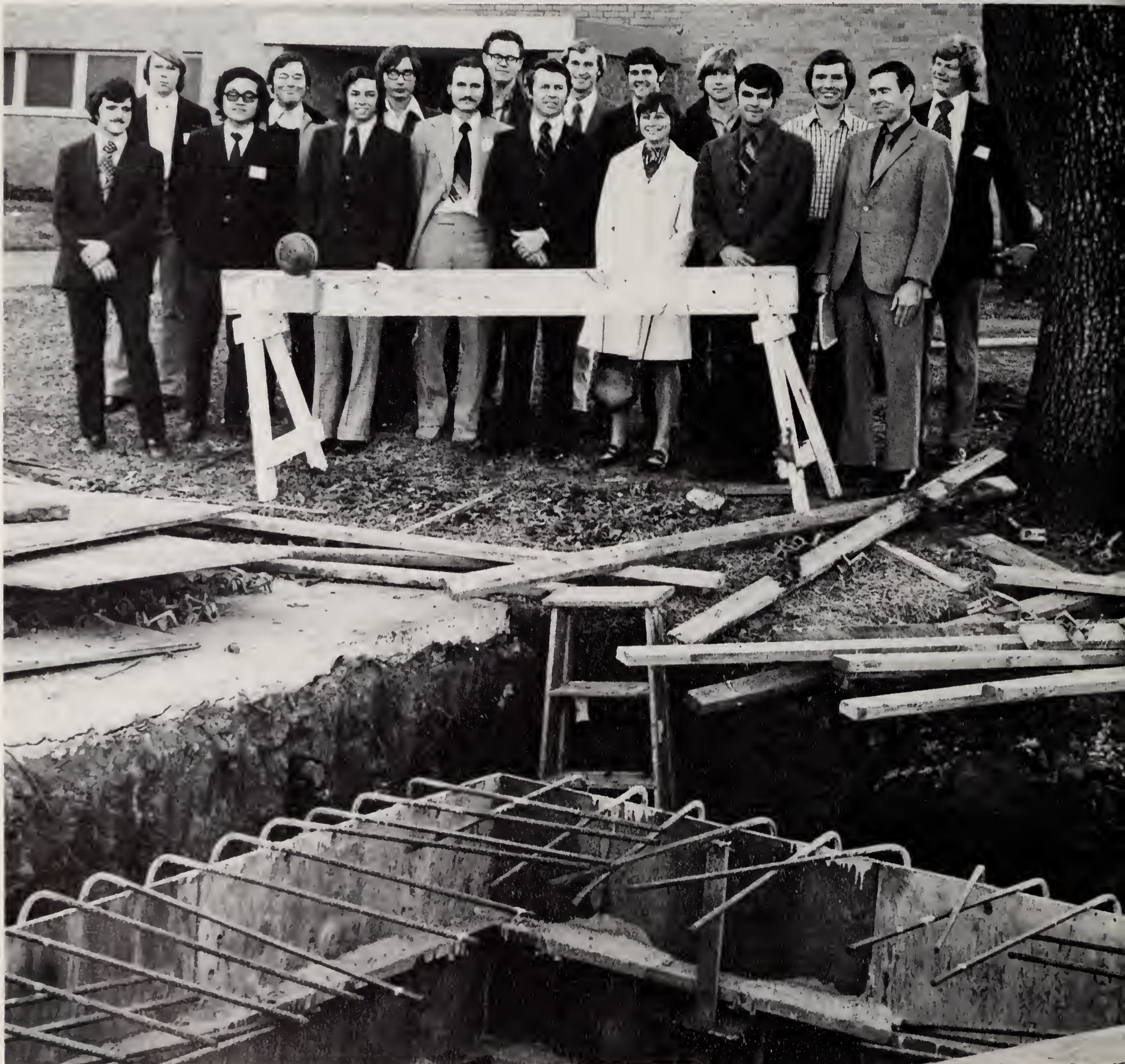
Pi Tau Sigma

Pi Tau Sigma, national mechanical engineering fraternity, honored those students who achieved academic excellence in the field. Members must be in the top 20% of the senior class and top 16% of the junior class.

The organization worked together to foster high ideals of professional engineering.

Members: Don Acker, Craig Colthorp, Richard Edmis-

ton, Steve English, James Hampsten, David Hanna, Horace Hansen, Don Herring (P), James Huggins, Myron Jackson, Ron Jackson, Charles Jenkins, David Jones, Tom Leaverton, Narciso Macis (VP), John Maynard, Randy Mayo, David Muzzy, Eric Nicholson, David Reesing, Craig Sissel, Shu Shing Tang, John Watkins, Jane Williams.



Society of Hellenas

Members: Cindy Capass, Kathy Kennedy, Diane Mertz. (VP), Cheri Stearns (P), Pam Stroope, Penny Willrich.



Sigma Delta Pi

Sigma Delta Pi, the Spanish national honor society encourages knowledge of the language and studies the literature and culture of the Spanish-speaking peoples.

Members: Mary Anderson, George Aria, Marie Arredondo, Thelma Bateman, Duncan Becker, Charles Beckett, Dorothy Belser, Carol Bemrick, Terry Blair, Maria Bovee, Mary Brooks, Sharon Bruenig, Sherry Bullin, Margot Chang, Beverly Chaplin, Jennifer Clendening, Paloma Cornehl, Ronald Craig, Durline Dunham, Frances Egan, Judy Emery, Linda Flesher, Josefina Flores, Sue Gibson, Michael Gilmore, Anne Habenicht, Thomas Harris, Sally Highfield, Mary Holland, Lisa Hutson, Helen Jackson, Arthur Knight, Donald Korenet, Roberta Krouse, Elizabeth Krueger, Joseph Lewis, Gwendolyn Longacre, Cherry Lynch, Joan Mashburn, June McCully, Kathy McElree, Lisa Merrill, Cindy Nix, Jennifer Ortiz, Patricia Reese, Kimberly Robinson, Tanya Robinson, Mary Schlaback, Vickie Shelton, Faith Sisney, Kent Smith, Cheri Stearns, Rick Stone, Mary Sroope, Lisa Thomas, Sherry Tooker, William Travnikoff, Jo Ann Uhl, Nita Walker, Sharon Wayland, Catherine Weaver, Genera Whitehead, Beverly Wood, Virginia Ann Woolf*, Roxanne Wright.

*Dedicated to the memory of the late Virginia Ann Woolf

Sigma Gamma Epsilon

The Beta Omega chapter of Sigma Gamma Epsilon was installed on February 13, 1965.

The Beta Omega chapter has prepared rock kits, sold as study guides, as its major source of income since installation. Profits have been used to support field trips to North Carolina and the Grand Canyon.

The organization also recognizes the most outstanding senior each year with the W.A. Tarr Award. The 1973 recipient was Carey Pyle.

The chapter, in conjunction with the Geological Society, awarded Charles Beeman the Roy H. Stiff Award. This scholarship is awarded to the most deserving junior.

Since installation, the group has set up and worked on the Mini-Nature Center and sent representatives to all the national Sigma Gamma Epsilon conventions.

Members (left to right from top): Paula Black, Roger Bowers, Jim Brezina, Tony Champlin, Herbert Crowder, Becky Dodge, Charles Dodge (Sponsor), Debby Dodge, Jan Earle, Nelson Files, Wayne Hathaway, Joe Herold, Gene Litke, Bob Magee, Fred Maluf, Doug Middleton, Jack Murlin, Ray Perkins, Steve Root, Rick Taylor, Mike Umphress, Bill Watson, Dave Wells, Mark Wilson.



Sigma Gamma Tau

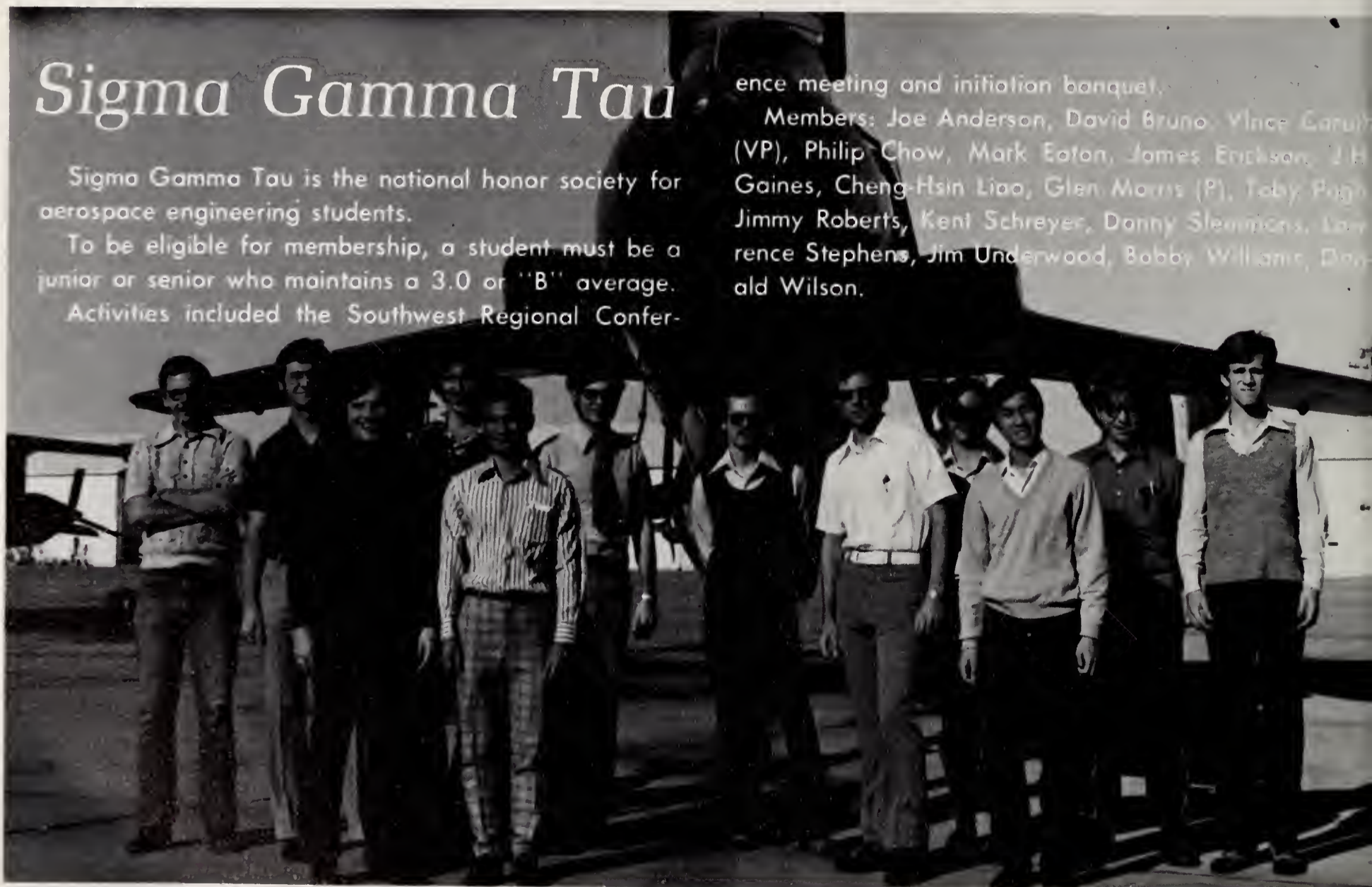
Sigma Gamma Tau is the national honor society for aerospace engineering students.

To be eligible for membership, a student must be a junior or senior who maintains a 3.0 or "B" average.

Activities included the Southwest Regional Confer-

ence meeting and initiation banquet.

Members: Joe Anderson, David Bruno, Vince Caruth (VP), Philip Chow, Mark Eaton, James Erickson, J.H. Gaines, Cheng-Hsin Liao, Glen Morris (P), Toby Pugh, Jimmy Roberts, Kent Schreyer, Danny Stemmings, Lawrence Stephens, Jim Underwood, Bobby Williams, Donald Wilson.



Tau Beta Pi



Membership to Tau Beta Pi, the National Engineering Honor Society, is open to junior engineering students in the upper eighth of their class or a senior engineering student in the upper fifth of his class. Additional consideration is given to personal integrity, breadth of interest both inside and outside engineering fields and ability in the field of engineering.

Nationally, Tau Beta Pi's projects are graduate fellowship awards, loans and non-technical-essay contests.

Each semester we conduct a blood drive and assist with the maintenance of a blood bank with the Wadley Blood Bank in Dallas.

Members: Donald Acker, Ivan Bain, Chris Balthrop, Jerry Barnett, Paul Blasche, Gary Boudreaux, Steven Brammer, Will Briggs, David Bruno, Ralph Caruth, Floyd Cash, John Chan, Phillip Chow, Robert Cook, Judith Corley, Michael Craiglow, William Crosier, Ojaswin Desai, Richard Edmiston, Louis Eichenberger (P), Stephen English, Jon Estes, Ronald Foster, Vernon Fults, Robert Gergens, Chuck Gibke, Frederick Gibson,

Charles Gilmore, Paul Givens, Jesse Hagemeyer, Ali-reza Haghseta, James Hampsten, Horace Hanson, David Hanna, David Hanssen, Rushikesh Hathi, Donald Herring, Robert Hill, On-Pong Ho, William Hocver, Gabriel Hoyos, Ronald Jackson, Michael James, Charles Jenkins, David Jones, Jesse Jones, Henry Kearny, David Lanier, Ann Lowes, Narciso Macia, John Maynard, Randall Mayo, David McMurry, Ronnie Miller, James Mills, Dennis Minor, Induk Moon, Glenn Morris, John Moschopoulos, James Nicholson, Garold Oberlender, Emory Penny, Stephen Prillman, Kenneth Propes, David Reesing, Krishnaiah Revuluri, Jimmy Roberts, James Robinson, Wilfred Schaeper, Terrence Schindler, Pete Shack, Yeheskeil Shashoua, Joseph Shufelt, Howard Smolleck, Richard Squyers, Basil Steele, Lawrence Stephens, Michael Stinehelfer, Raymond Stoudt (VP), Shu Shing Tang, Jerry Thompson, Theodore Trept, John Watkins, Billy White, Paul Wiggins, Bryan Williams, Phillip Wilson, Alan Yuen.

Sigma Tau Delta

Sigma Tau Delta was established to promote an interest in literature. In our monthly meetings, we discuss and analyze a particular aspect of literature.

This year we heard a talk on William Faulkner, a preview of a course entitled American Women Writers, an example of the comparative method of analyzing literature, a lecture on the effect of geographic location upon language and a discussion of images of women in literature.

Sigma Tau Delta is also interested in furthering com-

munication between English majors. We hope to break down the barriers of anonymity of a large university through more social get-togethers, such as a party we had in December and a picnic held in the Spring.

Members: Deborah Bates (VP), Thelma Bateman, Gail Bentley, Terry Blair, Connie Brouillette, Sherry Bullin, Addie Burleson, Pauline Camp, Susan Candelaria, Patty Crowley, Laura Crump, Nicholas Dalley, Josephine Dalley, Linda Ehninger, Phyllis Fitch, Dorothy Fluke, Samuel Forsythe, John Fry, Carolyn Fuller, Donna Gilbreath, Shirley Graves, Larry Harred (P), Eliseo Herrera, Linda Hill, Homer Hurlbut, Maureen Ische, Carol James, Janis Jamieson, Judy Johnson, Ramona Lalena, Donald Mabra, Mathilde Maersch, Vicki Middick, Sharon Murphy, Vicki Murry, Karen Oster, Sharon Parsons, Billie Payne, Melinda Ramos, Margaret Richards, Patsy Riley, John Ross, Sandra Royer, Vicki Shelton, Frances Shurbet, Flavel Shurtleff, Margaret Snyder, Kathryn Stigler, Arthur Swift, Henry Tate, Joy Thompson, William Weeks, Michelle Wells, Norma Wilkerson, Beverly Wood.



Tau Beta Sigma, women's honorary sorority, sustains itself as a service organization of the Maverick Band. Members are initiated by invitation.

Our main activities include meetings, music parties and pledgeship.

Members: Rosie Barnfield, Karen Blum, Rhonda Campbell, Martha Clark, Sheila Dennis, Judy Harmon (P), Diane Hensleigh, Lu Ann Jones, Margie Kunkel, Doris Light, Margaret Malone, Charlene Millican, Debby Norris (1 VP), Nita Price, Melinda Speck (2 VP).

Fanfare
Friends
Fun
That's Tau Beta
Meetings

Tau Beta Sigma

Memories
Music
That's Tau Beta, too.
Parties
Picnics
Pledging
That's Tau Beta
You
Me
Brothers, sisters, and love
That, most of all, is Tau Beta.

—Doris Light





Order of Omega

The Order of Omega is a national honor society recognizing individuals for contributions to their own fraternity, the betterment of the fraternity system, concern for the welfare and development of the university, and for contributions in the furtherance of interfraternity relations.

By selecting new members on a very exclusive basis, the Order of Omega symbolizes the highest ideals of service and leadership.

Members: Jim Alles, Wayne Almonds, Tim Barlett, Ron Brooks, Reby Cary (Sponsor), Mike Cayne, David Chamberlain (VP), Mike Coleman, Bill Dodd, John Earnest, Allen Edmonds, Bill Fleming, Kent Gardner (Sponsor), John Hanson (P), Jeff Harwell, Tom Marlow, Larry Minter, Robert Montgomery, Will Parker (Sponsor), Sam Plog, Ray Purifoy, Charly Skaggs, LeNorman Strong, Kirk Walden.



The UTA chapter of the American Society of Mechanical Engineers offered field trips, guest speakers, faculty-student lunches and group discussions to heighten members' interest in ME.

ASME has been on campus since 1967 and has set a goal for itself: To stimulate interest in mechanical engineering. The society, with more than 50 members, is sponsored by Dr. David Hullander, assistant professor of aerospace and mechanical engineering.

Members: Don Acker, John Ashby, Hozea Chambers, Steve English, Charles Gilmore, James Hampsten (Vice-Chairman), Kenneth Harnack, Mike Hill, Jim Huggins, James Hurt, Jr., Myron Jackson (Chairman), Ronnie Jackson, David Jones, Narciso Macia, John Maynard, Gilbert McPheeters, Bill Lane, Alvin Sissel, David Snyder, William Springer, John Watkins, Jr., Franklin Williams, James Williams, June Williams, Jerry Winton, Clifford Wvertz.



The American Helicopter Society and the American Institute of Aeronautics and Astronautics co-sponsored a symposium dealing with the future of the nation's aeronautical industry in February.

More than 250 engineers, scientists and aerospace students participated in the program with the presentation of about 80 specialized research papers.

Presenting papers and representing UTA at the session were aerospace instructor Don Wilson, senior Jim Roberts and senior Dudley Smith.

AHS/AIAA served as a communications link between the student and professional engineer. They also sponsored films, lectures and tours of local industries.

Members: Joe Anderson, J.P. Angelone, Mark Brown, Vince Caruth (Chairman AIAA), Timothy Choate (Vice-Chairman AHS/AIAA), Philip Chow, Craig Colthapp, Mark Eaton, Gary Edwards, Harry Harr, Pierce Hooper, Jacqueline Hunt, Carl Jacobs, David Jacobs, Cheng-Hsin Liao, Hughwell Lomas II, Samuel March, Dennis McBrayer, Glenn Morris, Jim Roberts, Sandy Schkade, Danny Slemmons, Kent Schreyer, Gloyd Simmons, Jr., Anthony Skinner, Dudley Smith, Chester Starke, Lawrence Stephens, Susan Stiles, Robert Strong, Jimmy Underwood, C.T. Weakly, Truett Weeks, Bobby Williams, Robert Williams, Tom Williams (Chairman AHS), Niel Williams, Rick Van Name.



AIIE

The membership of the American Institute of Industrial Engineers is made up of industrial engineering majors. The AIIE promotes the profession through study, research and discussion. These objectives are reached by sponsoring speakers from local industry, field trips to businesses and industries, and participation in regional and national student and professional conferences. The AIIE sells PHt. (Put Hubby through) degrees and has added PHt's for single students and married females.

Members: Kamal Abboud, Daniel Abshire, Richard Barrett, Robert Bullis, Jerry Byers, Victor Cawoski, Lee Chaffin, S. Chandrasekharan, Kenneth Corcoran, Yogen Dulal, Arnold Davis, Donald Davis, James DeShane, Craig Douglas, Janice Fannin, Vernon Fults (P), Joe Galvan, Eddie Glenn, John Hoyt, Jimmy Jackson, William McClinton (VP), Carolle Meeks, Sujir Nayak, Ali Naye-babbas, Mohammad Omer, Bharatkumar Patel, Julio Rios, Richard Ross, Reza Sabbaghian, Danny Seidel, Mark Snyder, Yeshoua Sohayegh, George Straughan, Parviz Tabrizchi, David Taliaferro, Akbar Tobat, Chongrak Tripakvasin.



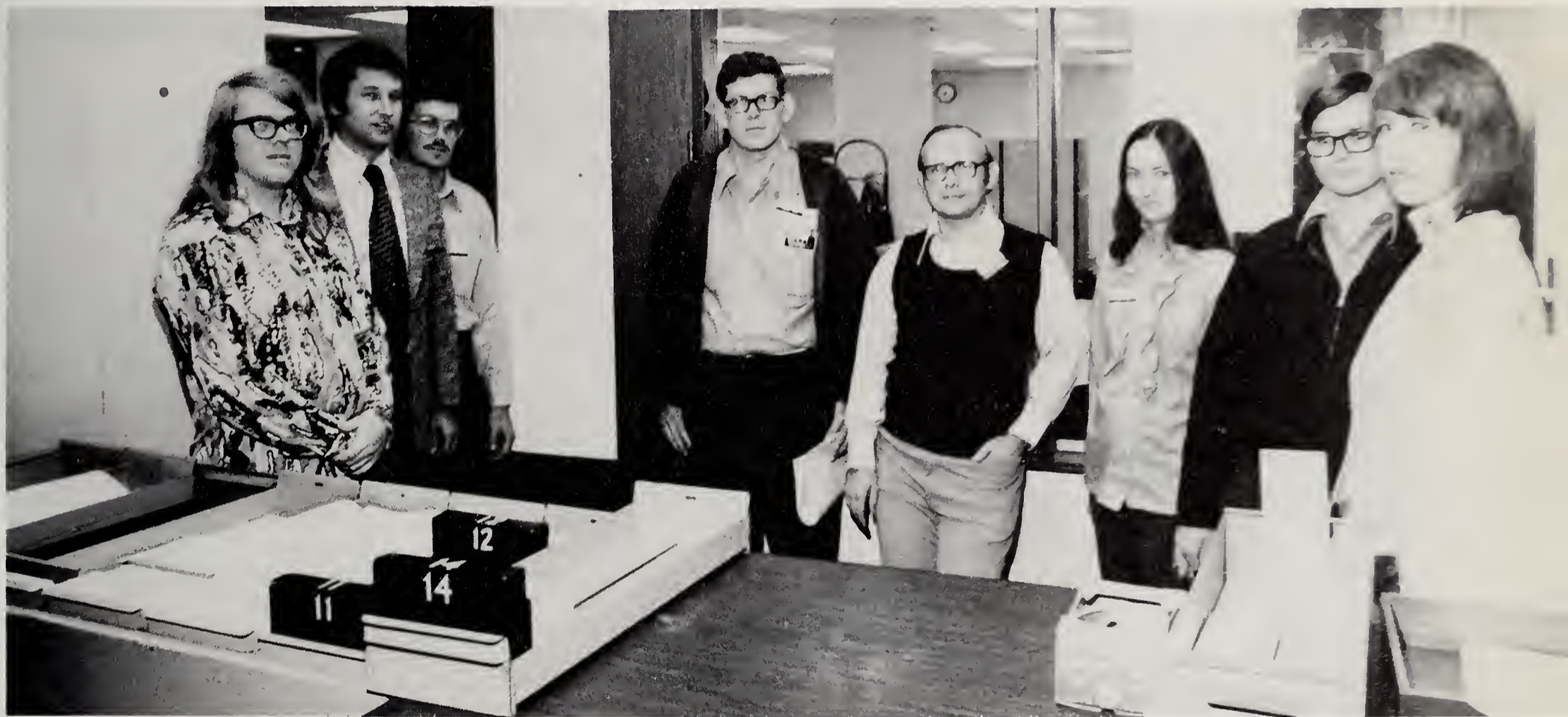
The Association for Computing Machinery promotes increased knowledge of the science, design, development, construction, languages and application of modern computing machinery.

Some recent activities included sponsoring the starting of computer clubs at local high schools, teaching Fortran classes for area high school students and the work of starting a chapter of Upsilon Pi Epsilon at UTA, a national honorary society for students in the computer sciences.

Speaking at their membership drive meeting was Mr. Dave Parker, manager of software and systems at the North Texas Regional Computer Center.

ACM is currently working to promote a greater interest in computing machinery and providing a means of communication between persons having interest in computing machinery.

ACM



Biological Society

The Biological Society is composed of a group of students with a common interest in the life sciences. Members include biology majors and non-majors with interests in natural history, lab science, medicine and other related fields.

Among this year's activities were field trips to Buescher State Park, Austin; Beaver's Bend State Park, Oklahoma; Big Bend, Texas; and the Big Thicket.

The Society also sponsored tours of Southwestern Medical School, the Wadley Institute of Molecular Medicine, Dallas Museum of Natural History, the Dallas Aquarium and the Fort Worth Zoological Park.

Members of the BIOSOC initiated a faculty lecture series which complemented guest lecturers and provided talks on such topics as marine biology, herpetology, field studies in Columbia, South America and salmon fishing in the Pacific Northwest.

Topics such as water pollution, electron microscopy, cytology, evolution, photography, ecology, botany and vacation travel have also been presented in lectures and slide presentations.

Members: Robert Acree, Dave Aldridge, Jim Aldridge

(spr P), Therese Allen (VP), Steve Anders, Kathleen Atkinson, Tom Beets, Thomas Benoit, Janet Bida, Jim Brokaw, Gary Cochran, Sandra Darby, Christal Fisher, Nace Formagus, Larry Galbiati, Joseph Granhdo, Brenda Graves, Kevin Griedeer, Marion Harless, Arch Hopkins (Sponsor), Bruce Jackson, Sheryl Jones, Lela Kline, Ron Knaus (Sponsor), Joe Kuban, Robert Lacy, Harry Martin, Ken McCoy, Bob McMahon (Sponsor), Bob Neill (Sponsor), Diane Ortiz, Gina Palmer, Barry Payne, John Pieters, Paul Reynolds, Janet Rummel, Howard Saxion, Edward Townley, Philipa Utter, John Van Reyn, Paul Wallace (fall P), Gerry White, Steve Wylie, Don Zahn.





Law Society

The Law Society is an organization of students and faculty interested in the study of law, its philosophies and applications.

One of their objectives has been to provide speakers in professions to students that explored and discussed subjects pertaining to law.

Speakers were Dean Richard B. Armentes from the Texas Tech Law School; Dean Eugene Gibson, UT Austin Law School; Professor Charles Bennett, Baylor Law School; Justice John Forbes from Arlington; Ms. Linda Coffee, the attorney that took an abortion case to the Supreme Court and several local attorneys.

Members have also visited the Baylor University Pre-Law Day, and law firms in the area, sponsored two law School Admission Tests (LSAT), and have forwarded the Legal Aid Proposal.

Members: Roger Allen, Jim Ashe, Donald Cantwell (Sponsor), Forest Calhoun, Susan Cardwell, Paul Conner (spr VP), Roger Hurlbut (spr P), Walter Leonard, Jim Mahon (fall P), Barbara Martell (fall VP), Pat Murphy, Neil Reynolds, C. D. Richards (Sponsor), Allan Saxe (Sponsor), Gilbert Smith (Sponsor), Terry Stallings, John Vasquez, Charles Van Cleve (Sponsor), Donald Waddell, Penny Willrich, Stephanie Woods.

Delta Sigma Pi

Each semester Zeta Mu chapter Delta Sigma Pi organizes and carries out an extensive professional program which brings various businessmen and executives on campus to speak to business students. In addition, tours are arranged whereby interested students may visit Dallas-Fort Worth area corporate facilities.

The chapter is also concerned about its civic responsibilities to the community and does something concrete about it. Past civic involvement has included participation in Walk-a-thons for crippled and/or retarded children plus giving underprivileged boys a night at the ballpark to see the Texas Rangers and New York Yankees on "Helmet Night."

In past semesters, the chapter has won honors in Homecoming float competition, Beauty and the Beast (we had the Beast, of course!), and for Intramurals excellence.

To help round out UTA Open House activities, the chapter has sponsored a new car show on campus with appropriate beauties as hostesses.

In the beginning, Delta Sigma Pi was established to foster the study of business in universities. Each chapter endeavors to do just that and Zeta Mu chapter is no exception.

Members: Frank Allen, Terry Bergluno (2 VP), Kenneth Branch, Mike Chessmore, Arlon Cobb, Elwood Coffel, Lonnie Gray (P), Brent Haley, Andrew Hanson, Donny Henderson, David Jennings, Wayne Newton, Bill Pitts, Halbert Ray, Dale Rouze (1 VP), Victor Sittler, Paichit Srikanchana, Dean Throckmorton, Carl Vest, Michael Vinez.





Geological Society

The Geological Society is composed of students with interests in concepts of the earth and forces which are still working on its formation.

Activities include packaging rock and mineral kits for lab use, field trips and presenting lecturers speaking on topics related to the field.

Members: Randy Aewyne, Charles Beeman (P), Leslie Beeman, Bob Breland, Rod Cleland, Debbie Dodge, Jan Earl, Russell Fory, Ron Grubbson, Michael Gutierrez, Ferry Hart, Larry Hart, Wayne Hathaway, Carolyn Herold, Joe Herold, Greg Hester, David Jackson, Doug Johnson, Cathleen Judd, Lee Kystinik, Karen Lindsey, Mehran Lofti, Jack Merlin, Nancy Miller, John Moody, Ralph Nelson, Bill Osten, Don Ottensman, Diana Palmer, Ray Perkins, Charlie Sanders, Russell Taylor, Rick Theobalt, Susan Tubbs, Mike Umphress, Dave Wells, Mark Wilson.



IEEE

The UTA chapter attempts to bring students closer to the professional world by holding monthly meetings at which professional engineers give talks on relevant engineering subjects. IEEE sponsors a national student technical paper contest yearly, besides sponsoring other scholarships, fellowships and awards including the \$500 Vincent Bendix award.

Members: Eugene Armstrong, Mark Ashford, Farrokh Ashraf, Jeffrey Baker, Chris Balthrop, James Baxter, Steven Brammer, Alfred Brem, Robert Carr, Timothy Carmichael, James Clark, Robert Cook, Michael Craiglow (P), Bobby Darr, Ojaswin Desai, William Dickson, Louis Eichenberger, J.E. Fagan, Mo Fatemi, Thomas Frazier, Richard Fryer, Gary Garrett, Charles Gibke, Jesse Hagemeyer, David Hanssen, Gabriel Hoyos, Ray Jubnik, Ray Hurry, Michael James, Jimmy Jaynes, Orion Jones, Michael Juricek, Henry Kearny, Madan Khatri, R. Krishnaiah, Roy Lachmund, David Lanier, Allen Long, Arthur Mallette, Dennis McComb, Gregory McIntire, David Myers, M.A. Narasimhan, Kamal Nawroozipoor, Michael Owens, Larry Pearson, Andrew Pilarcik, James Porter, Kenneth Propes, Terrence Schindler, Johnny Schumacker, Niranjan Segal, Tommy Spitzer, William Stokes, Raymond Stoudt, Larry Tullos, Howard Wages, Bill Wyler, Larry Young, Alan Yuen.



Pi Sigma Epsilon

Pi Sigma Epsilon is the national professional fraternity in marketing, management and sales.

Homecoming would not be the same without the Pi Sigma Epsilon mum sale held traditionally. This activity and their annual Flea Market were two of the projects which enabled them to receive the TOP Project Award and Special Events Award in 1972.

Members: Clark Arons, Bob Buchheit, Gene Castle,

Walter Cyganowski, David Griffin, Mike Gunter, Tom Hancock, Joe Huggins, Glen Jarboe, Derrel Jones, Dennis Mariani, Charles Mohrle, Larry Overton, Larry Reynolds, Bill Roberson, Gerry Tranova, Bill Turinsky, Waye Van Gorder (VP), Marion White (P), Larry Wolf.

Pledges: Bill Armstrong, Rick Castleberry, Roy Connell, Randel Embrey, Jack Jefferies, Mike Mahsetky, Wesley Moore, Hack Rogers, Tim Strickley.



Joint Council Of Student Engineers

The highest level of student government within the School of Engineering is the Joint Council of Student Engineers. The council serves as a coordinating board for all student organizations within the School of Engineering.

It also serves as an advisory board to the administration and faculty of the School of Engineering so that better communications may be established between students and faculty.

Members: Robert Carr, Judy Corley, Craig Douglas, Steve English, Cindy Geiselbrecht, Robert Gergens, Tom Gorman (P), Jim Hampsten, David Hanssen, Harry Harr, Myron Jackson, David Muzzy, Danny Slemmons, Mark Snyder, Ray Stout, Jim Underwood, Jane Williams (VP).



Math Club

The Math Club strives for fellowship between math majors and improved student-teacher relations within the department.

Their monthly meetings included films, professors speaking on different topics relative to math, and social activities.

Members: Kenneth Abel, Wayne Atkins, Beverly Bassett, Alice Bullock, Joe Burkett, Robert Burns, Steve Cain (P), Tom Chance, Danny Cook, Pat Daniels, J. C. English, Margaret Farquhar, Yolanda Flores, Margaret Goode, Charles Hall, Jayne Hargis, Saeed Hedayati, George Hutchison, Paul Keller, Bruce Kiger, C. F. Lofton, Cheryl Mackey, Kaye Moore, Katrina Nervkla, Vicki Ostrom, Beth Pipes, Jhn Rumsey, David Sauve, Donna Schulz, Mark Seaman, Rocks Senger, Katherine Taylor, Becky Turner.



American Society Of Civil Engineers

The student chapter of the American Society of Civil Engineers furthers the members' knowledge of the practice and ethics of the civil engineering profession.

ASCE sponsors a student engineering paper contest and accepts applications for several civil engineering scholarships available. These are awarded for the continuance of formal education through either under-graduate or post-graduate work.

Members: Nader Abuljebain, Wail Abuljebain, Dennis Adams, Roger Adams, Larry Allen, Lee Allison, Ben Arshadi, Mike Bailey, Ghazi Banjer, Robert Bell, Bill Boyd, Terry Brannon, Don Brock, Howard Bruce, Chris Burkett, Andy Carrol, Jim Chaney, Judy Chapman, Gus Chavarria, Eddie Cheatham, Dana Chrissey, Fred Evans, Carl Favre, Winnibald Fernandes, Larry Frassinelli, Ken

Gaddy, Robert Gergens, Fred Gibson, Tom Gorman, Darrell Gregg, Jy Hamm, Billy Joe Harrill, Gary Hartwell, Sajjad Hussain, Ronnie Haynes, Robert Henderson, Renan Inchauste, James Ingram, Weldon Jarratt, Lee Johnson, Tolli Katrycz, Ali Khan, Tommy Knox, Donna LaFon, Peter Larsen, Ronnie Lemons, John Levitt, Dave Linan, Alfred Manz, Mike McBay, Rod McCasland, Lee Miller, Bill Parrent, Dave Parrish, Frederick Reyes, Max Richardson, James Robertson, Dan Saldana, Augusto Sampedro, Tom Schimdt, Gary Schneider, Mike Shiflett, Harold Smith, Mike Stinehlfer, Ghaleb Sunna, Randy Tarbell, Joe Taylor, Bart Treece, Terry Turner, Tom Vogt, Jim Wang, Jim Williams, Dan Williamson, Hugh Wilson, Robert Wortham, Mahendra Yajnik, John York.



Pan Pipes

The Pan Pipes officially received word of acceptance into Sigma Alpha Iota, the professional music fraternity in March. Activities and projects undertaken were those required by the national office.

The Pan Pipes sponsored recitals both on campus and in the community and an Incorporation Founders Day Luncheon in December with province officers and members.

Upon receiving acceptance, the organization worked

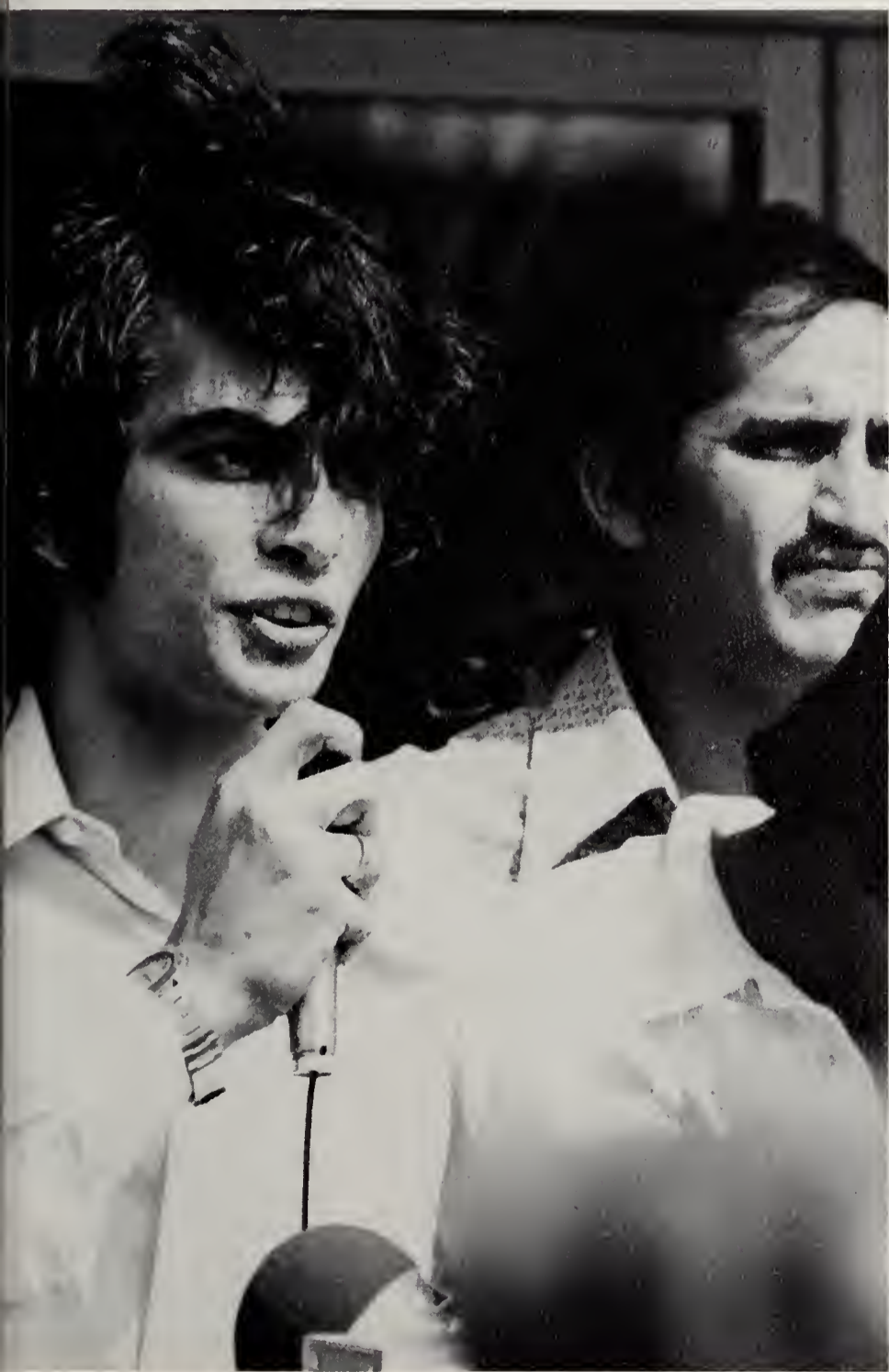
to further the interest of music on the university and community level and uphold the standards of musicians.

Members: Susan Ames, Becky Clark, Anita Blankenship, Jackie Haller, Janyse Johnson, Lu Ann Jones, Marjorie Kunkel (P), Gail Longorio, Margaret Malone, Jill Mathews, Donna McAleer, Susan Roth, Neva Smaltz, Melinda Speck (VP), Priscilla Stiles, Nancy Stokes, Donna Young.





Arab Student Organization



The Arab Student Organization was formed as a social and informational organization to coordinate social and cultural activities.

Lebanese journalist and special envoy of the Arab league, Clovees Maksoud, spoke to the Arab group in February on the factors of the Arab oil boycott. "The Arab states," he said, "are not asking for an alteration of American policy, but only its consistency."

Members: Kamal Abboud, Antone Abousaid, Kamal Abou Hadir, Khaled Abrash, Nader Abuljebain, Wail Abuljebain (VP), Hussein Abu-Saad, Ahmad Abu-Safieh, Gaby Akkawai, Hatem Akshar, Nizar Al-Ajami, Mousa Alaami, Burhan AlNasser, Khaled Al-Oqaili, Ayad Al-Shabbot, Khaled Al-Shayjy, Samir Ariss, Abdelaziz Ateih, Fawaz Awwa, Mansour Awwad, Habib Battah, Faysal Burhan, Yousef Chihab, Fathi Chreyh, Nashat Chreyh, George Debbagh, Bouameur El-Malki, Samir Farah (P), Elias Farah, Suhail Farah, Nasri Haddad, Mohamed Hamideh, Awwad Hassouneh, Damir Hourani, Tayseer Hourani, Zuhair Hujaij, Shirin Ismail, Nasir Jallad, Micheal Joubran, Ibraheem, Kadah, Kayes Kadri, Ayyoub Kakish, Nazih, Kattar, Kamal Kawar, Mohamed Kawasmi, Mansour Khalaf, Mosadda Khalaf, Ghassan Khory, Fayez Kobty, Hassan Maatouk, Souheil Maayeh, Bilal Nabhani, Youssef Nimeh, Saim Ramin, Yousef Saadi, Mohamed Sahyouni, Daher Shishacly, Zaher Shishacly, Daoud Tambouz, Imad Tirhi, Akram Zreik.



The Association of Mexican-American Students held numerous cultural and campus-related activities.

Members have researched Mexican-American literature and collected a bibliography for a permanent Chicano literature collection to be housed in the Minorities Cultural Center in the library. They also helped sponsor an annual scholarship benefit dance to collect funds for a permanent scholarship fund.

AMAS has sponsored Semana Chicana, a week-long event of Chicano cultural related activities and have conducted campus tours for local high school seniors. A rummage sale was held to collect funds for a Chicano Coalition Scholarship and a Christmas Toy Drive was sponsored by the Chicano Coalition of University Students in December.

Social activities included parties in which Mexican-American organizations from local universities and colleges were invited to attend.

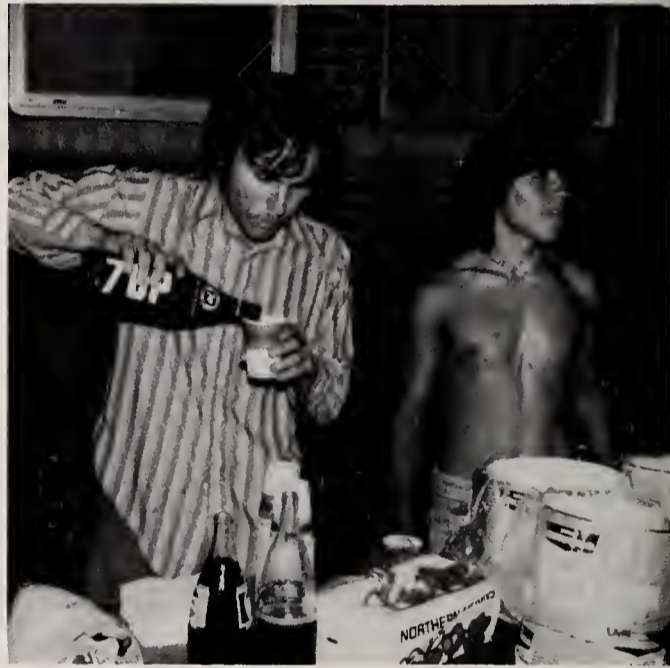
Members are kept up to date on these goings-on through the "El Alacran", a newspaper put out by AMAS.

Members: Paul Alvarez, Becky Arguijo, Mary Arredondo, Yolanda Ayala, Robert Calderon, Lee Castanon, Lorenzo Castillo, Raymond Castillo, Carlos Cortes, Joel Cruz, Dilma Davila, Flores Decidario, Norma Esparza, Rachel Franco, Eddie Gallegos, Gilbert Galvan, Norman Garza, Jose Gavito, Delia Gonzalez, Laura Gon-

AMAS

zalez, Robert Gonzales, Joseph Granado, Johnnie Grez, Diane Guerrero, Frank Ibarra, Gilbert Ibarra, Michael Landin, Antonio Medrano, Narda Morossini, Mamie Ortega, Mary Peña, Lica Reyes, Nellie Roblez, Rosalinda Rodela, Dina Rodriguez, Manuel Rodriguez, Frank Rodriguez, Eddie Rojas, JoAnn Salazar, Richard Sanchez, Joe Saucedo, Johnny Silva, Abel Soto, Al Soto, Amado Soto (P), Cecilia Soto, Arthur Torres, Margie Trevib, Manuel Valdez, Julia Verver, Francis Villalobos, Joe Ynostrosa, Loida Ynostrosa.

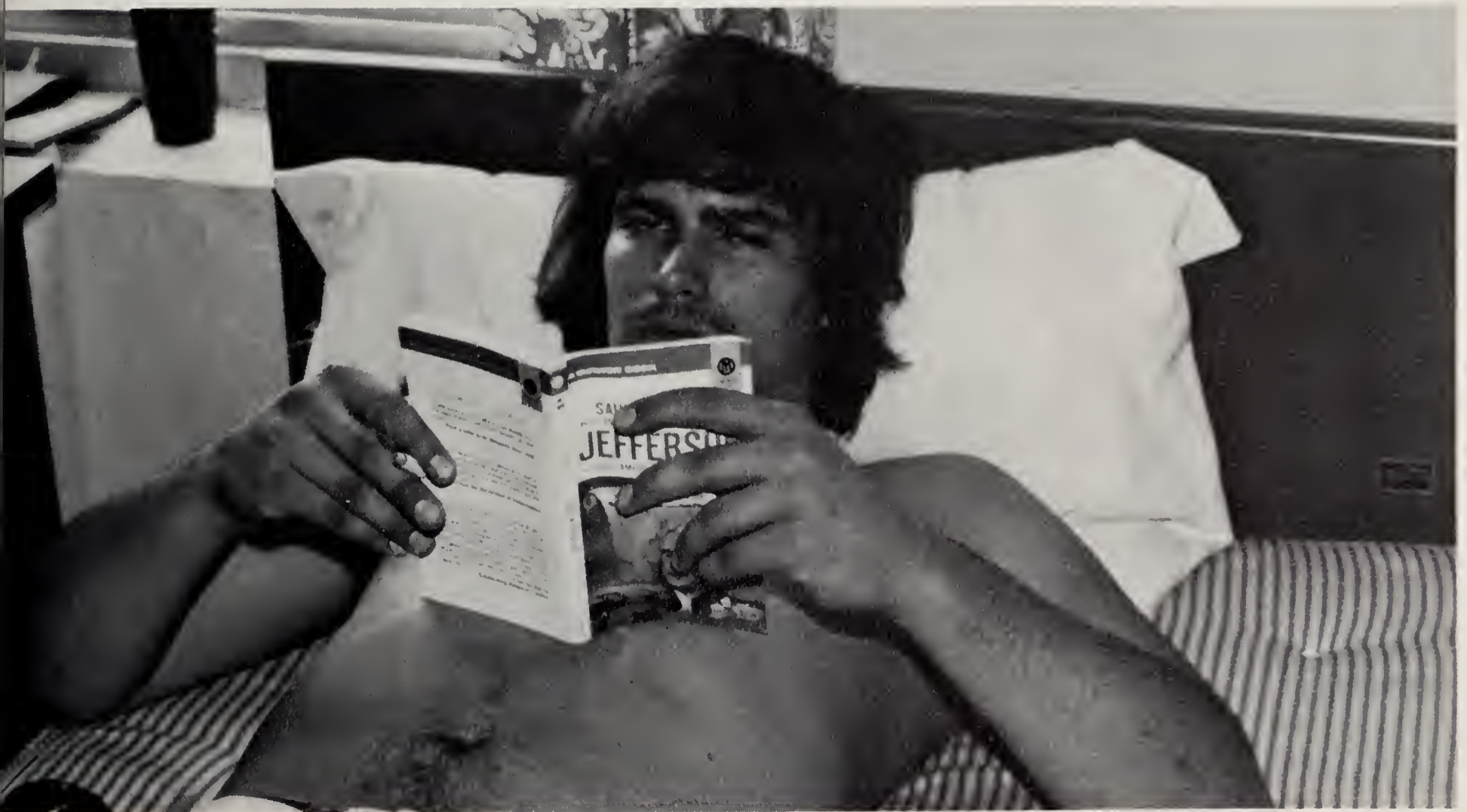




Residence Hall Action Council

Originally the Inter-Dorm Council, RHAC has taken on a looser type of organization with few actual restrictions. The meetings were very informal and open to all dorm residents. A free atmosphere fostered much give and take among members. "Action" was the key word for the '73-'74 RHAC year. Purposes were to unite the dorms into a single community-acting group.

Activities throughout the year included coffee houses, campouts for all dorm residents, a Halloween dance and ping-pong and spades tournaments. The council also rented refrigerators and painting equipment.



Student Congress

Student Congress initiated several new programs for the 73-74 year in addition to their continuing services.

Newly initiated services include the apartment survey, night student organization, legal aid and the freshman overnight orientation.

The S. C. has begun publication of a booklet containing statistics of Arlington apartments as they relate to UTA students. They have accumulated information on price, room sizes, and applicable restrictions.

The Night Student Organization was started for and by night students to assist them and act as a forum and spokesman for night students.

Legal aid was organized to give assistance to students and help them meet and face possible legal or quasi-legal situations.

The freshman overnight orientation is a program to further the orientation of new students to the campus.

Continuing services include the Instructor Course Analysis, discount program, book referral service and a special committee to ascertain general university policies concerning university rent properties.

Members: Kirby Bradford, Gary Burgess, Kathleen Carefoot, Bob Clark, Janice Culpepper, Ken Curry (P) Bill Eden, Drew Etter, Suheil Farah, Steve Herring, Barry Hudson, Tony Kendall, Tom King, Craig Mackey, Debbie Morse, Safaraz Nazir, Ignacio Nunez, John Ogletree (VP), Shauna Payne, James Plog, Charmaine Smith, Eric Stengle, Poncho Sutherland, Royce West.





FAR LEFT: Representative Tony Kendall speaks out in favor of beer on campus. LEFT: Student Congress president Ken Curry. ABOVE: Student Congress vice-president Steve Willey resigned before his term expired for personal reasons.



College Of Business Student Government

The College of Business Student Government was designed to work with the faculty and student administration in an effort to meet the needs of business students.

Its purpose is tri-fold: to receive information as to the needs and desires of students, to communicate business school policies to students and to provide a basis on which to build activities for students.

The College has conducted seminars in the how-to's of job hunting, sought direct communication for teachers and students, and has assisted night students in their need for more night courses.

It is the official branch through which the business student can voice complaints and needs.



Constituent Council, College of Science

. . . The student government of the College of Science . . . established to provide an intermediary body of people to function between the student body and faculty of the College of Science . . . a bridge crossing the gap separating the individual student and the administration . . . to provide students with a clear certain method for bringing their views on matters which affect them to the attention of the university's administration . . . a median organization through which both the students and the faculty can work . . . members who wish to become more involved in the workings of their college and in their field of interest . . . active people not afraid to work through channels or to set precedents . . . composed of four members from each of the five science branches—biology, math, geology, chemistry and physics . . . Dr. Meacham—the new acting Dean of Science . . . Dr. McMahon—most active advisor this year . . . giving tours of the science facilities . . . slide shows . . . public relations . . . trying to make the students more aware of the council's function . . . open meetings . . . elections . . . inviting science speakers to campus . . . supporting and publicizing seminars . . . representing the varied, multi-faceted field of science . . . setting up displays . . . coordinating and providing the work force for Science Open House activities . . . naming an outstanding Science Teacher of the Year from student nominations . . . banquet and tours for Science Fair winners . . . passing resolutions for bringing problems to the attention of the administration.

Members: Jim Aldridge, Therese Allen (P), Charles Beeman, David Bell, Gary Burgess, Maurice Champlin, Becky Dodge, Wayne Hathaway, Howard Howell, Mark Kallus, Paul Keller, Bob Leone, Bob Lumpkins (VP), Becky McCluney, Steve Nelson, Howard Saxion, Rocks Senger, Kitty Taylor, Richard Tibbits, Paul Wallace.

Alpha Phi Omega

Alpha Phi Omega is a national organization recognized for its service to the campus and the community. The fraternity is in charge of the Lost and Found office, student elections, Beauty and Beast contest.

Activities also included "The Boy's Club campout" and the acceptance of the math tutor project.

Members: Brian Allen, Steve Anders (spr 2 VP), Tom Beets, Steve Blair (spr P), R. D. Brown, Lowell Brumley, Refugio Cervantes, Ron Craig, Mike Daniel, Art De La Rosa (fall P), Carlos De La Rosa, Paul Dewhitt (fall 1 VP), David Evans, Mike Fitzgerald, Andy Glenn, Chuck Gollihar, Mike Hayenga, Mike Hamideh, Weldon Hampton, Randy Hill, James Horner, Donny Huber, Paul Hunnicutt, Daniel Ivery, Chuck Johnson, Jim Jones, Randy Jones, Mike Kerr, Frank King, Tom Langley, Brian Leck, Dave Leck (fall 2 VP), Clyde Littlefield, Steve Moran, Ralph Nichols, Steve Noble, Manuel Palavicini, John Pieters, Danny Pinckley, Dennis Post oak, Billy Richards, Kevin Rielly, Tony Santamaria, Pierce Smale, Howard Smith, Mark Snyder, Doug Stiles, Warren Thomas, Ken White, John Winters (spr 1 VP), Horace Yow, Nick Zarafonetis.





Alpha Phi Omega



Gamma Sigma Sigma





Sigma Omega Chi, the campus service sorority, is now Delta Psi chapter of the national service sorority Gamma Sigma Sigma.

Our biggest fall project was a joint blood-drive with Alpha Phi Omega, October 15-19. Mayor Tom Vandergriff donated the first pint of blood. Our goal was 500 pints, and 411 pints were given.

We also had a fashion show November 4 for St. Michael's home for girls. The Gamma Sigs modeled their own clothes, and tried to give a good representation of how college girls dress.

This semester, Gamma Sigma Sigma has tried to be involved more in the community. We "adopted" an old-folks home where we have parties and special programs from time to time for them. Individual girls have been involved in tutoring programs at Roark and Kooker Elementary schools.

Along with Alpha Phi Omega, we took children from Buckner's Orphanage to Fair Park in Dallas and spent the day taking the kids through the museums, after which we had a picnic lunch.

These have been some of our bigger and more unusual projects. The main thing is that we stress service to campus, community and nation.

Members: Janet Barbee, Terry Call, Katie Chalfont, Sher Chandley, Linda Clark, Jusy Collins, Carolyn Connor, Marcy Cooper, Pam Dumesnil, Lynn Fischbein, Lynn Fischler (2 VP), Brenda Fisher, Carolyn Fuller, Connie Gostas, Paula Henry, Becky James, Lynn Johnson, Glenda Keene, Ruth Lea, Cherry Lynch, Jeanie Lynch, Nikki Massey, Nancy Miller, Helen McDonald, LaVerne McGowen (P), Sharon Nelson, Gay Nevsch, Denise Ortega, Denise Osgan, Ann Pannell, Pam Patin, Angela Pearson, Kimberly Purdy, Susie Reed, Elaine Reynolds, Janet Rummel, Rosie Salas, Marlene Schiller, Pat Skaggs, Dana Smith, Susie Sonlieth, Janet Stalder, Linda Stallard, Linda Stark, Mary Stearle (1 VP), Susan Sweeney, Cathy Warren, Claudia Wilson, Katy Young.

Pledges: Bobbie Corbner, Pam Draughn, Kay Harlan, Avis O'Reilly, Janet Schoppe, Delores Stark, Teresa Turner, Lisa Wirthy.

SAB

If you like to meet new people and get involved in campus life, that's our business. Student Activities is students working for students. Seven councils planning and directing events, working hard together, and having fun

are all part of Student Activities. The board consists of council chairmen and three executives who correlate events for the school year. Students also make up councils to plan and publicize events.

Officers: Bob Leone (fall VP), Gina Lane (spr VP), Le Norman Strong (P).



Entertainment

Entertainment plans and executes the fun events as simple as a coffee house or as complex as a rock concert. The off-campus Homecoming Dance, Harry Chapin concert, and Casino night were highlights of the entertainment year.

Members: David Ackerman, Kay Atteberry, Diana Baker, Greg Brown, Debbie Bryan, Tommy Burton, Chris Busch, Betty Crabb, Patti Crisp, Delbert Dowdy (chairperson), Tom Dressier, Vicky Esson, Suhail Farah, Maurice Ferrell, Tom Ferrell, Richard Goen, Sharon Harper, Denise Howard, Aris Johnson, Carolyn Joshlin, Mark Kallus, Steve Lawson, Larry Layton, Sharon Lewis, Gerald McCarley, Jeanette McKenzie, Sue Miller, Angela Pearson, Peggy Pearson, Kenneth Phillips, Mike Poor, Jeanne Reardon, Susie Reed, Rosie Salas, Janet Schoppe, Dana Smigh, Janet Stalder, Dana St. John, Kathryn Thompson, Linda Thompson, Mark Walker, Donna Wells.





Publicity

Publicity, as the mouthpiece of Student Activities, keeps the student community informed about campus events. Balloons were used in promoting the theme "Lift in Spirits" of Homecoming '73. Displays in the lobby and the installment of an electric slide console in the SUB represent the creative publicizing of the council.

Members: Sally Barnes, Alison Cain, David Dale, Sheila Dickson, Linda Ecoff, Marilyn Henry, Denise Jasper, Charlotte McCoy, Ken McCoy, Sarfaraz Nazir, Mallie Vinyard, Steve Wagner (chairperson).

Arts & Films

Arts and Films strives to provide students with the best in available motion picture entertainment together with programming in the fine arts.

More popular attractions included "The Last Picture Show," "Cabaret," "What's Up Doc?," and the multimedia concert "Synthesia."

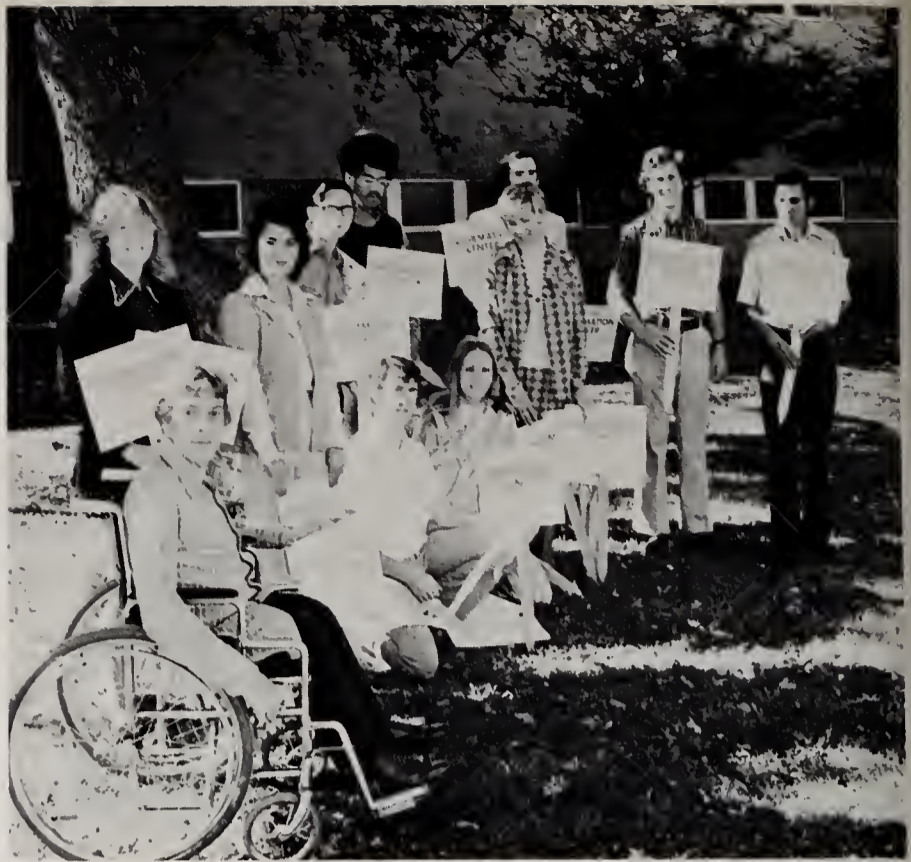
Members: David Ackerman, Dan Allen, William Benford, Ron Brocks (chairperson), Ray Clark, Betty Crabb, Doug Dollar, Maurice Ferrell, Norman Garsa, Richard Goen, Danny Haney, Andee Hoyt, Paul King, Jack Lavender, John LeSassier, Marlyn McKown, Jonnie Nash, Don Porter, Mary Shocklee, Larry Sloan, Tom Van Reyn, Debbie Waters, Candy Weitel, Mark Wier, William Wilcott, Claudia Wilson.



PR

Public Relations helps to increase involvement between Student Activities and other campus organization and individual students. Five-cent ice cream, cokes, and popcorn were sold during Nickel Days. As part of UTA Time, the council provided an information booth and campus tours.

Members: David Brown, Bobbie Cortner, Linda Ecoff, Kevin Grieder, David Hanna, Whatley Horton, Sarfaraz Nazir, Bruce Singleton, Teresa Tuggle (spr chairperson). Justina Walls (fall chairperson).



Forums

Forums challenges the minds of students by bringing personalities to the campus in order to present issues of particular concern to students. The more interesting

guest speakers this year were famed sex researchers Masters and Johnson and Pulitzer Prize winner Jack Anderson.

Members: Mark Clark, Kacey Golden, David Hanna, Steve Herring, Whatley Horton, Scott Keeth (chairperson), Gerald Pruitt, Debbie Savage, Bernice Strong, Mary Stearle, Teresa Tuggle, Bob Wilcott.

Fashion Etc. offered current information on basic grooming and fashion and expanded its interests to include arts and crafts. Neiman-Marcus experts gave instructions on fashion trends at a workshop. Also presented was the November Ski Fashion Show and other events.

Members: Joyce Adams, Carol Baker, Pam Baker, Bari Bay, Rhonnie Beatty, Sharon Brown, Rita Bryant, Kathleen Carefoot, Carolyn Connor, Anee Dafcik, Bar-

Fashion Etc.

bara Gilmore, Booker Graves, Kathey Hale, Delores Hayes, Diane Mertz, Jacelyn Moutrie, Lynn Robbins, Marlene Schiller, Teresa Starkey, Cheri Stearns, Mary Alice Stork (spr chairperson), Ellen Timberlake, Ellen Vishnesky, Linda Westbrook (fall chairperson), Kimberlee Wilson, Phyllis Woods.



Community Service Involvement works toward positive social change in the community by undertaking service projects which will benefit both students and the community. The Dirty Picture Contest, exposing ecological misuse in this area and the Foreign Student Reception, both during the Fall, reflect the council's enthusiasm.

CSI

Members: Jean Adeler, Eric Arvecon, Dot Belser (spr chairperson), Mike Berryman, Suhail Farah, Gina Lane (fall chairperson) Kiki Osborne, Mary Medina, Mike Reed, Mary Strait, William Zarr.



Circle K

Circle K is a service organization through which college men can find a means of responsible student action in their communities and a more active involvement in the life of their campus. Our concerns result in very direct personal service. We are involved in nuts and bolts activities that help people and serve the campus and community as clubs perceive needs they can effectively meet.

Circle K is a practical laboratory for the development of personal leadership skills and the growth of personal initiative in analyzing the needs of our environment and attempting to find solutions for them.

Circle K is a means of forming friendships, working in a common cause with other students, and simply having fun. Social functions are important for a well rounded club. Parties and other purely social club events are recommended, and the weekly club meetings are designed to be educational and interesting.

Our motto is "WE BUILD," and in practice that

means genuinely constructive involvement in the community and on campus.

Circle K has activities that work with disadvantaged youths involving tutoring, personal counseling, and a variety of group activities.

We also work with delinquent boys, both those on probation and those in correctional institutions, and aid other institutionalized persons, including orphans, mentally retarded children, and the physically handicapped. In the past, we have promoted blood drives and fund raising activities for national charities, medical and research organizations and foundations.

Campus service programs include ushering, book exchanges, helping with orientation and registration, organizing dances and parties and campus beautification.

Members: Akbar Afshar, Dennis Barnes, Becky Gantt, Mark Lanier, Cathy Schmidt, Carl Twilley, Cathie VanSweden.





Lipscomb Dorm Council

Lipscomb Dorm Council was created to serve the residents of the Lipscomb Dorm and to act as a liaison group with the men's dorms. We have been effective in initiating activities and policy changes for Lipscomb.

Through our actions, longer visitation hours are now permitted. We have also succeeded in obtaining a Coke machine, a coffee machine and absolving a rule which

required persons to have an ID to sign into the dorm.

Activities included a hotdog roast, tree decorating party, door decorating contest and one all-night bash.

Members: Charlene Ayers, Debbie Buckner, Kelley Carson, Wanda Cullins, Carol Major (VP), Kiki Osborne, Leanne Ray, Jeanne Reardon, Jeanie Santoni (P), Jane Tanner, Theresa Tuggle.

Pachl Dorm Council

Pachl Dorm Council works to coordinate activities and acts as a sounding board for complaints and suggestions.

Members of the Council planned a spirit drive and competition with a bonfire for Homecoming, and secured new game tables for their lobby. They also had dances and parties and a hot dog supper for residents.



Trinity Dorm Council



The Trinity Dorm Council serves as a democratic bridge between residents and the administration. It administers student government and coordinates activities, socials and improvements for the dorm.

Members: Les Albin, Richard Goen, Ken Howard, Rick Martin, Don McBeath (P), Paul Meyer, George Monaghan, Walter Ragsdale (2 VP), Jeanie Santoni (1 VP), Paul Van Alstyne.



Insurgent Team

The Insurgent Team was formed in 1964 to study small, infantry type unit leadership. It consists of both classroom instruction and limited practical application of fundamental insurgency and counter insurgency on weekend field training exercises.

Members: Larry Anika, Norm Anika, Sam Bagley, John Beall, Dennis Berardi, Carman Chairez, Dwight Epler, Bruce Ferguson, James Gooch, Bob Helleman, Rene Junco, Jim Kepler, Mike Kepler, Gary McFadden (team cmdr), Al Morris, James Murphy, Mike Pettit, John Pieters, Cpt. Henly Reed (sponsor), Butch Reynolds, SFC Donald Simon (sponsor), Lloyd Thurnau, Dennis Wood.

Members: Ken Allen, Dennis Berardi, Joe Buchanan, SGM Roy Burdette (sponsor), David Colvard, Doug Hindman, Mark Latham, Tim Lovelace, Alan Mansfield, Bob Marrinan, William Milford, David Morgenthacer, Mike Pettit, James Rutledge, Steve Weinert, Guy White.

NCO Club



The Pistol Team, a varsity sport, participated in a match conducted at the University of Texas at Austin where the competition was keen and the team placed third.

The team also hosted an NRA sectional match at the UTA range, which attracted teams from Texas and Oklahoma. Annual trips to Tulane University and to the Air Force Academy were unfortunately cancelled due to the energy crisis.

Members: Sam Bagley (team captain), Richard Cepeda, Richard Edwards, Ali Hejri, Maj. Grady Jones (sponsor), Claude Leibensberger, SSG Tommy Pittman (coach), Craig Sissel, Steve Weinert.

Pistol Team



The Sam Houston Rifles, nicknamed the Jodies, is the Military Drill Team of the campus.

During the school year, the Jodies performed at the Tyler Rose Parade, the UTA Homecoming football game and the Washington's Birthday Parade in Laredo.

They competed at the Washington's Birthday Drill competition and at the Trinity University Drill competition. The team also graded high school drill competitions in Odessa, Laredo, Arlington and Galveston.

Members: J. Alvarez, B. Robinson, S. Britton, SGM Roy Burdette (sponsor), R. Castillo, D. Colvard, G. Colvard, J. Delgado, M. Latham, S. Lowe, Mike Morrow (team commander), T. Schneider, K. Smith, S. Thompson, Cpt. Larry Trimble (sponsor), E. White, J. Wilbanks.

Sam Houston Rifles



Rifle Team

The Rifle Team is one of the campus' oldest competing varsity teams. In its history, it has been among the top five teams in the nation.

The team annually hosts two rifle invitational matches which are among the largest matches in the state.

During the school year, the team won two first place trophies and three third place awards in competition.

Members: Cpt. Homer Baxley (sponsor), Jerry Boydston, Joe Buchanan, David Couch, Allen Cunniff, Ed Fuller, Marshal Johnson, Gaylon King (team captain), Tim Lovelace, SSG John Morrow (coach), Mike Rutledge.





Corp Sweethearts

Cadet corp sweethearts are the official hostesses of the corps. They are elected by corps members and the individual organizations and are responsible for arranging social activities for the cadets. They also provide moral support during leadership laboratory classes. Yes, they accompany the teams in field trips and war games.

Members: Becky Betts (Corps Sweetheart), Laura Dameron (Sam Houston Rifles), Bonnie Evans (Rifle Team), Lydia Hughes (NCO Club), Julie Munford (Insurgent Team), Susan Smith (Pistol Team).



Playsm



"Poor Julius! So many writers and so few readers! It's a fact. People read less and less nowadays . . . to judge by myself, as they say. It'll end by some catastrophe—some stupendous catastrophe, reeking with horror. Printing will be chucked overboard altogether; and it'll be a miracle if the best doesn't sink to the bottom with the worst."

—from Andre Gide's
Lafcadio's Adventures

Men esteem truth remote, in the outskirts of the system, behind the farthest star, before Adam and after last man. In eternity there is indeed something true and sublime. But all these times and places and occasions are now and here. God himself culminates in the present moment, and will never be more divine in the lapse of all the ages. And we are unable to apprehend at all what is sublime and noble only by the perpetual instilling and drenching of the reality that surrounds us. The universe constantly and obediently answers to our conceptions; whether we travel fast or slow, the track is laid for us. Let us spend our lives in conceiving them.

The poet or the artist never yet had so fair and noble a design but some of his posterity at least could accomplish it.

H.D. Thoreau
Reflections at Walden



Reveille '74

Amidst controversy over philosophy and finances, *Reveille '74* was spawned in rough seas.

Yearbooks at universities across the country are experiencing considerable problems in gaining student interest and support. In an effort to appear more relevant and contemporary, many publications staffs have gone to wild format and design changes (i.e., *Reveille* circa '72). The effort has failed to realize its desired objectives and in many instances has even proved counterproductive, speeding the campus yearbook toward an earlier demise.

Lively, contemporary text and photography is what today's collegian desires. *Reveille '74* represents this staff's effort toward realizing that goal.

The editor and staff of this year's book have tremendously enjoyed the opportunity to gain empathetic insight into the many facets of our campus community. No doubt we have been burned a few times, but the experience was well worth the flames.

Staff: Jim Aldridge (Editor), John Briggs, Barbara Burke (Editorial Asst), Donna Christiansen (Darkroom), Laverne Cross, Robert Dowd (Photographer), Bill Jansch (Asst Editor), Connie Jones (Darkroom Asst), Carrie Morgan (Editorial Asst), Rose Patterson (Office), Thaxson Patterson (Photographer), Carroll Taylor (Editorial Asst), Lowell Templin (Photographer), Gary Tucker (Photographer).

Special thanks to Dorothy Estes (Student Publications Director), Gary Cochran (Photographer ex-officio), Sean Early (Artist), John Dycus (Administration copy, Copyreading), James Russell and Charles Davis (*Shorthorn* photographers) and Bob Dillard (Sports copy) for their help in the production of this year's *Reveille*.

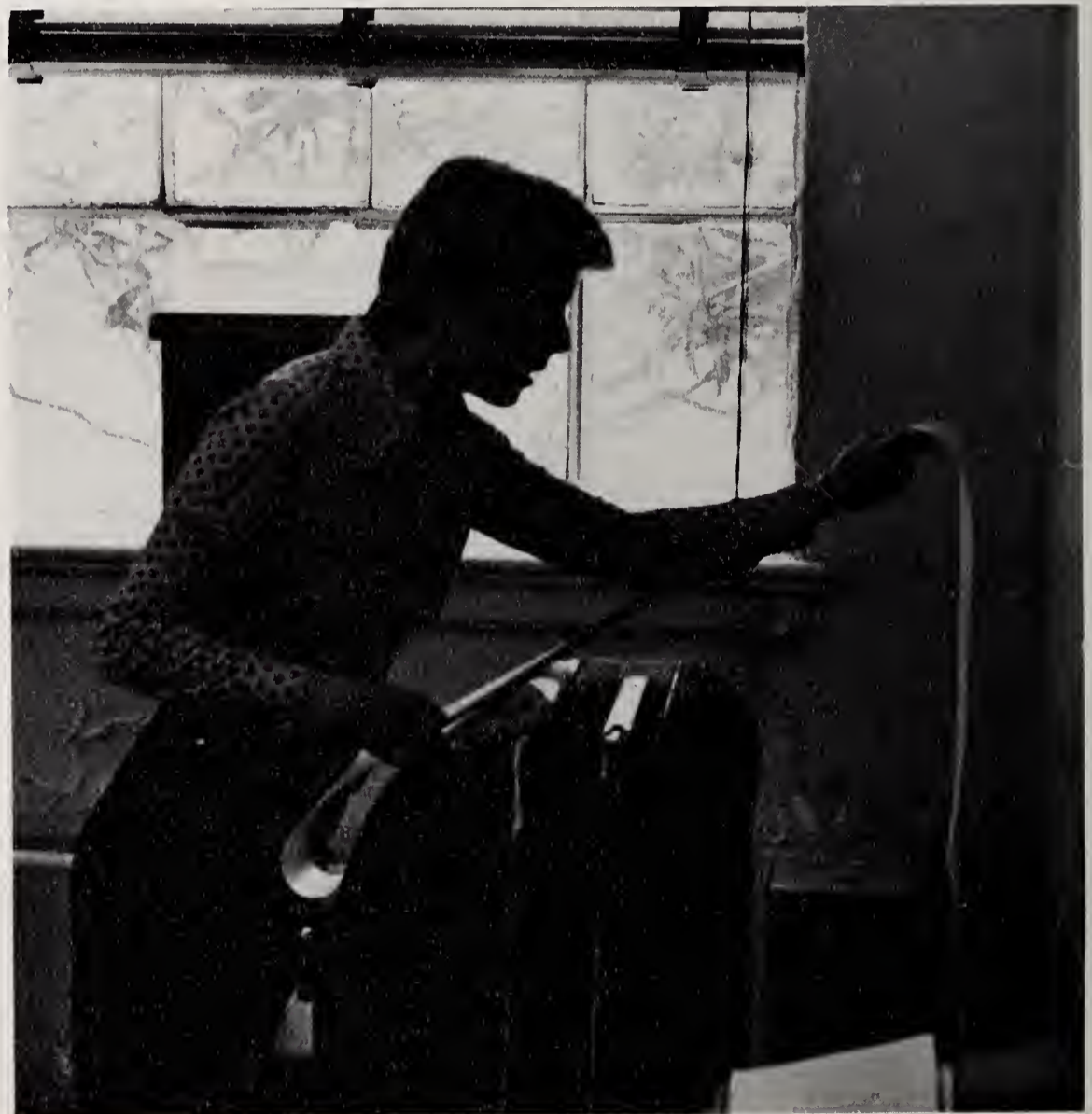
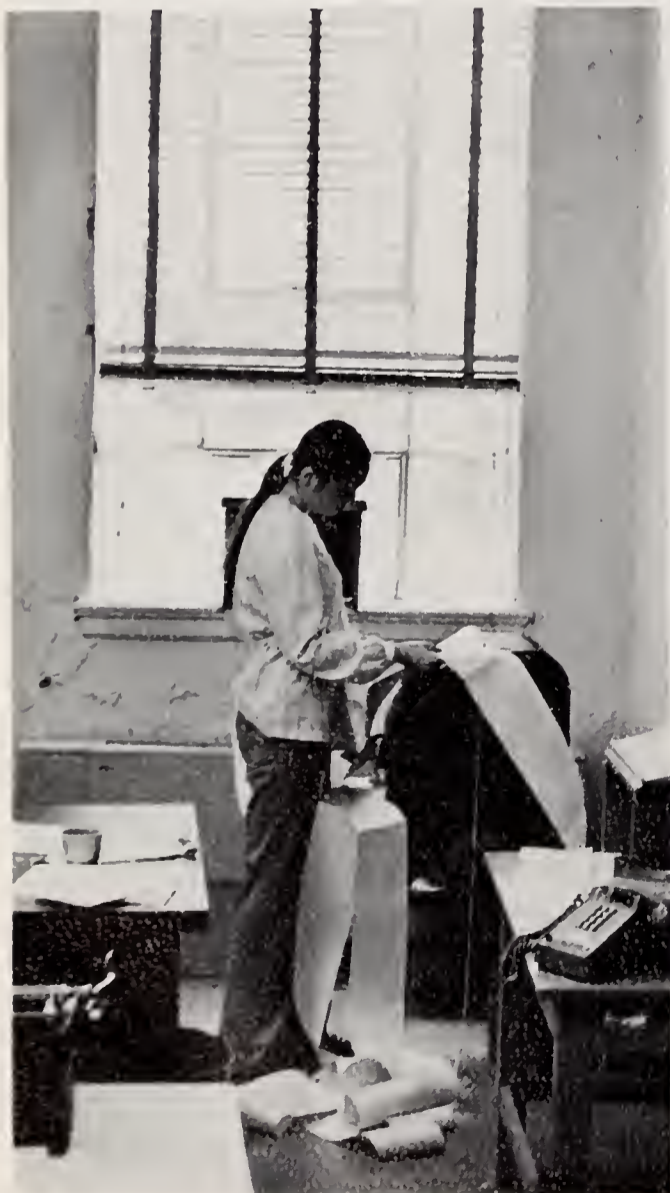


Shorthorn

The *Shorthorn*, published twice weekly during the regular academic year, was the official newspaper of the university.

The Texas Managing Editors Association awarded the paper first place in general state competition.

Staff: Claudia Perkins (spring Editor), Debbie Eppler (Managing Editor), Bob Dillard (Sports Ed), Melissa Hall (Entertainment Ed), Merwyn Alexander (Writer), Laura Allen (Fall Editor), Lee Dunkelberg (Writer), Don Harrison (Writer), Kathy Kennedy (Writer), Mindi Ledbetter (Writer, summer Editor), Walter Stallings (Writer), Tom Setzer (Writer), Christy Wicker (Writer), Bruce Singleton (Ed Asst), Sean Early (Artist), Cliff Brown (Photographer), Charles Davis (Photographer), Steve Fortner (Photographer), Reggie Harrell (Photographer), James Russell (Photographer), Dennis Sholl (Ad Manager), Joe Alexander (Ad), R.D. Brown (Ad), Ed Hightower (Ad), Billy White (Circulation), JoAnn Daughetee (Business Manager), John Dycus (Adviser), Roy Hamric (Advisor), Greg Jones (Advisor), Dorothy Estes (Student Publications Director).



Society of Professional Journalists, Sigma Delta Chi

The UTA chapter of the Society of Professional Journalists, Sigma Delta Chi was granted a charter in November, only seven months after a journalism option was officially added to the existing communications degree here. Its 33 members are pledged to pursue the study of journalism, and the organization aims to assist them "in acquiring the noblest principles of journalism by fostering a higher ethical code."

Members this semester spoke to various high school groups to encourage their interest in journalism and began a scholarship to be awarded each year to an outstanding high school senior journalism student. Among

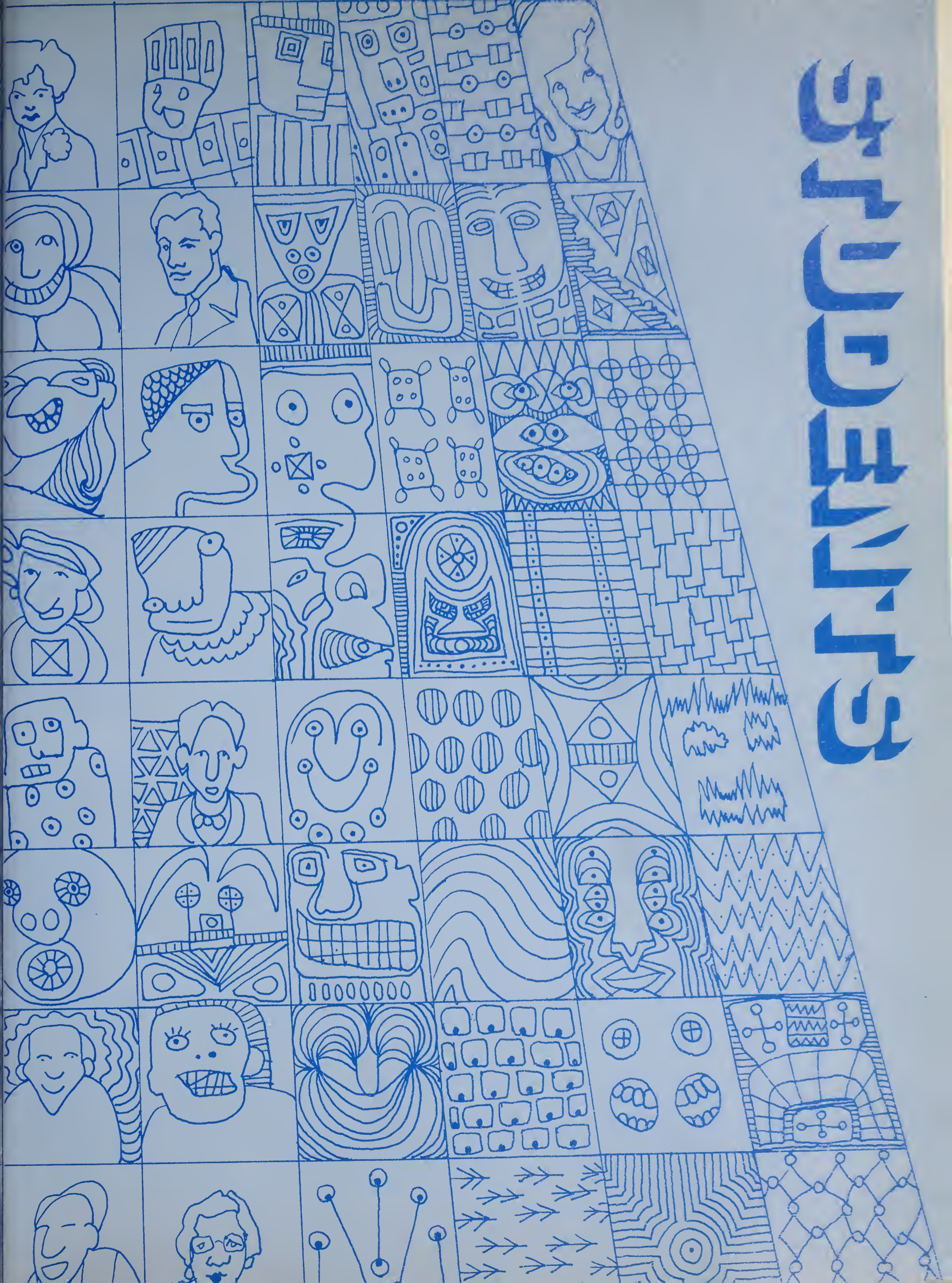
other activities, the group hosted five NBC correspondents and atheist Madalyn Murray O'Hain.

Members: Joe Mark Alexander, Merwyn Alexander, James Aldridge (VP), Laura Allen (P), Dale Bergeron, Barbara Burke, Francesca Cosentino, Lavern Cross, Sara Darden, Robert Dillard, Richard Donley, Stephen Dunkelberg, Debra Eppler, Melissa Hall, Don Harrison, William Janscha, Kathryn Kennedy, James Lowe, Melinda Ledbetter, Marsali MacIver, James Mercer, Bill McAda, Claudia Perkins, Kathleen Pill, James Powell, Daniel Schimek, Thomas Setzer, Bruce Singleton, Ray Stafford, Walter Stallings, Howard Waldrop, Darnell Wicker.





素描头像



Undergraduates

Abel, Kenneth
 Achina, Clifford
 Adamcik, Robert
 Adams, Karen Sue
 Adamson, Luonn Kay
 Aford, Simeon



Ainsworth, Michael
 Akimoto, Lisa
 Akinlade, Groyega
 Albritton, Chris
 Allen, Brad
 Allen, Kenneth



Allred, Betty
 Ammerman, Jami
 Ammons, James
 Anderson, Rilla
 Anika, Larry
 Ansley, Stephanie



Anthony, Susie
 Anyanwu, Nnadede
 Arredondo, Marie
 Arthur James
 Ash, James
 Ashenhart, Billy



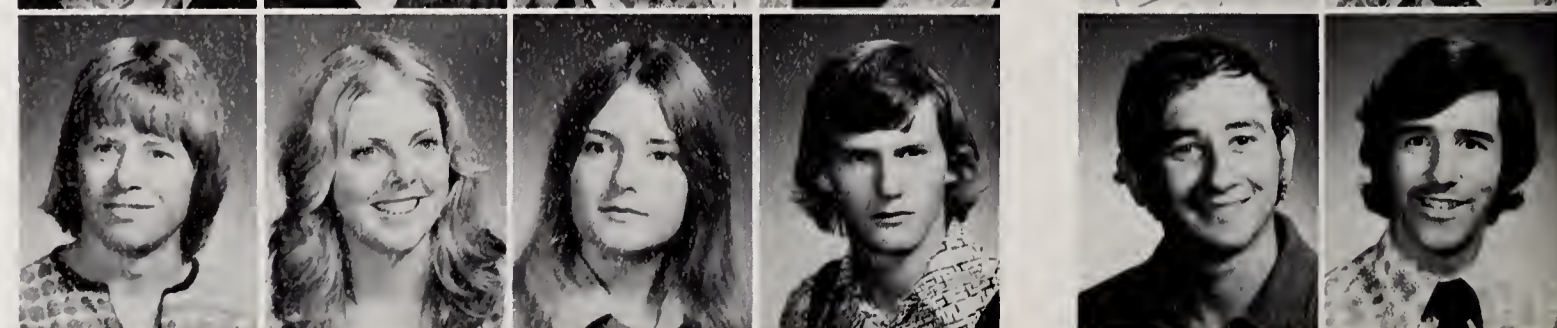
Atwell, Stephen
 Bodgett, Patti
 Baker, Richard
 Ballenger, John
 Barbee, Janet
 Barger, John



Barham, Bobby
 Barker, Randy
 Barker, Steve
 Barksdale, Gary
 Barnard, David
 Barnes, Dennis



Barnes, John
 Barnett, Joyce
 Barnfield, Rose
 Bascom, Rager
 Baskin, George
 Baskin, Wendell





Bass, Randy
 Bates, Barbara
 Bates, Donna
 Baxter, Terry
 Beall, John
 Beegs, Tom

Belcheff, George
 Bell, Allen
 Bell, David
 Bell, Margaret Ann
 Benavides, John
 Bennett, Carl



Anxiety, relief and disbelief befell students during final exams.

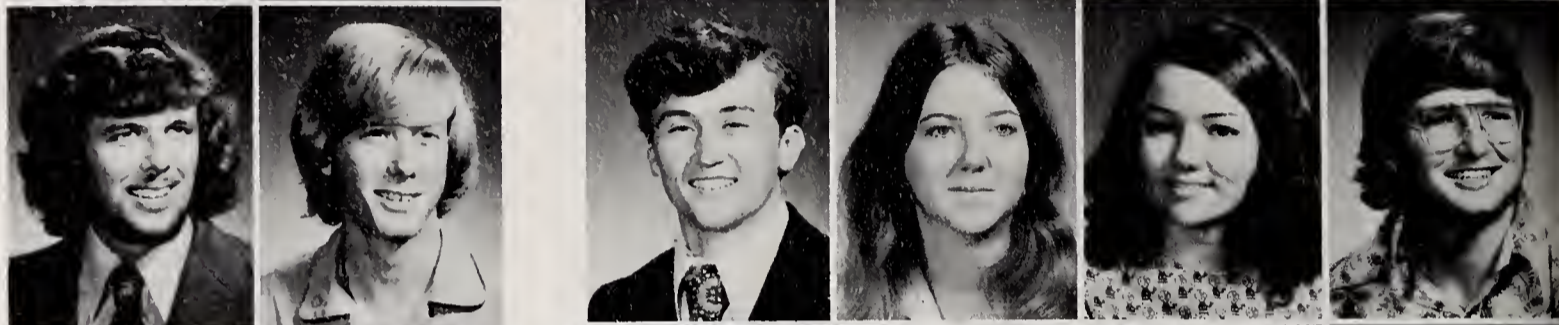
Berardi, Dennis
 Berardi, Roger
 Berry, Mary
 Betstill, Billy
 Bibb, Secky
 Bice, Cindy



Bilhartz, Teresa
 Birdsong, Sherrí Lynn
 Blackmon, Craig
 Blum, Karen
 Bohles, Juan
 Boles, Diane



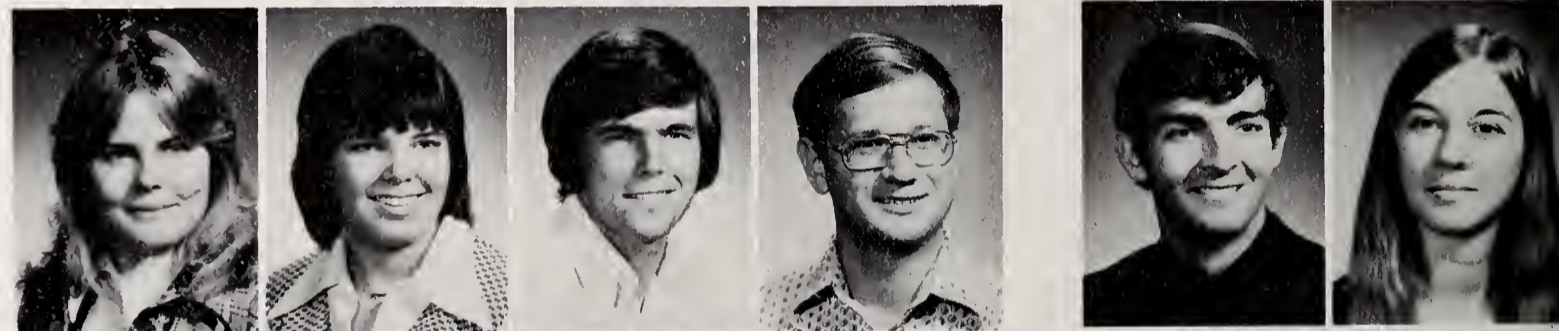
Bond, Mark
 Bost, Stephen
 Bothe, Larry
 Bowman, Nancy
 Boyd, Pamela Ann
 Boydston, Jerry



Bozzetti, Jeanne
 Bradford, Kirby
 Brogg, Jack
 Brewer, Keith
 Bridges, Cynthia
 Briggs, John



Briggs, Lezlie
 Bristoll, Joyce
 Britt, Donald
 Brock, Don
 Brumley, Lowell
 Bronson, Sherri



Brown, David
 Brown, Jim
 Brown, R.D.
 Brown, Robert
 Brown, Sharon
 Brucks, Rolond Arthur

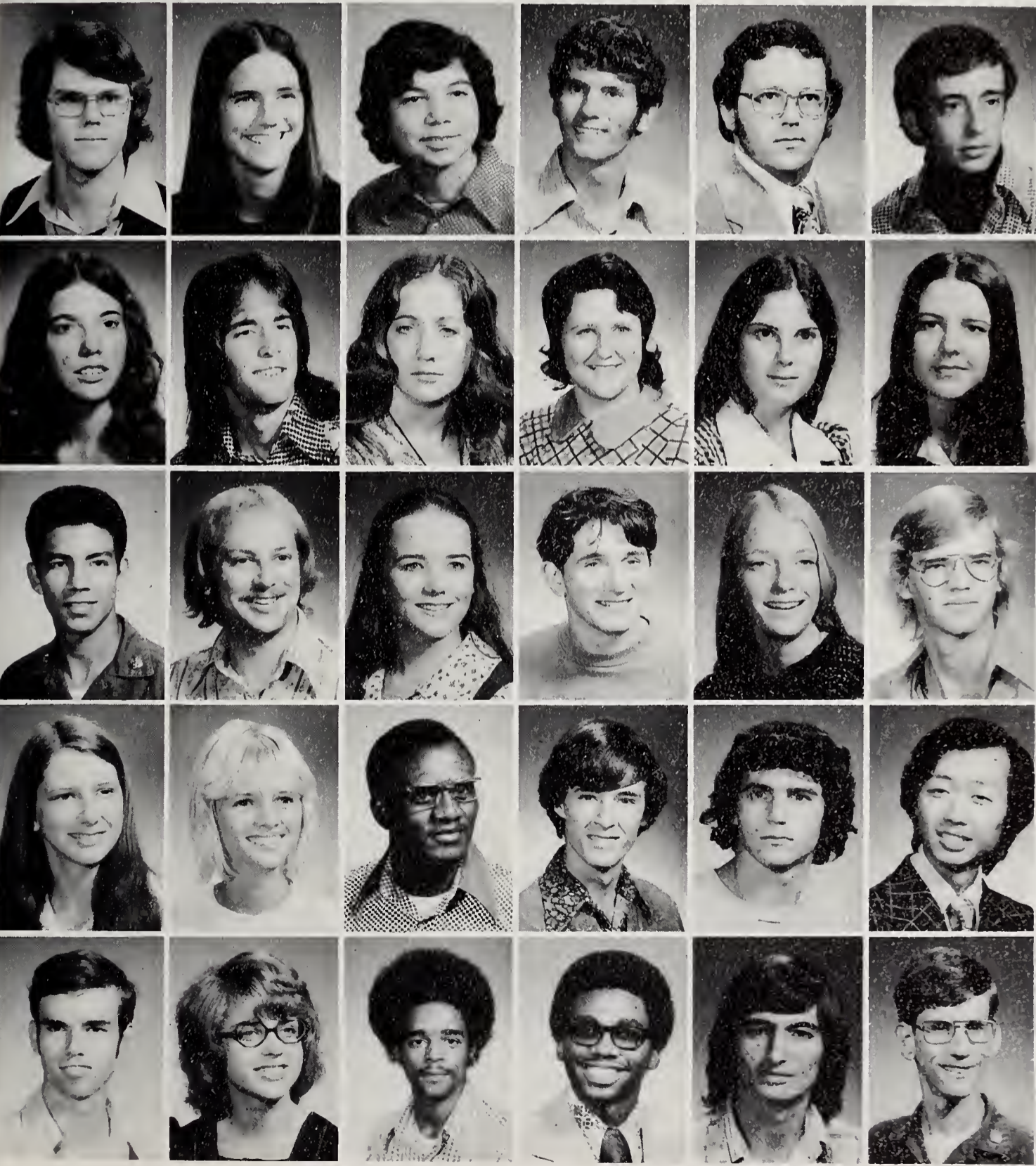


Bryant, Rito
 Bryce, Jayne
 Bullord, Donna
 Burchell, William
 Burk, Tol
 Burks, James





After sunset, the campus assumes a different personality than its daytime counterpart.



Burton, Thomas
 Buss, Julie
 Bustas, Pablo
 Cain, Steve
 Calhoon, Jerry
 Calhaun, Thomas

Call, Teri
 Cameron, Kevin
 Campbell, Linda
 Campbell, Ronda
 Carefoot, Kathleen
 Cassaday, Nancy

Castillo, Raymond
 Chafin, John
 Chalfant, Mary Kathleen
 Chambers, Andrew
 Chandley, Sherry
 Chaney, John

Chapman, Nancy
 Childress, Kim
 Chokah, Nesbit
 Christian, Larry
 Christy, Christopher
 Chung, Hon

Clark, Mark
 Clark, Martha
 Clemons, Donald
 Clemons, Freddie
 Cloud, Marvin
 Clower, James

Clynch, Cynthia
 Cochran, Ronald
 Cockerham, Mike
 Cockrell, Susan
 Coe, Michael
 Cogdill, James



Coleman, Barbara
 Coleman, Mary Jane
 Collins, Judy
 Colvard, David
 Colvard, Gerald
 Combs, Martin



Conn, Richard
 Connally, Dennis
 Conner, Carolyn
 Conner, Joe
 Cook, Rodney
 Copass, Sally



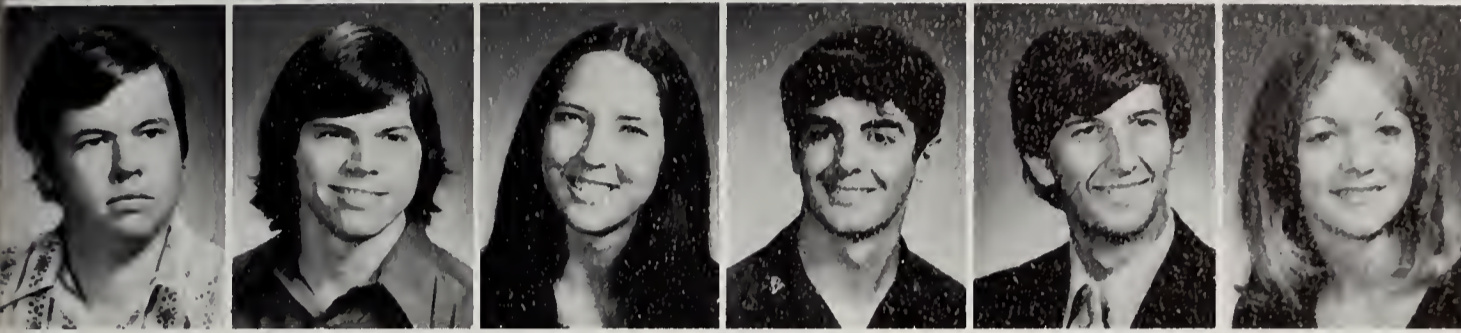
Copeland, Eddie
 Corley, Kathryn
 Couch, David
 Countryman, Mark
 Cox, Paul
 Crabb, Betty



A student could ask for nothing more than a bare piece of concrete, a notebook pillow and a warm, shining sun. The temptation was too great.



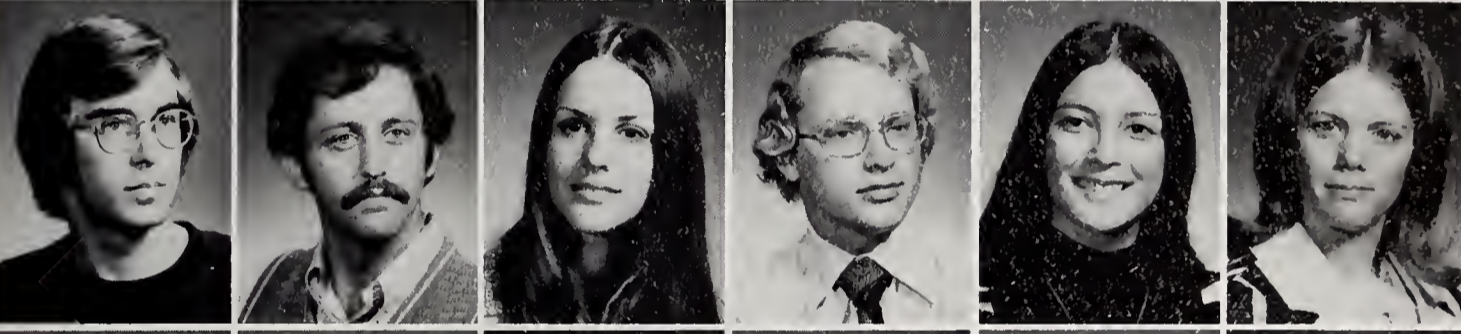
Crabtree, Karen Lynn
Cramer, Trina
Crane, Cathy
Crary, Christopher
Crisp, Patricia
Crosiera, William



Crouch, David
Crouch, Steven
Crump, Barbara
Cunniff, Allen
Cunningham, Howard
Curb, Donna



Curtis, Susan
Dada, Faisal
Daniel, Mike
Daniel, Patricia
Darden, Mary Lynn
Davis, Bill



Dean, James
Deas, David
Deen, Trudy
DeFord, Michael
de Guzman, Antonya
Dennis, Sheila



Donahue, Ann
Douglas, David
Dawney, Danny
Drevecky, Denise
Drumm, Wynn
Dumesnil, Pamela



Dunkelberg, Kenneth
Durham, Ricky
Easter, Marva
Ecoff, Linda
Edmonds, Allen
Elder, Nina



Elhader, Yaser
Ellis, Allen
Ellis, Janie
Ellis, Steve
Emmons, Norman
Ender, Vivian

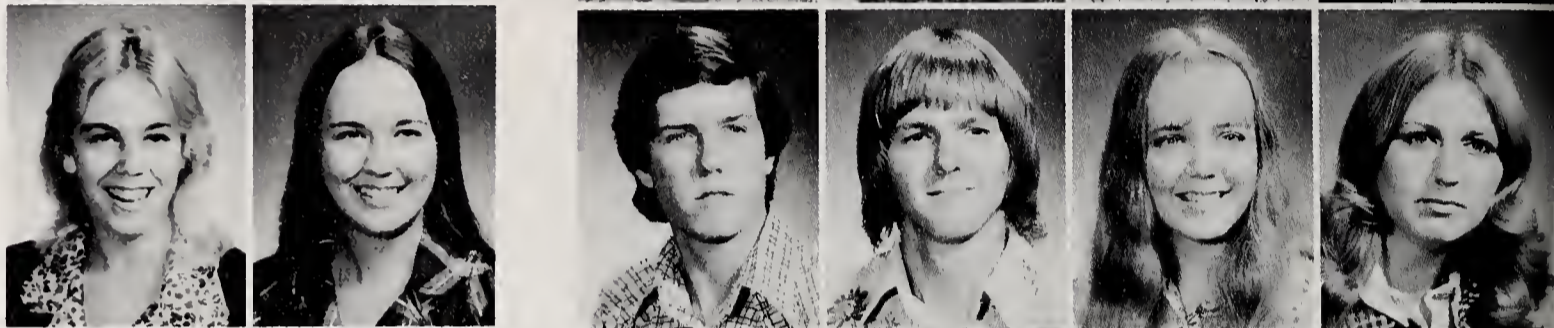
Endsley, Michael
 England, Glynnonn
 Eppler, Dwight
 Epps, Sherry Denise
 Esselman, Steven
 Estoll, Dianne



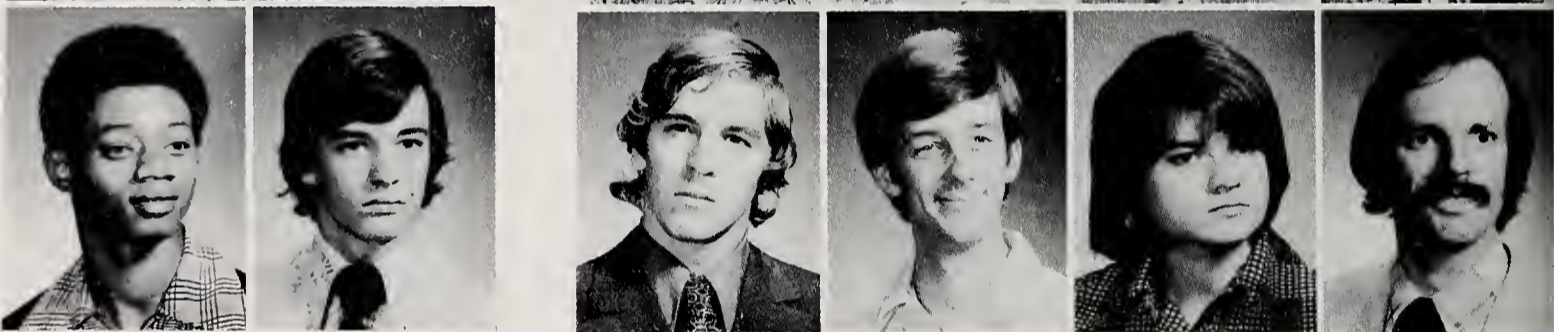
Evans, David
 Evans, Gary Lee
 Ezedin, Abdulmed
 Falke, Linda
 Faminu, Kenneth
 Farina, Maria



Farkas, Janet
 Farquhar, Margaret
 Faucett, Richard
 Feller, Clarence
 Ferguson, Danna
 Ferguson, Donna



Ferrell, Maurise
 Ferrell, Thomas
 Ferrill, Anthony
 Fisher, Jeffrey
 Flannery, Carol
 Flowers, James



Flynt, Cynthia
 Fard, Janice
 Ford, Pattalee
 Formagus, Nace
 Forsythe, Gina
 Fax, Dennis



Frankenfield, Samuel
 Fred, Twilla
 Fredrickson, Betty
 Freeman, Mary
 Friedrich, Dimitri
 Fulcher, Robert



Furey, Patricia
 Gobel, Blake
 Gachter, Barbara
 Gandee, Roger
 Gant, Dennis
 Garner, Monte





ough night.



Garrett, Bobby
Garrett, Laura
Gates, Suzanne
Gibbs, Marsha
Gillman, Steven
Gilmore, Carolyn

Glen, Andy
Glenn, Eddie
Goen, Richard
Golding, Dale
Gomez, Ismael
Gonzales, Mary

Gooch, James
Grays, Karen
Greenhaw, William
Griender, Kevin
Grimsley, Keith
Grissom, Dale

Grubaugh, Clarence
Guerra, Mary
Haisler, Gordon
Hall, Melissa
Hamiden, Mike
Hampton, Weldon



Students pause in front of the Student Center to watch Homecoming Kappa Sig Karnival activities.

Hancock, Sharon
 Harbin, Mickie Sue
 Hardaway, Jack
 Hargis, Jane
 Hargle, Lorele
 Harlan, Kay



Harnden, Sharan
 Harris, Ann
 Harris, David
 Harrison, Julie
 Hastings, Dana
 Hastings, Stephen

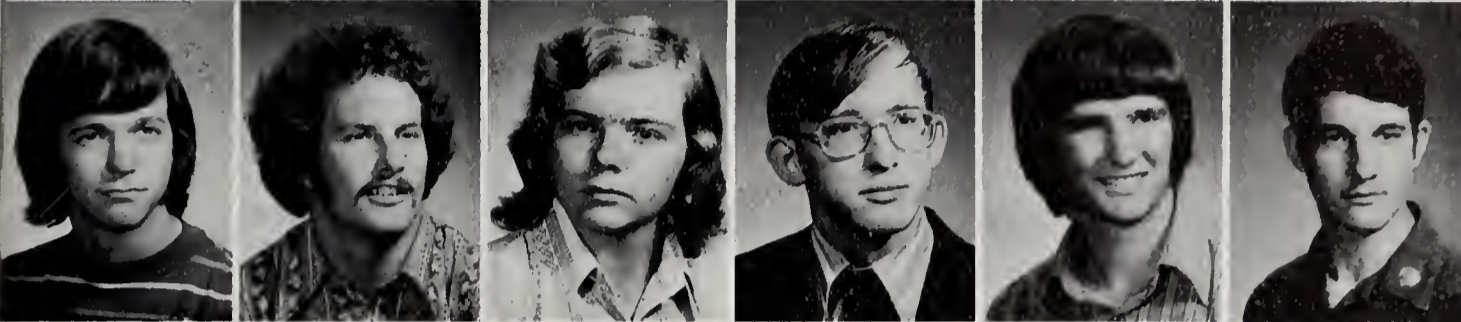


Hatfield, Karen
 Hauss, Edward
 Hawkins, Michael
 Hayes, Dolores
 Hayes, Jeff
 Hayne, William

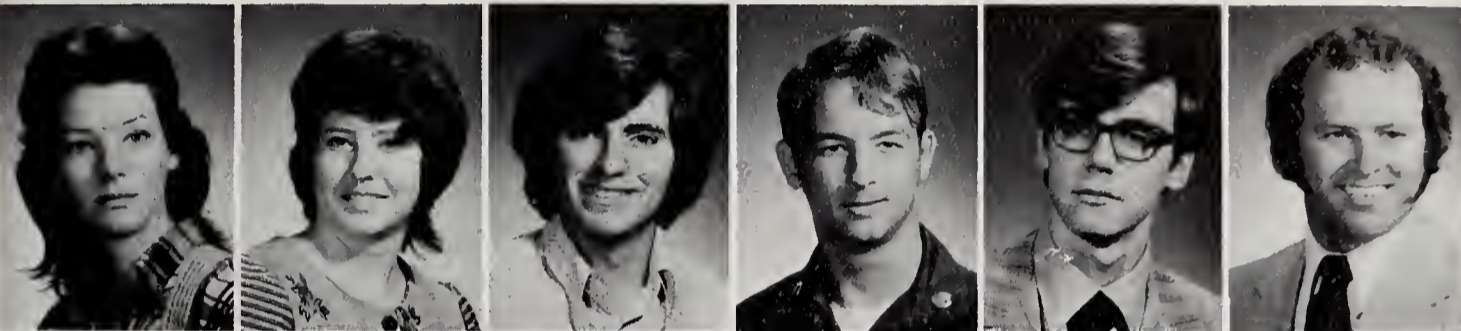




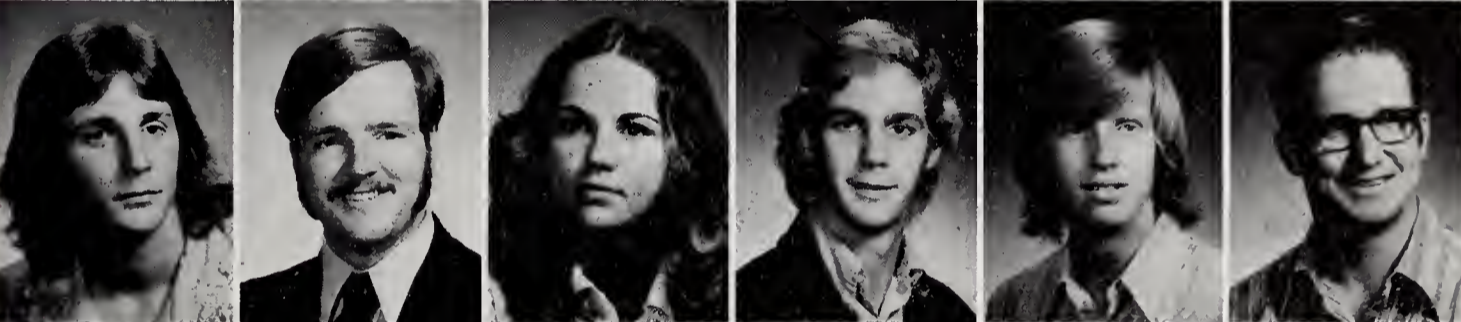
Hays, Jay
Hearne, Andrea
Heberling, Jeffery
Heltn, Wade
Heppler, Deborah
Hersh, Bobby



Hicks, Tony
Hill, Derek
Hill, Randall
Hindman, Douglass
Hodges, James
Holleman, Robert



Holliday, Becky
Holliday, Mary
Holton, Steven
Homer, Kenneth
Hood, Mark
Hopkins, Raymond



Horea, Hal
Horner, James
Horney, Lee
Howard, George
Howell, Melvin



Howrey, Timothy
Hranicky, Rebecca
Hudson, Barry
Hudson, John
Hugill, Terry
Hunnicut, Paul



Hunter, Art
Hutchins, Jo
Hutson, Lisa
Ijalana, Ezekiel
Ivery, Daniel
Jackson, Don



Jackson, James
Jagoda, Dana
James, Becky
Janscha, William
Jarvis, Johathan
Jasper, Denise

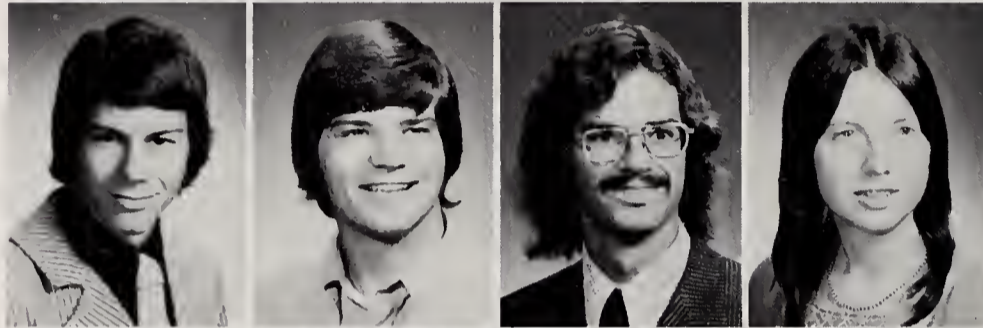
Jeffers, James
 Jenkins, Jerrel
 Jenkins, Susan
 Jerger, Stephen



Johnson, Barbara
 Johnson, Gary D.
 Johnson, Janyce
 Johnson, Joe



Johnson, Randy
 Johnston, Gregory
 Jones, James
 Jones, Laurie



Jones, Luann
 Jones, Randal Lee
 Jones, Robert
 Junco, Rene



Scarcely a pole or tree escaped being shackled in the cyclist's quest for security.

Junge, Marvin
 Juricek, Patrick
 Jurin, Mary
 Kallus, Mark
 Keating, Mary Ann
 Keele, Kevin



Keene, Glenda
 Keller, Paul
 Kelley, Glendon
 Kelley, Stuart
 Kelley, Vickie
 Kepler, Jimmie



Kepler, Michael
 Kerr, Mike
 Kiger, Bruce Allen
 Kilpatrick, Charles
 Kilpatrick, Stephen
 King, Gaylon

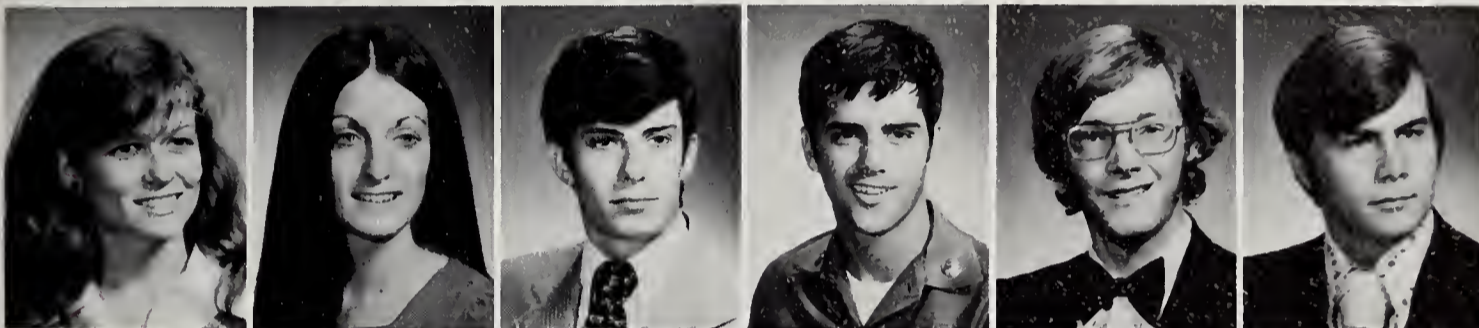




Keug, John
 King, Thomas
 Klein, Brooks
 Klingman, Judith
 Kraker, Larry
 Koehler, Peggy



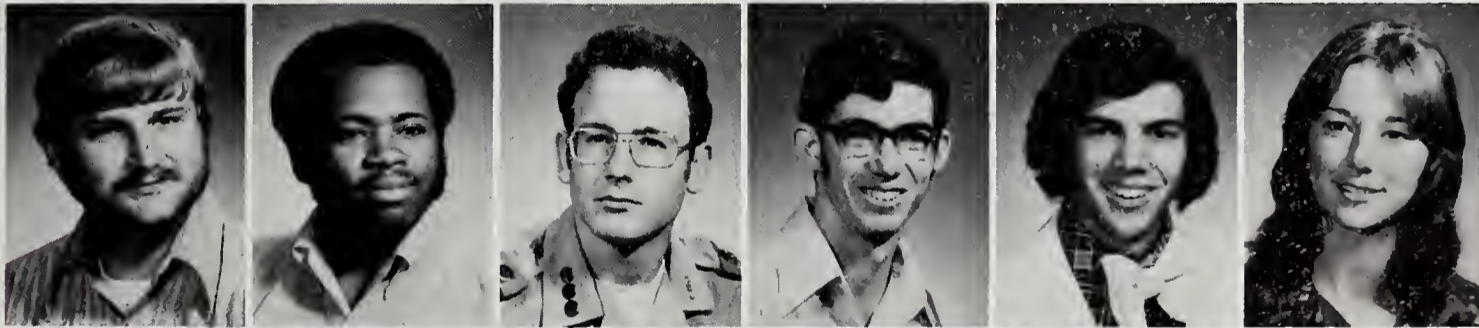
Krause, James
 Kuhnell, John
 Kuhnell, William D
 Lammons, Carl
 Landrum, Lawrence
 Langly, Vivian



Larnard, Jacquelyn
 Lassetter, Cindy Anne
 Lassetter, Fleet
 Latham, Mark
 Lounius, David
 Laux, Daniel



Lawrence, Sheryl
 Lawsha, Gloria
 Layton, Larry
 Laza, Randall
 Lebaron, Gwyn
 Leck, Brian



Lee, John
 Lee, Michael
 Leibensberger, Claude
 Leonard, Taby
 Levy, Al
 Lewis, Marilyn



Libotte, Sue
 Light, Daris
 Lim, Kooi
 Linehan, Fred
 Lisheran, Debra
 Llewellyn, Kay



Loar, Cyndi
 Long, David
 Lovelace, Timothy
 Loving, Kathleen
 Lowe, James
 Lowe, Stephen

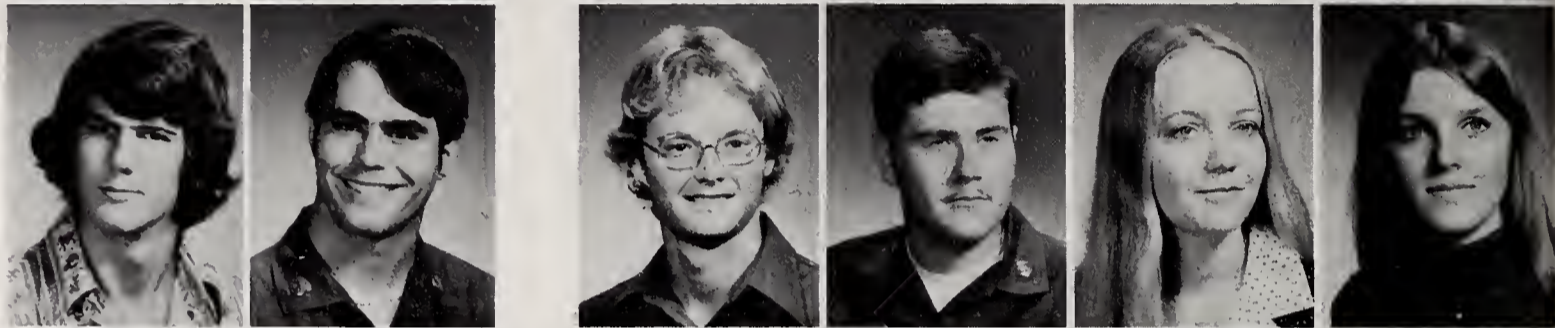
Lowrance, Gary
 Lowrance, Robert
 Lozano, Jessie
 Lynch, Cherry
 Lynch, Jeanine
 Modden, Michael



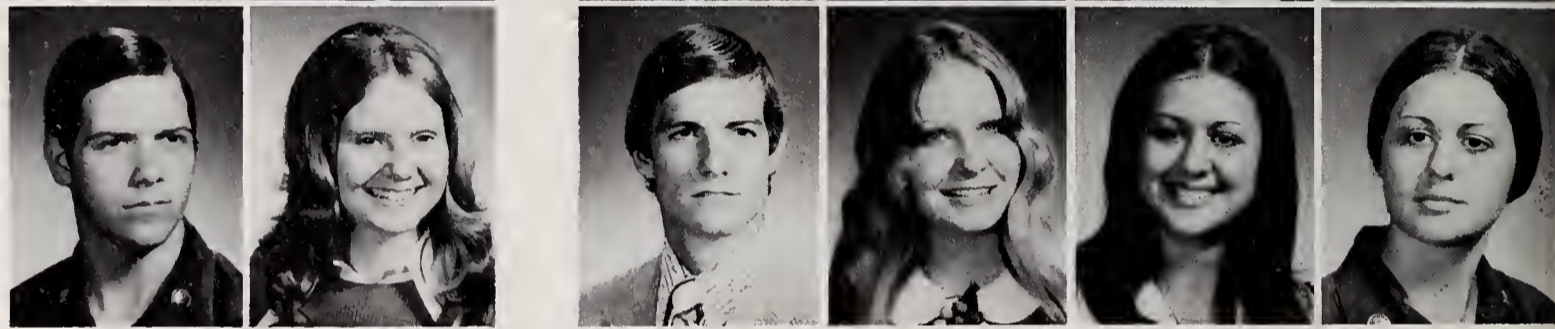
Modelat, Hossain
 Madison, Sherall
 Mahaffey, Terry
 Majka, Catherine
 Major, Carol
 Malone, Margaret



Manning, Ray
 Mansfield, Alan
 Markwardt, Kerry
 Marrinan, Bob
 Martin, Elaine
 Martin, Susan



Mathews, Gary
 Matkin, Mitzi
 Maxey, Michael
 Mazonec, Kathleen
 McAbee, Elizabeth
 McAbee, Ronelle



McClure, Dennis
 McDonald, Helen
 McDougal, James
 McEwan, Maria
 McFadden, Gary
 McIntash, Morris



McKay, Joseph
 McKinney, Becky
 McLerran, Robert
 McSpadden, Connie
 Meador, Doak
 Mecay, Darcy



Medina, Mary
 Mehan, Joyce
 Menger, Christopher
 Mertz, Diane
 Meyer, Bill
 Meyer, Paul





Michael, Hollis
 Maers, Tommy
 Miller, Debra
 Miller, Jeff
 Miller, Steven
 Millican, Charlene

Mills, Ginger
 Mitchell, Lee
 Mize, Allen
 Monaghan, George
 Marcus, Ross
 Moore, David



Outside reading during the warmer months offers respite from classroom claustrophobia.

Moore, Jeff
 Moore, Kaye
 Moore, Sandra
 Moore, Sid
 Morgan, Carrie
 Morgan, John



Morganthaler, David
 Morris, Tony
 Moss, Lee
 Mullaney, Colleen
 Mullins, Jack
 Murphy, Tom



Musser, Steven
 Myers, David
 Naughtan, Margaret
 Nazir, Sarfaraz
 Neal, Christopher
 Nearpass, Susan



Neusch, Gay
 Newton, Darrell
 Nichales, Ralph
 Nimeh, Youssef
 Noble, Steve
 Narris, Cheryl



For students not working after their last class ended, relaxation was a popular elective.



Norris, Debra Lynn
Norris, Judy
Nunnally, Randy
O'Connor, Eva
Op, O O
Olire, Dee



Oliver, Stennis A.
Olsen, Peter
Osborne, Kathryn
Osborne, Terry
Ostrom, Vicki
Osuji, Lawrence



Otis, Michael
Owen, Charles
Owen, Karen
Owen, Marvin
Owoeye, Ayodele
Pannell, Ann



Panpruksanant, Niphat
Patin, Pamela
Patterson, Sandra
Payne, Debra
Pearce, Linda
Pearson, Angela



Pearson, Larry
Peninger, Sara
Perkins, Claudia
Perlis, Randy
Peters, Karen
Petriskey, Michael



Petry, Helen
Pettie, Mike
Pevehouse, Kathryn
Phillips, Cheryl
Phillips, Stephen
Philpot, Richard



Pieters, John
Pipes, Melinda
Plog, James
Poonawala, Mazher Kaizer
Poor, Michael
Portman, Billy

Pastock, Dennis
Powell, Gregory



Powell, William
Preston, Dale



Price, Nita
Prindle, June



Probst, Janice
Psnick, Robert



A Lion Country Safari inhabitant visited one sunny afternoon.

Pugh, Melton
Putney, Susan
Raine, Russ
Ramey, Thomas
Rauch, Douglas
Ray, Michael



Reardan, Jeanne
Reed, Donna
Reed, Kayleen
Reed, Susan
Reynolds, Judith
Reynolds, Kenneth



Reynolds, William
Rhyne, Edward
Ricks, Robert
Riggs, Ginny
Riley, Kevin
Rimes, Kenneth





Risinger, Vicki
Robertson, David
Robertson, Andrew
Robertson, Eric
Robertson, Jim
Robertson, Jo Ann



Robinson, Bonnie
Roblez, Marisela
Rojas, Edward
Rose, Larry
Rogh, Melanie
Ruiz, Ramiro



Rummel, Janet
Rusinovich, Robert
Russell, James
Russell, Robert
Sadler, Leroy
Salazar, Jo Ann



Sanders, Stephen
San Tamaría, Tony
Santillan, Paul
Sapenter, Daanna
Schechter, Steven
Schlesinger, John



Schooler, James
Schappe, Janet
Scott, Vickie
Senger, Racks
Shanks, Susan
Shannon, Marybeth



Shaw, Billy
Short, Danna
Siddiqui, Shahid
Simms, Rhonda
Singh, Mehender
Singletary, Thomas



Skoggs, Patricia
Smith, Beverly
Smith, Charles
Smith, Charlotte
Smith, Charmaine
Smith, Cindy

Smith, Dana
 Smith, Ellawese
 Smith, Jimmie
 Smith, Kenneth
 Smith, Neal
 Smith, Pam



Smith, Sharon
 Sorenson, Rob
 Southern, Gale
 Spagh, Kenneth
 Spelce, Jane
 Sprabary, Aleshia



Stalder, Janet
 Stallard, Linda
 Starkey, Teresa Ann
 Stearle, Mary
 Steele, Steven
 Steelman, Terry



Steever, Brenda
 Steinman, Terri Lynne
 Stephens, Mark
 Stiles, Douglas
 Stiles, Priscilla
 Stiles, Susan



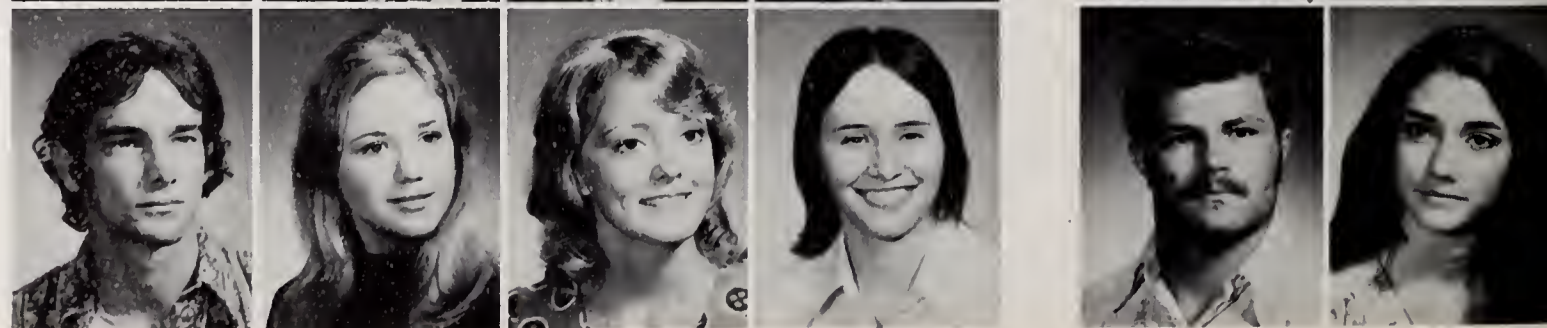
Stinehelfer, Debby
 St. Jahn, Denise
 Stockfelt, Karen
 Stolfo, Margaretan
 Stone, Deborah
 Stork, Mary



Strickley, Timothy
 Stroman, Pamela
 Sublett, Cindy
 Suhail, Anwar
 Sulak, Bernadette
 Sullivan, Marc

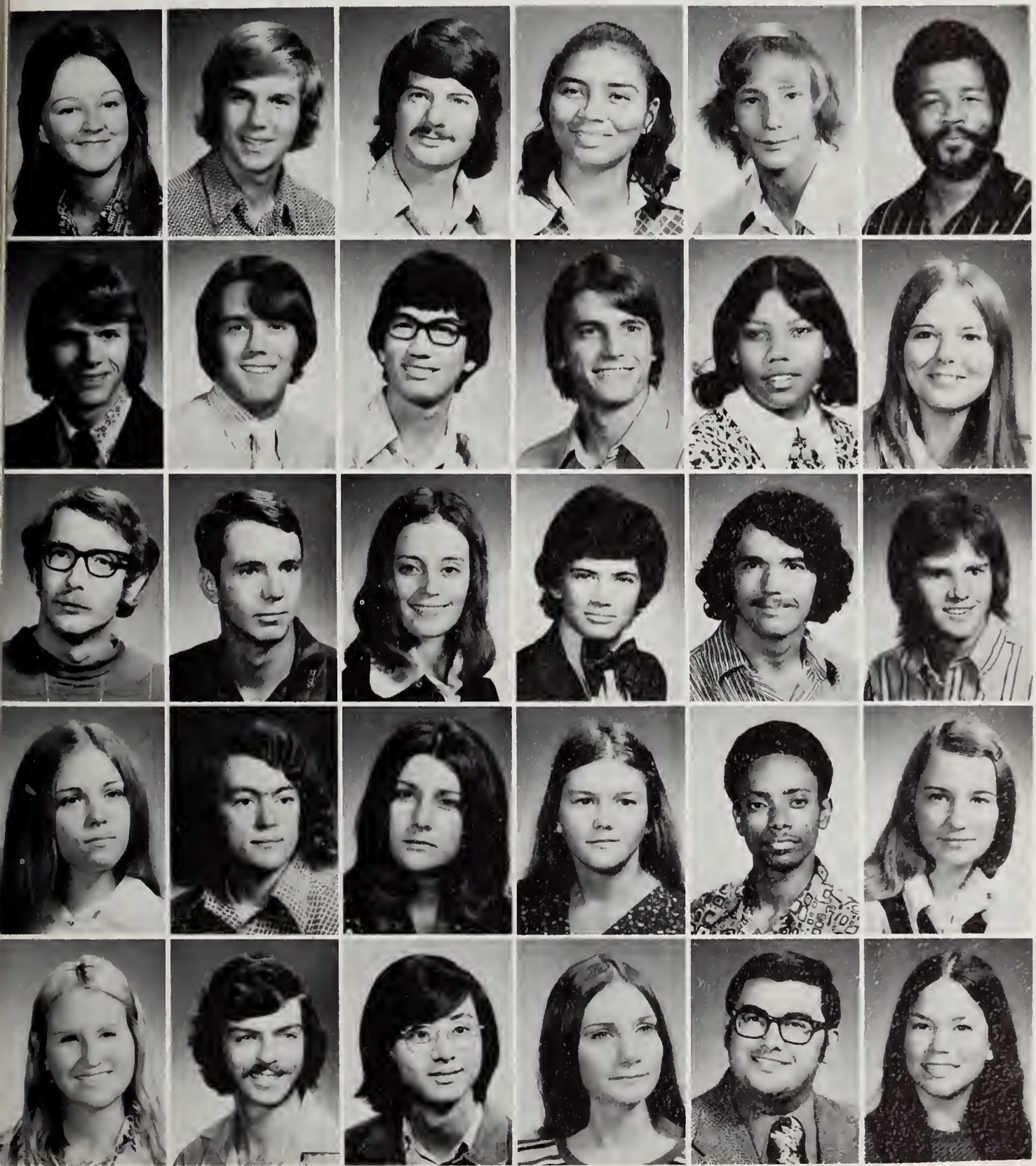


Swanson, Wilson
 Sweeney, Susan
 Swett, Sandra
 Swint, Rarna
 Sykes, Ronald
 Sypert, Katherine





tudents hurrying between classes often fail to notice the beauty of the campus landscape.



Tanner, Jane
 Tanona, Mark
 Torpley, William
 Tartt, Wonda
 Taylor, Bruce
 Tolyar, Clyde

Teel, Stephen
 Terry, Richard
 Thomas, Rodney
 Thompson, John
 Thompson, Linda
 Thomson, Bobbie

Thomson, Sheldon
 Thurnau, Lloyd
 Timberlake, Ellen
 Torrence, Jarred
 Totten, Robert
 Trocy, Edward

Trommel, Delio
 Trogdon, William
 Tull, Bethelline
 Tull, Patsy
 Turner, Ronold
 Tyler, Goy

Uhl, Jo Ann
 Vandemeer, Blake
 Vathonathanakula,
 Sumate
 Veal, Kimberly
 Vela, Ciro
 Vonbose, Gretchen



Building hopping is a popular activity during rainy weather. This is a favorite resting spot before the Preston-Science Hall scurry.

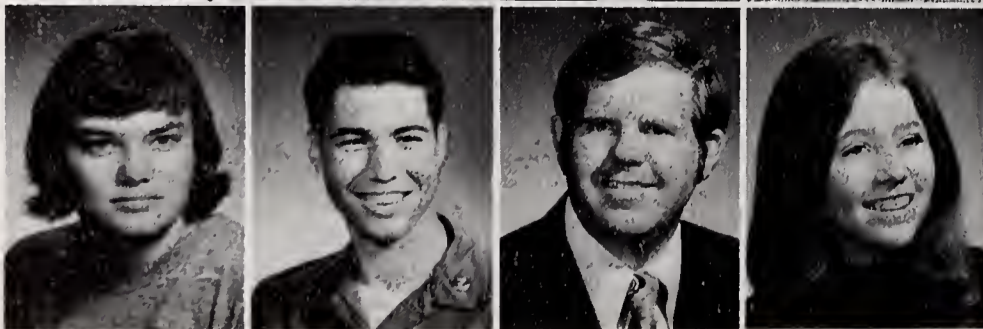
Walker, Jerry
Wallace, Jackie
Wallace, Marla
Waltan, Gary
Waltan, Kenneth
Waneck, Roger



Ward, Janet
Warner, Robert
Watsan, Benjamin
Watsan, Robert
Watsan, Scott
Webb, Tani



Weedan, Melva Ann
Weinert, Stephen
Wells, Donald
Wells, Donna Lee
Wentz, Linda
Westmarland, Janice





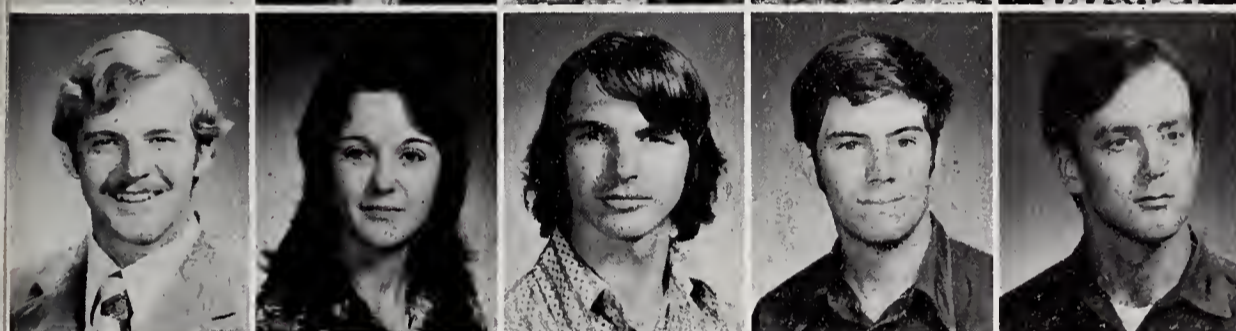
White, Jeanine
White, Ken
Whiteland, Cherie Lee
Wilbanks, Cody
Wilhelm, James



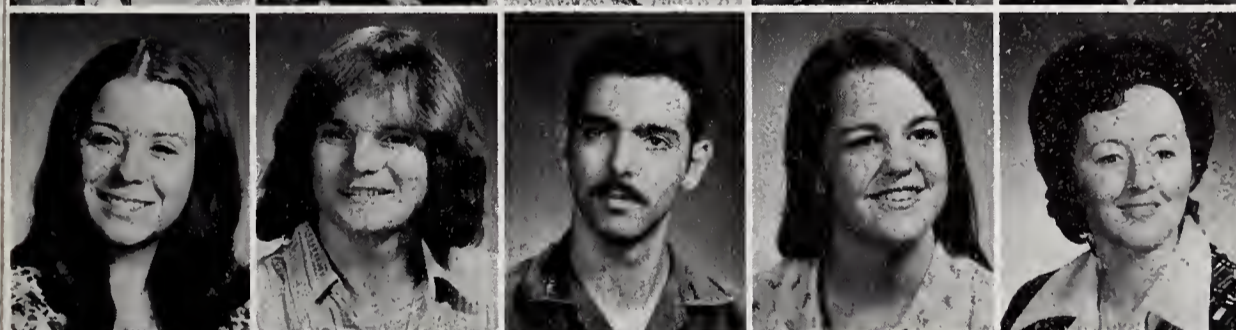
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Williams, Holly Lane
Williams, Joyce
Williams, Laura Lynne
Williams, Neil



Williams, Philip
Williams, Ralph
Williamson, Diane
Willingham, Joel
Wilson, Sheila



Winters, John
Wirth, Lisa Lou
Wolf, Craig
Wolff, Stephen
Wood, Dennis



Wood, Judy
Wood, Michael
Woods, Thomas
Woodward, Patricia
Wooton, Melissa



Warth, Bruce
Wray, Michael
Wright, James
Wright, Sharan
Yau, Robert



Yazdi, Mohamad
Yeary, Elizabeth
Yeary, Gary
Zaheer, Khalio
Zsohar, Leslie

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Adams, Joyce
Adams, Roger
Adebo, Jones
Ahmed, Jasim
Allen, Therese
Allison, John



Altman, Debra
Alvarez, Juan
Anders, Stephen
Anderson, Tamarine
Ashraf, Farrokh
Bailey, David



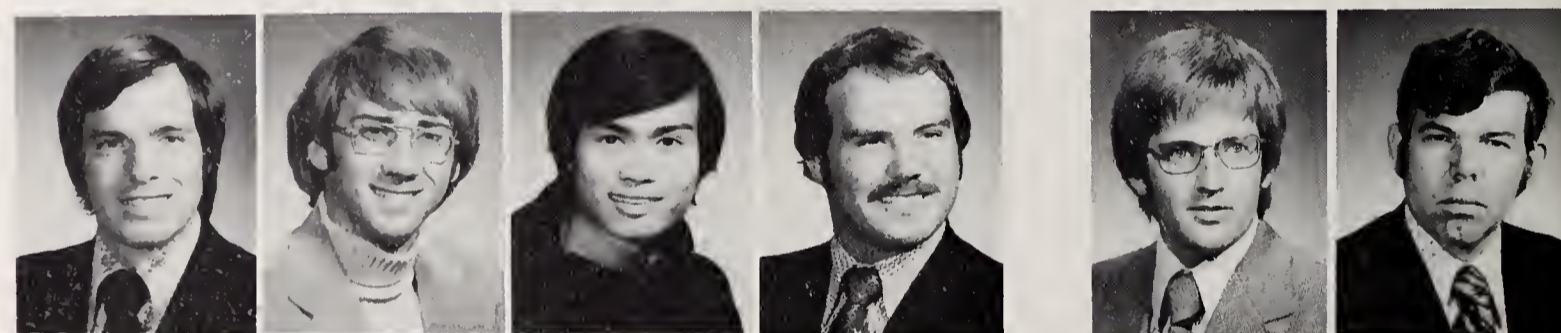
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Baker, Terry
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Bateman, Thelma
Bates, Deborah
Bates, Jim



Bates, Theresa
Beckwith, Gary
Beeman, Gail
Bell, James
Bethany, James
Bida, Janet



Billingsley, Richard
Bills, Brad
Boranapan, Chumpan
Bowers, William
Brammer, Steven
Branch, Kenneth



Breaux, Lynn
Britain, Kent
Brown, R.D.
Browne, Lewis
Brownlee, Elizabeth
Bruns, Robert



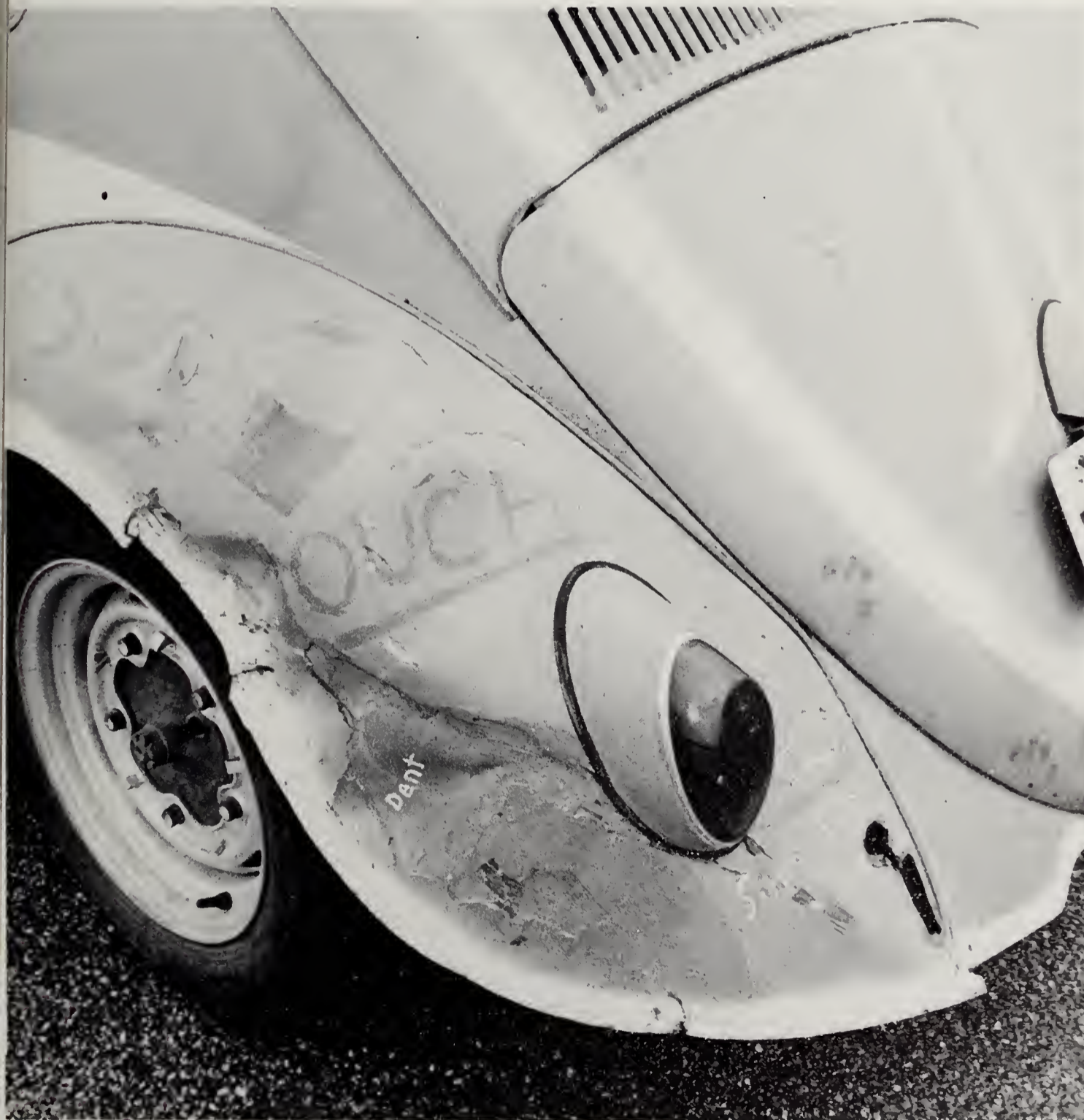
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Buck, Michael
Bullin, Sherri
Burciaga, John
Burkett, Joe
Caldwell, Connie





Caldwell, Donald
 Carr, Doris
 Carney, Gerald
 Carter, Jamie
 Carter, Nancy
 Caruth, Vincent

Castanon, Eulalia
 Cawski, Victor
 Charez, Carmen
 Chavarria, Gustavo
 Choate, Timothy
 Clack, Gary



Dents with something to say. This Volkswagen bug shows that students with small cars still have to worry about being pushed around the campus' parking lots.

Clark, Eddie
Coates, Michael



Cochran, Joe
Caleman, Glenn

Coleman, Mike
Collier, James

Cotton, Roy
Craff, Corlas



One hour umbrellas serve as protection from torrents of rain, and the next hour they go into service as sun-shades.

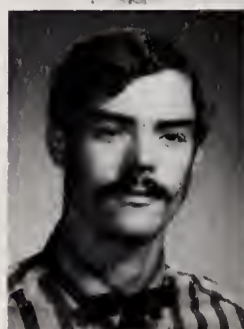
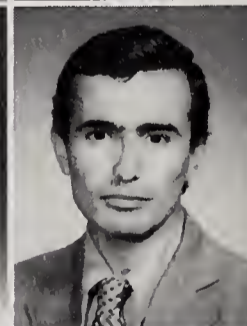
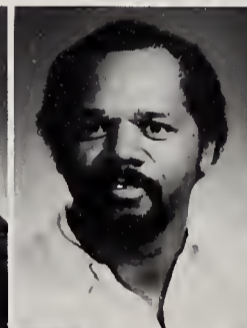
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Crawford, Mike
Curry, Kenneth
David, Donald
Davis, Fay



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De la Rosa, Arthur
De la Rosa, Carlos
Del Castillo, Alfred
Dobbs, Phillip
Dockery, Douglas



Dunkelberg, Steve
Eberly, Donna
Edwards, Richard
Eichenberger, Louis
Elkins, Katherine
Ernis, Leonard





Farnsworth, Pamela
 Fawcett, Karen
 Ferguson, Ethel
 Ferguson, Gary
 Ferguson, Paul
 Fischler, Carol



Foreman, Norman
 Foster, Kenneth
 Foster, Marilyn
 Foust, Paul
 Frank, Herbert
 Fredrickson, Ernest



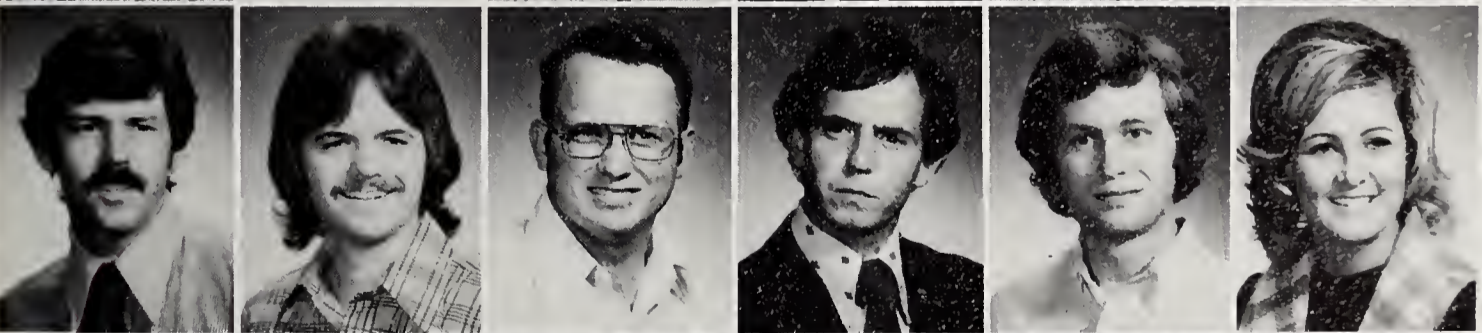
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 Grayson, Wilbur
 Grissom, Renee



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 Haisler, Norman
 Harred, Larry
 Houghey, James
 Hayes, Gaylord
 Heinfling, Wolf



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 Hodge, Mickey
 Howell, Howard
 Huber, Donny
 Hughman, Kerry
 Hunnicutt, Sharon



Hurlbut, Bryan
 Inchauste, Roberto
 Jackson, Jaynie
 Jakubik, Robert
 Joe, Kin
 Johnson, Phil

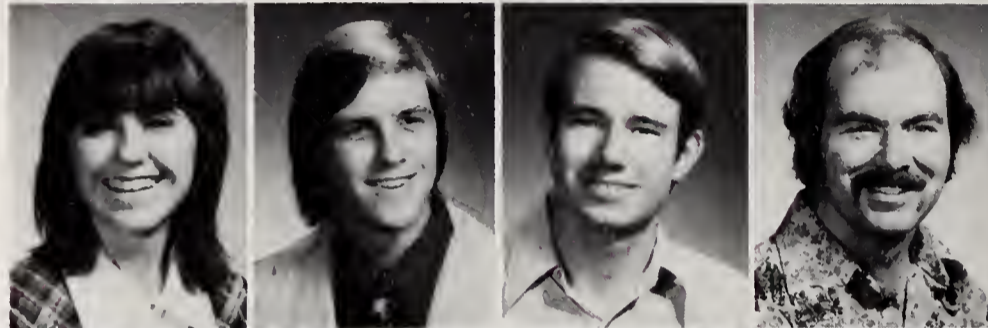
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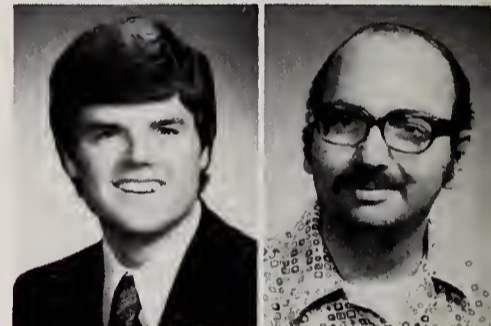
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 Knowles, Sandra
 Kyser, Roland
 Langley, Thomas



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 Leck, David
 Leonard, Walter
 Leone, Robert
 Light, Doran
 Littlefield, Clyde



Lloyd, Blair
 Lockwood, Bobby
 Longacre, Gwendolyn
 Ludwig, Katherine
 Mahan, James
 Maples, Wayne



Mariani, Dennis
 Martin, Kimberly



Mason, Ralph
 Massey, Nikki



Matkin, Robert
 Mauldin, Keith



Looking better all the time. Students reflect a variety of political interest and philosophies.



McBee, Linda
 McClinton, William
 McClure, Keith
 McFadden, Gary
 McGowan, Laverne
 McKeehan, Earl



McKinley, Martha
 Mecoy, William
 Middick, Vicki
 Montgomery, Patrick
 Moore, Gary
 Moore, Thomas



Marrow, Belinda
 Marton, William
 Motlagh, Soheil
 Maughan, Daniel
 Musgrove, Kathleen
 Nasir, Sayed



Nahvi, Ali
 Nahvi, Ali Asghar
 Nelson, Larry
 Nelson, Michael
 Nix, Gary
 Nowrouzipour, Kamal



Oakley, Michael
 Ogungbade, Oladipo
 Okei, Issac
 Overton, Larry
 Parga, Robert
 Patrick, Irvin



Person, Glynn
 Phillips, Cheryl
 Pisesnaramkit, Oraphin
 Past, Max
 Propes, Kenneth
 Pruitt, Carroll



Rainwater, Linda
 Rainwater, Randy
 Ray, Melvin
 Redden, Frederick
 Reese, Kathy
 Reeves, Gary

Reidy, James
 Reyes, Frederick
 Riddle, Mark
 Robinson, Barry
 Robinson, Pam
 Rondem, Ronnie



Ruff, Leora
 Savage, Rebecca
 Saxion, Howard
 Schanbacher, Paula
 Schiller, Marlene
 Schreyer, Kent



Scott, Cassandra
 Sessions, Robert
 Shanks, Jahn
 Shelton, Vicki
 Shone, Cheryl
 Siddiqui, Abdul



The student center provides people with a convenient and comfortable place to relax and exchange thoughts and ideas with each other. Games, food and TV are some of the attractions.



Simmons, Royce
 Simpson, Gary
 Simpson, Pamela
 Sissel, Craig
 Smith, Dudley
 Smith, James



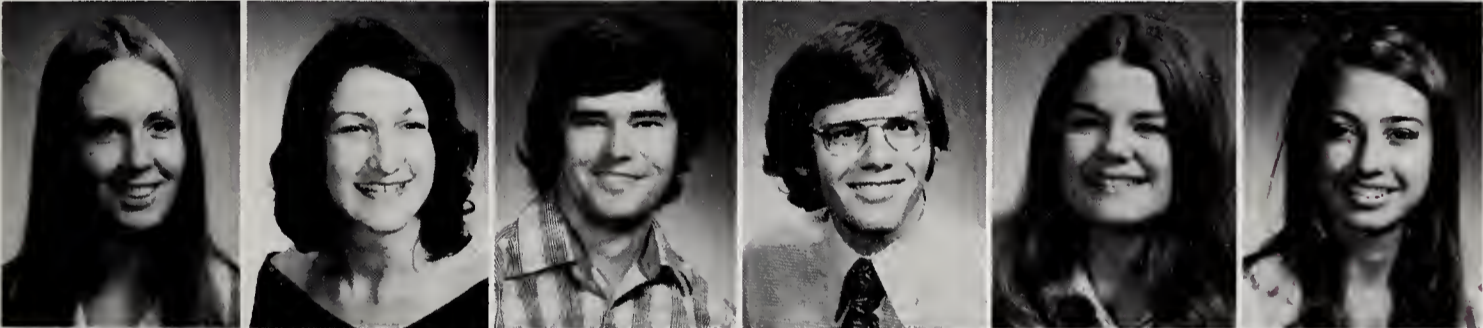
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 Smith, Perry
 Smith, Richard
 Snyder, Mark
 Sonflieth, Suan
 Srikanchana, Paichit



Stearns, Cheri
 Stoug, Rodger
 Strait, Mary
 Strittmatter, Thomas
 Strong, Russell
 Sullivan, Dale



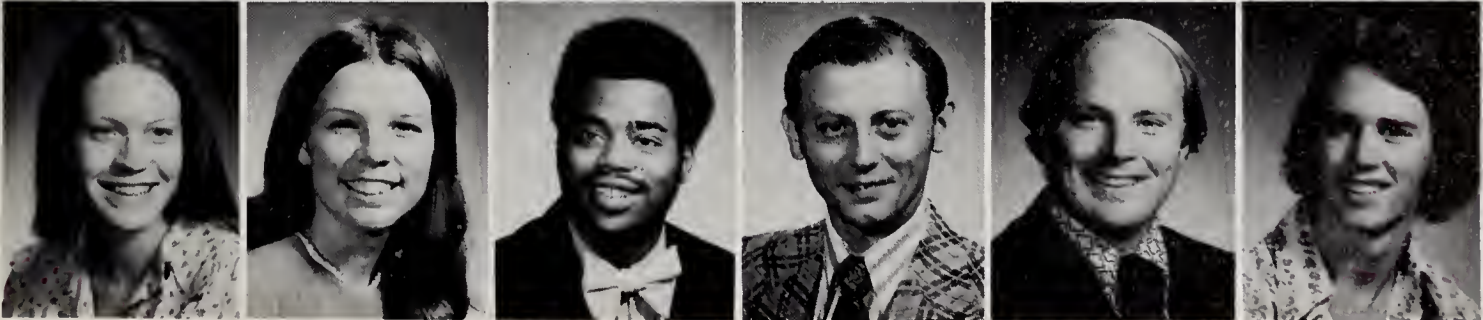
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 Tarbell, Janice
 Taylor, Katherine
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 Taylor, Leldon



Thompson, Donna
 Thompson, Jonna
 Threadgill, Wayland
 Tibbets, Richard
 Timmons, Martha
 Tipton, Carol



Tipton, Jim
 Touchstone, Fran
 Wallis, William
 Ward, Charles
 Ward, M.J.
 Washam, Diane



Weempe, Myra
 Weikel, Candace
 White, Billy
 Whitlow, Thomas
 Whitsel, Keith
 Wilcox, Richard



Old, traditional bubble-gum machines held their own in the campus' vending machine 'jungle'.

Wilkins, Richard
 Williams, Franklin
 Williams, Tom
 Williamson, Boyd
 Wilson, Claudia
 Winton, Janet



Winton, Jerry
 Wamble, Michael
 Wooten, Paula
 Yow, Horace
 Yaunkin, Charles
 Zarafanetis, Nicholas



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Adediji, Moses
Bagley, Sam
Barker, David
Conrad, Carolyn



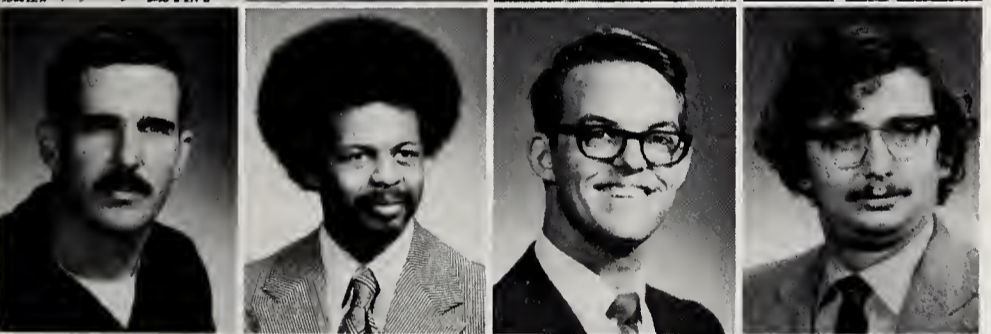
Culbertson, Richard
Dougherty, Michael
Duszynski, Paul
Gill, William



Hape, Pamela
Hoskins, John
Juricek, Michael
Kim, Chang Sun



Lefer, Harvey
Leith, Sharon
McBee, James
McMahon, Robert



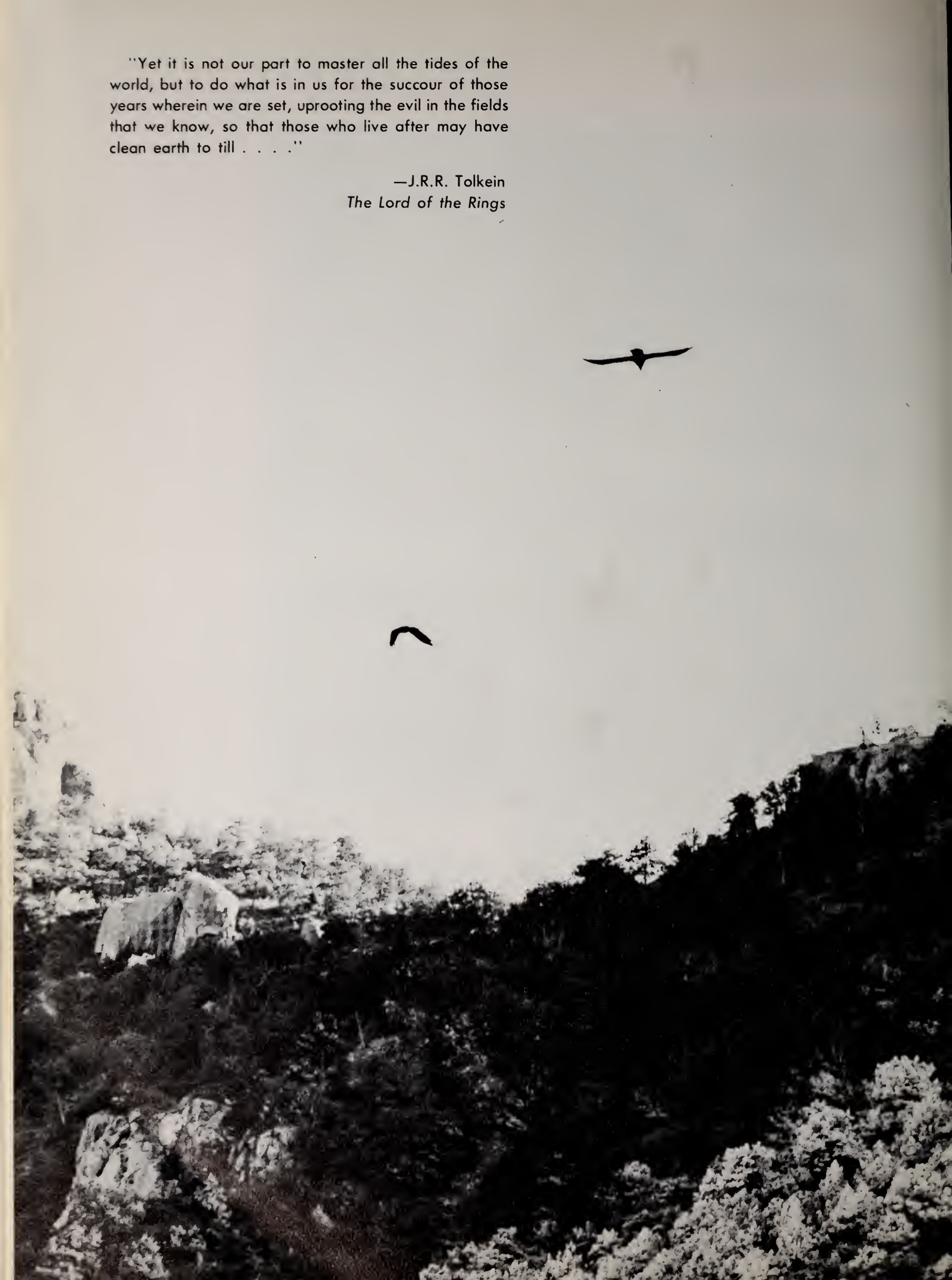
Morris, Allen
Patterson, Thaxson
Rasca, Marcus
Rowley, David



Sanders, Patsy
Terranova, Gerald
Wilson, Treva
Yablonsky, Barbara

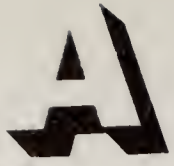
"Yet it is not our part to master all the tides of the world, but to do what is in us for the succour of those years wherein we are set, uprooting the evil in the fields that we know, so that those who live after may have clean earth to till"

—J.R.R. Tolkein
The Lord of the Rings



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