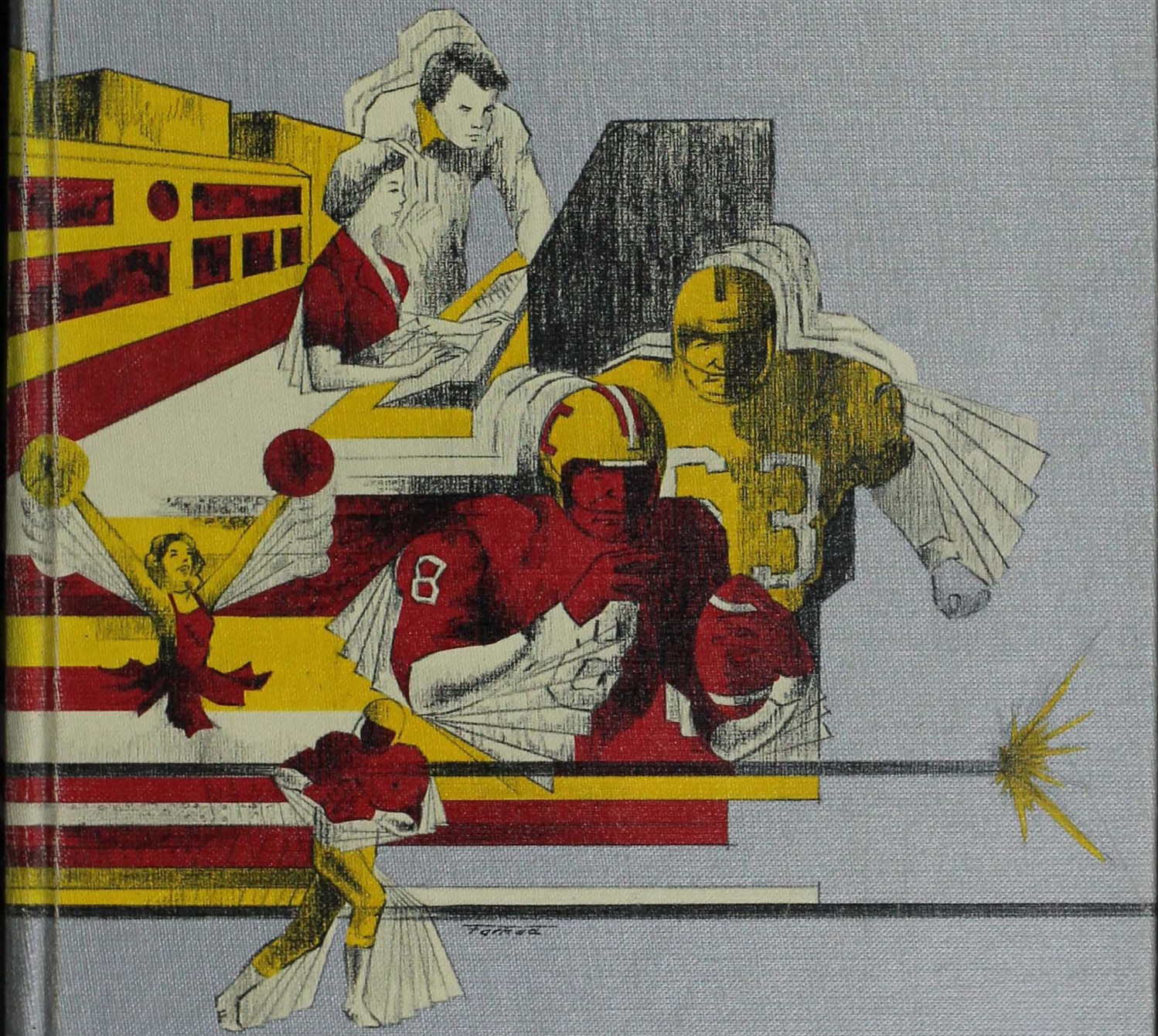
BOMB 1978





BOMB 1978
Iowa State University
Ames, Iowa 50011
Volume 85

The Inside Story . . .

Bomb 1978

"The Inside Story." These words appear throughout Bomb '78 to remind you that the features and news stories in each section provide detailed coverage of Iowa State events—events that set this year apart from others.

World history books will record the Panama Canal Treaty, farm strike, peace talks in the Middle East, Bert Lance's resignation and the deaths of Hubert Humphrey, Bing Crosby, Groucho Marx, Elvis Presley and Charlie Chaplin.

But we chose to record the news events that will become a chapter in Iowa State's history book—stories such as the water shortage, the First International Iceberg Conference and the Peach Bowl.

The magazine format used in Bomb '78 has been carried over from Bomb '75 and '77. But this year we created magazines that fit our contents rather than fitting our contents to national magazine formats. *Good Times* is filled with stories and photographs that make up the traditional "good times" of college life including events such as Veishea, Homecoming, Migration and Varieties.

We also realize, if you're a typical ISU student, you spend about 20 hours in the classroom each week. But what you do in your free time is as much a part of your college education as lectures and labs. These activities are the subjects in the magazine, *After Hours.*

But the 20 hours you spend in class are not overlooked in Bomb '78. A new section, *Academic Update,* compiles features about interesting teachers, students and classes.

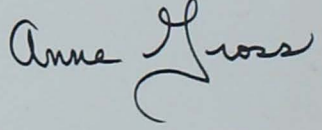
Traditional subjects make up the bulk of Bomb '78. *Sports Digest* gives season-wide coverage of our men's and women's athletics, sports clubs and intramural activities. *Prospect* provides photographic records of more than 2000 graduating seniors.

And whether you live in a dorm, Greek house or off-campus apartment, your choice of lifestyle is included in our housing magazine, *Lifestyles.*

A section that contains some of the most memorable events is *Applause.* For in it contains coverage of concerts, plays, lectures and a synopsis of today's popular movies and TV programs.

Within these seven magazines we have captured more than 6000 of you in photographs or print. And although you may not find your name listed in our index, the Bomb is still *your* memory book. If you watched the Veishea parade, stood among the crowds at the football games or attended concerts and plays in C.Y. or Hilton, you were a part of Iowa State's history and a part of Bomb '78.

Anne Gross
Bomb '78 Editor



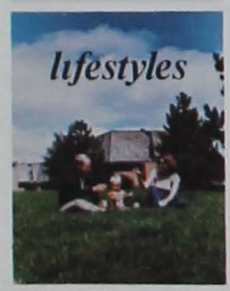














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Entrance
to what we know is there
yet really isn't.
somewhere inside the realm of where we are
each of us is real, looking for a place to fit.

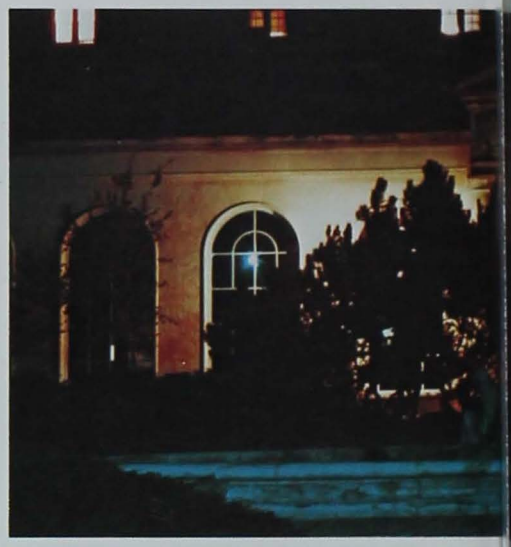








Fisher Theater





Rotunda of the library

Rings of learning trail the words
that surround the thoughts formed here
inside a world of our own
searching, reaching.



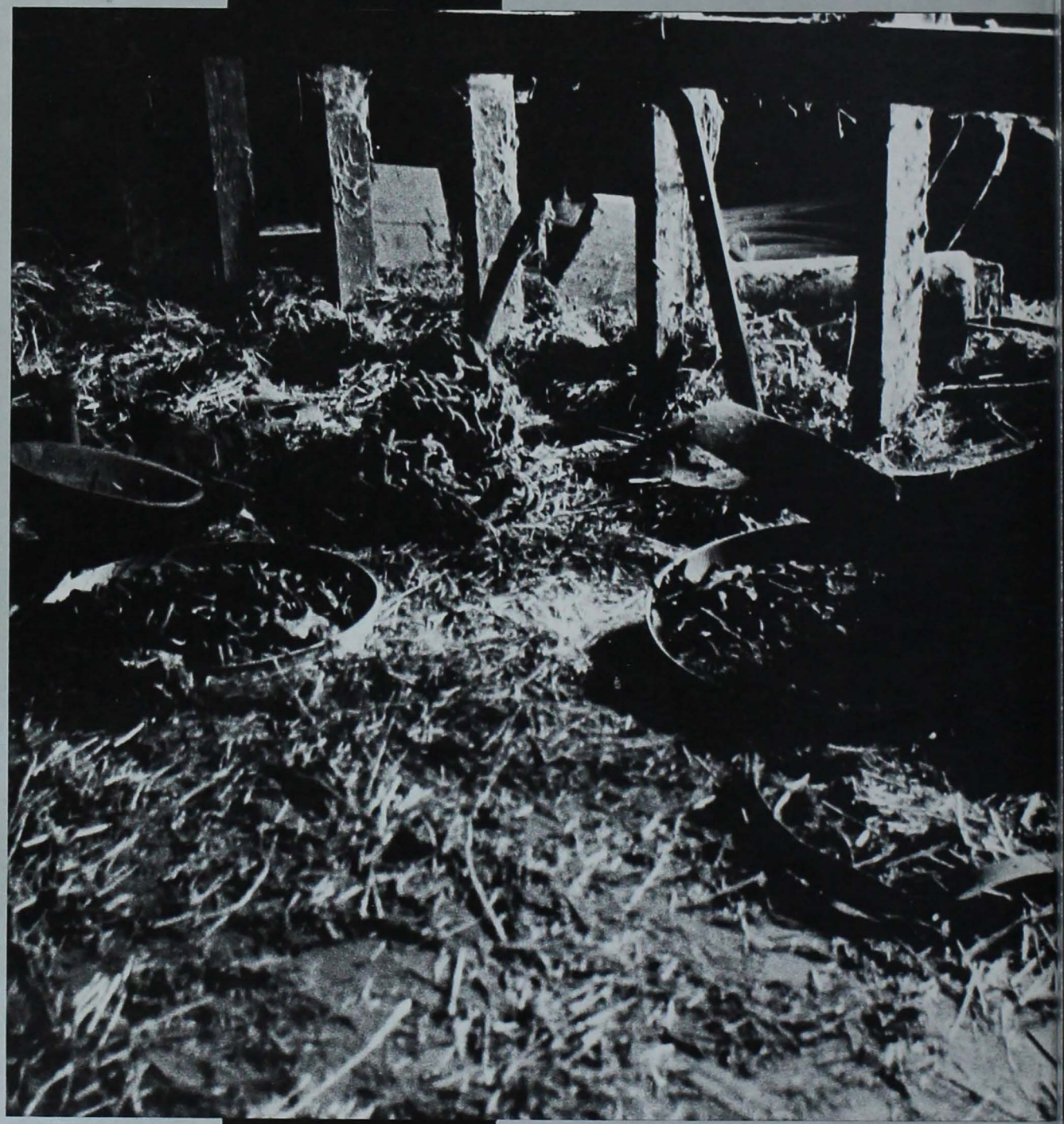
Memorial Union



Carver Hall



photography by Craig Shubert, Mary Eldridge Bailey, ISU information Service.



Farther we go, deeper we get, longer it takes
the crowds will never break up
it seems we'll never find a pathway
clear to the stars.








Bates
The PIZZA HOUSE

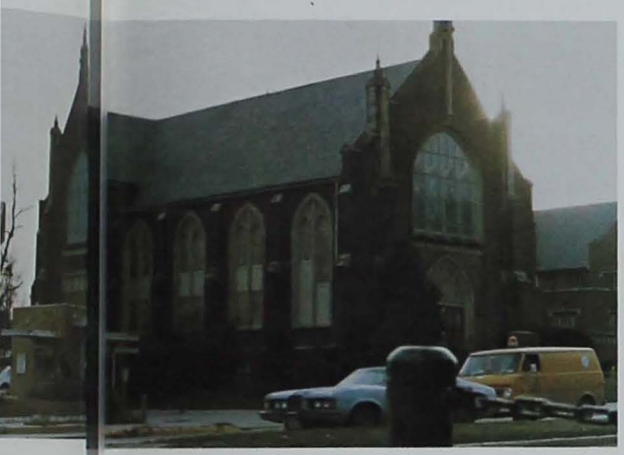



NO
PARKING
THEATER
EXIT


RAINER-BUCKEN

Time goes on, years pass
we find a temporary place we may call home
yet probably won't return to

(sunsets melting spaces)







photography by Bob Stenberg



Places
expand, grow,
become a world of opportunity;
fast-paced, find a space, alone
amidst a web of unconcern
alone.








MOTOR HOTEL OPEN 1974
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CENTER






TOBER'S

And though friends are here
we've also left friends
as we will tomorrow.
Yet today we're here
looking toward a new world, wide horizons
sunrises in springs.

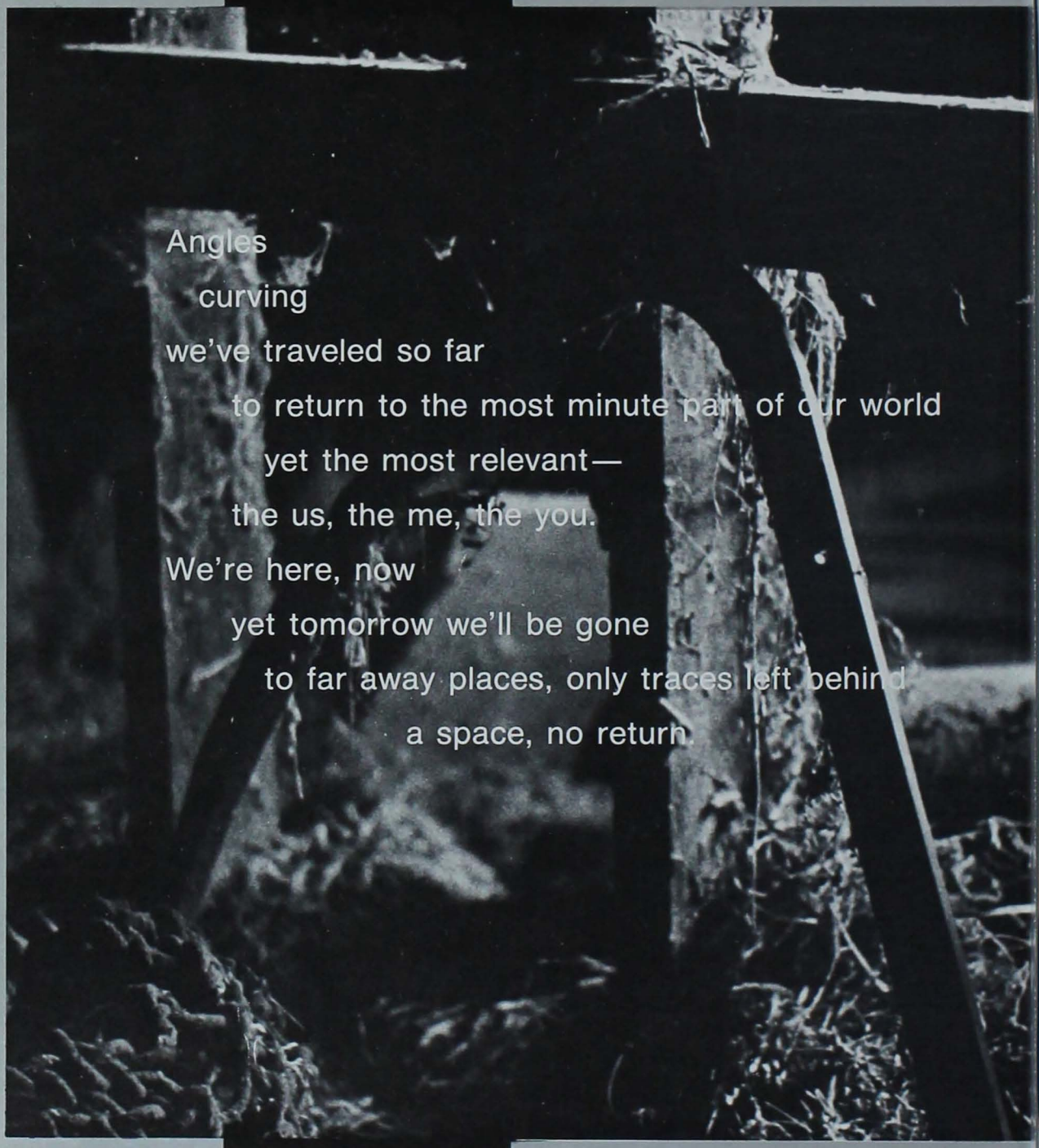
(how we've grown)







photography by John Riches



poetry by Beth Jasper
b&w photography by Bob Stenbe





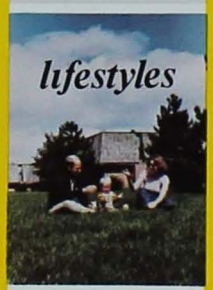


CAPTURE THE INSIDE STORY












Good
Times

The Inside Story . . .

GOOD TIMES

College life is the classic battle between duties and responsibilities and fun and "good times". How many times have you heard words like "this place wouldn't be so bad if I didn't have to go to class." We find ourselves in the difficult position of having many things to enjoy with no time to really enjoy them.

Well, that's the idea behind this magazine. *Good Times* takes all the color, sounds and excitement from the year's events and puts it down in words and pictures.

We focused our attention on the people, places and things that make good times at ISU unique and then tried to carry that mood into our photos, stories and layouts.

Some good times are annual occasions that students mark on their calendars in anticipation of a break in the routine. Residence Hall Week, Veishea, Greek Week and Campus Chest are all traditional good times and were covered with the special attention they deserved.

Other good times are equated with groups who provide entertainment and information for the rest of us to experience. Our writers and photographers were on hand during Engineers Week, Womens Week and Varieties to highlight these activities and people who made them possible.

For some reason the Iowa State football season seems to spark an excitement quite unlike anything else. Besides Homecoming, Migration and Parents Weekend this year featured the highly touted ISU-Iowa game and with that much action going on we just had to see what all the fuss was about. What we found makes up one of the more colorful and interesting portions of this issue.

As strange as it may seem other ISU good times actually involve a learning experience. For that reason we also took a look at the National and World Affairs Weeks and brought back a comprehensive report on what was presented and discussed.

In addition to covering the usual events we've included a pair of features that distinguish this year as a special one.

At first glance it may seem strange to include a piece on the Ames water shortage in a magazine like this. After all, there's nothing pleasurable about not being able to flush or shower when you want.

But at the same time students met the problem with a combination of good humor and novel solutions and so we'll detail what caused the water shortage and the effect it had on students.

And although many stories have been done on the Ledges State Park we felt one more was necessary since the area is undergoing changes that will affect future activities.

So that's it. That's what you'll find in this issue of Good Times. All that's left for you to do is to sit back, prop your feet up, turn the page and experience the "good times" all over again.

-Warren Wolfswinkel
Good Times Editor

Warren Wolfswinkel







Good Times

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ACKNOWLEDGEMENTS Editor: Warren Wolfswinkel Art Director: Cathee Christ Cover: Gerado Gomez Layout: Anne Gross, Barb Kozishek. BOMB 1978: All rights reserved. Publication in part or full prohibited. Office: 128 Press Building, Iowa State University, Ames, Iowa 50011

RHW Celebrate 77

There's a time and place for every group and organization to celebrate, and the residence halls got their chance during "Celebrate '77," the theme for Residence Hall Week (RHW) '77.

This year the "Bread" concert highlighted the celebration, playing many old favorites for the crowd in Hilton Coliseum. It was a night of mellow music including some new hits from David Gates and "Bread." There were 10,653 tickets sold for the concert.

Entertainment ran rampant through the halls during the week, beginning with a performance by "Brave New Workshop," an improvisational group from Minneapolis. Their program, performed in the Sun Room of the Memorial Union, included an attack on problems of America and a satirical look at America's history.

"Butterflies are Free," a dinner theater, was presented by the ISU players at the Towers Residence Association. The dinner menu included steak, shrimp and strawberry shortcake. There were two nights of performances directed by Heather Hogue.

Another entertaining feature of RHW was the Gong Show. The show, held in the Great Hall of the Memorial Union, gave way to lots of hidden talent in the residence halls. Cy served as one of the official judges, flushing the giant toilet when an act was determined unworthy of any more attention. Harriman House (RCA) won first place and a free keg of beer with their barbershop singing group. There were 24 entries altogether.

This year RHW sold "Celebrate '77" buttons for 25¢. These buttons were good for discounts at a variety of restaurants, bars and stores in Ames. They let bearers into Grand Daddy's for free one night to celebrate RHW's tenth birthday.

A dance served as a break from the usual parties. "Genocide" was the lead act.

Approximately 650 high school seniors visited ISU during RHW, a new record for attendance. They were provided with a dormitory room for the weekend and were welcome to participate in the RHW activities. Many of them got tours and free advice from students they stayed with.

One thing they probably didn't hear the Friday night they were here was the regular twelve strokes of midnight from the campanile. A strange song was being played then, at least it was strange to some people, to others it was familiar. The song was "Shenandoah," and was part of the "Name That Tune" contest presented by KPGY radio station in cooperation with RHW.

The contest was "new and improved" this year, with additions such as traveling and fill-in-the-line questions. Fifty-three teams entered and competed for a prize of a free pizza party at Happy Joe's. Lawther (UDA) and Lange (RCA) were the winners in that competition.

Another contest that tested the intelligence of resident hall dwellers was the College Bowl. Fashioned after the old television show, the contest asked questions such as "What is the trade name for polytetraflouroethylene?" (Answer: Teflon) Brown House (UDA) won the contest and $30.

For the athletically inclined, there was the Novelty Intramurals. There were over 12,000 entries with participation in such events as the feather race, phone booth stuff and molasses pour. High school seniors were invited to take part in any or all of the events.

To show off their living quarters and/or talent in decorating, residence hall houses were urged to create open house displays in their dens or hallways. These displays were then judged by a special committee.

Winners were: Lantz and Nuckolls Houses (TRA) with the theme, "Reflections—Celebrate '77;" Harwood House (RCA) with the theme, "Dormies do it all the way in the RCA;" and Hutton House (UDA) with the theme, "Halls are Heaven—Celebrate '77." Themes were designated by an RHW committee.

Three service projects were undertaken during RHW, including the



Egg-a-thon, which raised $500 for Shelter House. And the Salvation Army drive where RHW workers collected such items as clothing, games and food.

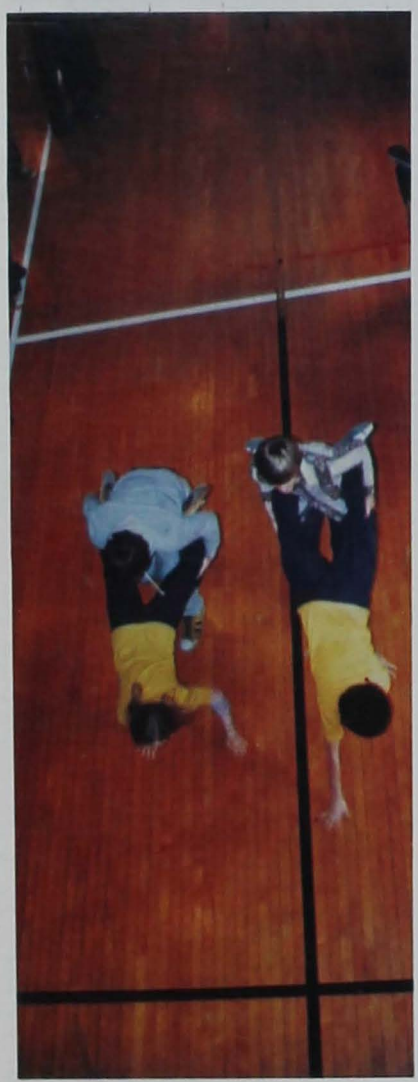
There was also a "Games Galore," a group of games and races for the people at the Woodward State Hospital and School.

Residence Hall Week was very successful in '77, as proved by the large number of participants in every event. Many people were left with many happy memories of what life is really all about in the residence halls. - *Beth Jasper*



(Above) David Gates and Bread played to a crowd of over 10,000 in Hilton Coliseum as part of the kick-off concert. The evening included a mixture of old standards and new releases that pleased the near capacity crowd.

(Below) Music continued through RHW week as KPGY disc jockeys presented a new and improved Name That Tune contest that included traveling and fill-in-the-line questions.



(Left and Above) Tugs of war and wheel barrow races were highlights of this year's RHW novelty intramurals. Other events for the over 12,000 participants were a feather race and a phone booth stuff.





Pulling Together Creates Entertaining Greek Week '77

Although most of the Greek Week '77 headlines went to a costly concert the annual event also provided the traditional activities for high school seniors who visited April 17-23 to observe fraternity and sorority life at ISU.

The dominating event overshadowing this year's activities came when a 60's revival concert/dance failed to produce the anticipated crowds and ended up losing $17,900.

The "Sock Hop at the Big Gym" in Hilton Coliseum featured Chubby Checkers, the Coasters, the Crystals and Wolfman Jack as guest host. Attendance numbered only a few thousand.

However, the other traditional Greek Week activities came off without a hitch.

A torchlight and kick-off parade officially began the festivities with 19 new members being initiated into Gamma



Gamma, a Greek honor society which recognizes high scholastic achievement and contributions to the Greek system.

Perhaps the most important event during Greek Week is the annual blood drive, the largest in the Midwest. The drive, now in its fifteenth year, was done in cooperation with the Red Cross and was held in the Memorial Union's Great Hall, South Ballroom and Sun Room.

This year's goal was set at 3,000 pints but donors only contributed 2,601 pints even though three new blood banks were added this year. That total was 399 pints short of the mark but 401 pints over the 1976 total.

Hospitals from Des Moines, Waterloo, Marshalltown, Fort Dodge as well as Mary Greeley in Ames shared the donated blood.

Over 4,000 plants were offered to students at the tropical plant sale, held at the Memorial Lutheran Church.

A large variety of ferns and figs netted $1,200 that was donated to the Story County Developmental Center and the Cyclone Diabetes Center.

Wednesday night events included an all-Greek function at Granddaddy's and a legislative-administrative dinner function. The all-Greek function featured a chugging contest won by Kappa Alpha Theta sorority and Delta Tau Delta fraternity in their separate divisions.

Rush registration for high school seniors began Friday as the students began piling into various Greek houses. House parties given by nine houses featured themes varying from a New Year's Eve party to a beach party.

Saturday began with the Greek Olympics. Fraternity/sorority teams competed against each other in seven events including everything from a seven-legged race and a pie-eating contest to a car stuff.

Farmhouse and Kappa Delta sorority won the competition.

This year a new event was included in Greek Week. The Greek Week '77 committee and the Alpha Tau Omega fraternity sponsored an Epicology Service Project to clean up the Ledges State Park. Approximately $1,600 was raised through pledges and donations that were given to the Epilepsy Foundation of America.

Other new events added to Greek Week '77 included a Vesper and a choral presentation by fraternity and sorority members.

The final Sunday of Greek Week gave visiting high school seniors a chance to tour the various houses as a prelude to a possible home next year.

Veishea '77: Childhood memories parade through central campus



Through a child's eyes or through the eyes of an adult, the 1977 Veishea celebration offered one of the most colorful sets of programs and activities ever in the 56-year history of the annual event.

Saturday morning of the week-long celebration began with the traditional parade illustrating the theme, "Through A Child's Eyes." Floats were to depict "what children like to see." King-sized Milk Duds and the Wicked Witch of the West rolled along the parade route through Central Campus, delighting a crowd of about 75,000 people who came to witness the nation's largest student-sponsored, student-managed production.

Sunshine and temperatures in the 70s held court for the most popular event of the Veishea festivities, the parade. Highlights of the procession which included 16 floats, 11 Iowa high school bands, 10 novelty marching units and 30 special units were represented by the myriad of winners in the stiff competition.

"Tracking Down Those Childhood Memories" created by Pi Kappa Alpha and Delta Delta Delta captured first place in the unlimited float division. The float included a rotating chase scene involving a coyote and the roadrunner, with a locomotive as the main attraction of the over 65-foot creation.

The float also carried a realistic looking bridge connecting two of the float's islands, supporting characters designed after Warner Brothers cartoon characters. About 15 men were underneath the float manning the moving parts.

Tau Kappa Epsilon and Chi Omega's "Alice Through the Looking Glass" took second place in that same division. The Mad Hatter and the famous Alice in Wonderland tea party were surrounded by 16 walkers wearing card design outfits, depicting the King and Queen of Hearts and their soldiers.

In the large float division, "The Fun of Learning" took first place, created by Beta Theta Pi and Alpha Gamma Delta. Big Bird hung around the lamp post as the Cookie Monster ate the letter "C" on this children's playground complete with monkey bars and the rest of the Sesame Street gang.

Learning was fun, according to Kermit the frog and Bert and Ernie, because they were combining playtime with learning letters of the alphabet.

"Happiness Is . . ." won second place in the large float division, fashioned by the ISU Bible Study. The group was perched on top of a bridge on the float, singing to the music from the live band, while underneath happiness was shown by a small boy and an old man to be fishing and getting away from it all.

Blue and white balloons served as bubbles in a bath tub for "Unfathom-A Bubble-Bath", the first place winner in the small float division. Sigma Phi Epsilon and Alpha Omicron Pi were the creators of this float complete with bathtub, palm tree and pirate.

Second place in the same division was taken by Phi Kappa Psi and Delta Zeta for their float, "Escape With Me to













Veishea '77

An Underwater "FANTAS-SEA", a creation including a huge yellow octopus with moving tenticles.

Float building was a lot of serious, hard work, yet humor wasn't lost amidst the chaos and confusion. The President's Award, given to the float with the most humor, was given to Sigma Kappa and Adelante for "Scary Things at Night," a creation filled with children hiding under the blankets on their beds. Ghost faces appeared from the posters of the four-poster bed.

The float also won the Grand Marshal Award for best exhibiting this year's Veishea theme.

Pi Kappa Alpha and Delta Delta Delta received the Parade Marshal Award for exhibiting the most originality in a float.

Valley High March Masters of West Des Moines was named Outstanding Marching Band and Alpha Gamma Rho and Pi Beta Phi's "What Do You Want To Be When You Grow Up?" was named the best novelty marching unit. The members of the unit wore over-sized paper mache heads that depicted characters children might dream of being when they grow up, such as teachers, doctors, nurses, lawyers and farmers.

Parade marshal for Veishea '77 was Wallace F. McKee, a 1922 graduate of ISU and the general manager of the first Veishea festival in 1922.

Bruce Jenner, 1976 Olympic decathlon champion, was the parade's grand marshal. Jenner waved to fans as the parade wound through its route, and later signed autographs. On Friday, Jenner gave a speech in C.Y. Stephens auditorium about his ascent in the world of sports.

"More Than Meets the Eye" was a very appropriate theme for Veishea '77 as was proved by the many other activities on and around campus.

Outdoor cartoons and fireworks kicked off the event on Wednesday night, with the traditional Stars Over Veishea stage production giving its first performance on Thursday night. This year's show, "Bye Bye Birdie," drew sell-out crowds of 2,700 each of the three performance nights.

Open house displays were dampened slightly Friday due to rain, but the show did go on, as the afternoon brought clearer skies. Displays were prepared by various college and university groups, including an open house and flower sale by the Horticulture Club.

For those brave enough for adventure, Lake Laverne was the setting for the popular canoe races. Although the teams and their canoes didn't actually race, there was a bit of skill involved. Each group of canoers was to see how many other groups they could successfully push into the murky waters of the lake.

And if they could survive that, a street dance Friday night made it all worthwhile. "Lifeboat," a Navy rock band performed for the dance on Central Campus.

Central Campus staged many of Veishea's festivities, including a 42-figure outdoor sculpture entitled, "Spring Fever." The sculpture, created by Dan Thilo and Mark Snyder for the annual Focus awards, was built from lumber and chicken wire coated with plaster bandages.

Inside events were plentiful too in case the weather was too much for some interested spectators. In the Brunnier Gallery in the Scheman Education Building at the Iowa State Center, the Ding Darling display was featured. Darling, famed Iowa artist, was an editorial cartoonist for the Des Moines Register and a two-time Pulitzer Prize winner.

Veishea '77 wouldn't have been complete without the traditional concert Saturday night in C.Y. Stephens auditorium. England Dan and John Ford Coley were the featured group, touching the audience with their popular "Nights Are Forever Without You," and one of their latest songs, "Dowdy Ferry Road."

Mary MacGregor opened the show with a lot of enthusiasm and easy listening music. Her hit single, "Torn Between Two Lovers" prepared the crowd for the rest of the performance.

Endings always come too fast came from a popular song, and the end to Veishea '77 came too fast for a lot of people. The hard work of hundreds of students and faculty involved in displays, demonstrations, performances and float building dissolved into another Monday and the month of May continued.

But the memories and the experiences made it all worthwhile as Veishea '77 became another memoir in the scrapbook of college years at ISU.

-Beth Jasper













ISU-U of I football returns after 34 years!



It was the start of a new series, the revival of old rivalries, the object of numerous slogans and stickers and it involved the whole state in its controversy. It was the first Iowa-Iowa State football game in 43 years and one of the biggest events in Iowa sports history.

It all began with a contract that called for two games to be played in Iowa City, renewing a series that was ended in 1934. In 1970, the NCAA allowed schools to expand their schedules from nine to 11 games. Four more games were added in 1971, also to be played in Iowa City. One was later switched to Ames. Hence began the controversy.

With the increased capacity of Iowa State's new stadium, it was possible under the terms of the original contract, to hold games in Ames.

Iowa State's Athletic Council launched numerous proposals to get a home-and-home basis for the game but



Iowa rejected all such proposals on the grounds that the present agreement was under an open contract and they had no obligation to change the contract. Iowa legislators got into the act, and concerts and lecturers were unsuccessfully used as bargaining tools. Governor Ray wrote to ABC Sports and requested that the game be broadcast regionally. Ticket allocation became a sore spot. Iowa State at first was allotted 1,500, then 5,000, and finally 7,785 tickets for the '77 game. Both schools talked of dropping the series. The Governor finally threatened to intervene if the two schools didn't settle their differences.

Amid all the controversy between the athletic councils and legislators, the fans of both sides took to making up T-shirts, bumper stickers and anything else that a Cyclone or Hawkeye fan could write on. Some of the more memorable slogans were, "It's great to be a Hawkeye." Iowa State countered with, "It's GREAT*ER* to be an Iowa Stater." But the most famous of all was "Herky is a Turkey" which caused the game to be known as "the Corn Bowl."

The Iowa State Government of the Student Body (GSB) sponsored a trophy to go to the losing school's student government president. The trophy consisted of a giant golden corn cob flanked by two golden turkeys. It found its first home in Clarke Bell's office.

Not everything involved with the game was controversial. Members of the Sigma Chi Fraternity of both schools ran footballs from the Iowa State stadium to Nile Kinnick Stadium in Iowa City, a distance of 150 miles. Pledges of $100 per mile from Ames and Iowa City businesses went to the American Cancer Society. The footballs were autographed by the Governor. The balls later were raffled off after the game with the money also going to the American Cancer Society.

Besides the gridiron competition, there was a battle of the bands as Cy's Big Wind and the Hawkeye band tried to better each other on the field at halftime and in the stands during the game. The Iowa State cheer squad took on the Iowa cheerleaders Friday night before the game in a chugging contest and in the annual "bed race" in downtown Iowa City.

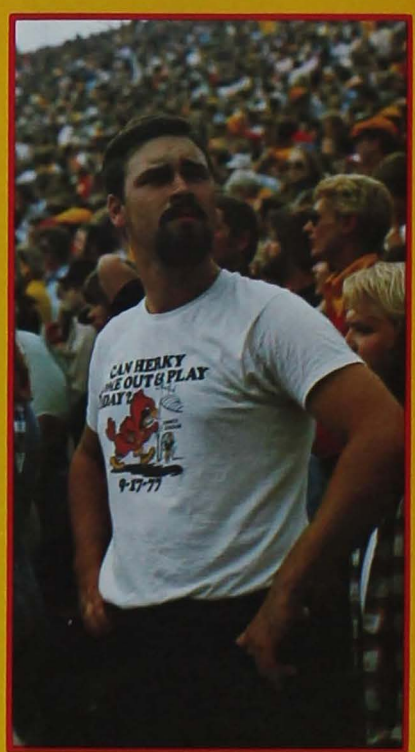
Although there were lots of fans at the game in Iowa City, thousands of fans watched it on TV in dorms, fraternities, bars or wherever there was a set.

The game from '77 is over and the outcome is well known. But the spirit is still there. Even as the game came to a close, fans of both sides talked of '78 and beyond, and it all started over again.

The series ended in 1934 because of the violence on the part of the students that the game's rivalry brought and there was some concern on both sides that things might get out of hand. But as the game got under way and after it was all over, there were few hard feelings; just hope for revenge from the Cyclones and hope for a repeat by the Hawks.

- Kerry Gibson

Cyclone fans began the game with boundless enthusiasm. (lower left) But as Herky and his boys began to take control (upper left) Cyclone fans like Ed Hanson, Farm Op 4, (lower right) had to be content to watch the clock tick away.

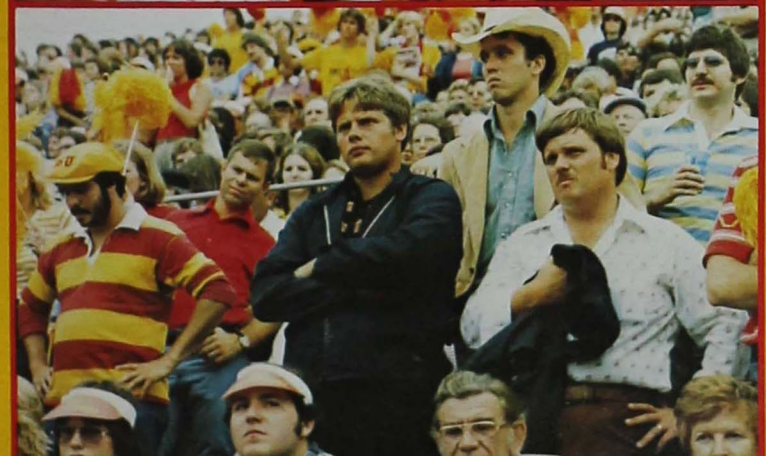



Lee
denims
never die...









Engineer's Week celebrates tenth

A visit by a NASA astronaut, a space shuttle demonstration and a parachute drop over central campus highlighted the 10th anniversary of ISU's Engineer's Week, October 10-14, 1977. Although the event was scheduled during mid-term week and spectator turnout was moderate, organization and student involvement were outstanding.

With the theme "Focus on Innovation" in mind, the planning committee steered away from too much diversification and concentrated instead on smaller areas. All involved were pleased with the overall result, according to E-Week '77 co-chairman Harry Doyle, EE 4. "We were very successful in getting a large number of students involved," he commented. A multimedia ad campaign hit all local TV, radio and newspapers with a big push on the final week before the event.

One big plus this year was special banquet. Keynote speaker was astronaut Story Musgrave, who discussed the space shuttle program and the future of space travel. Some confusion was caused because fellow astronaut Don Leslie Lind was originally scheduled to speak, but had to cancel because of a last-minute emergency.

Both men were backup astronauts on the Skylab project. An astronaut since 1967, Musgrave has several college degrees and has flown more than 60 different types of aircraft. The 100 - member audience thoroughly enjoyed the talk and the hour-long question and answer session that followed.

Even students who had missed media coverage of E-Week became aware that something was going on when a small plane began circling the campus. At the same time students with bullhorns on the central campus lawn announced that the big parachute jump was about to begin. As hundreds of spectators gathered north of the Campanile, three skydivers emerged from the plane to make pinpoint landings minutes later.

Still, E-Week is primarily educational, and so some 25 companies manufacturing everything from computers to heavy industrial items set up displays in Marston Hall. Some were newcomers to E-Week; others have come with their displays every year. Due to mid-terms, turnout at the displays was only fair.

The two "fun" events of the week were also hurt by mid-terms. One was the Paper Airplane Contest, open to all students. Individual prize winners were Larry Dillon, Con E 4, for most original design, Carl Gaul, ME 1, for longest distance flown, and Kevin Kramer, EE 1, for longest time airborne. The organizational winner was Stalker House.

Also open to all students, the Foosball tournament was held at Minsky's Pizza Joynt. Contestants played in two doubles brackets, champion and consolation. First prize- two large pizzas- went to Sadi Alothman, IE 4, and Farid Hamad, CE 3. Second place in the championship bracket was held by Rich



year

Russel, U Pl 3 and Steve Sullivan, LA 3. Winners in the consolation bracket were Paul Giroux, Con E 3, and Sam Segnar, S & H 1, in first place, and Kevin Lynch, Ag B 3, and Jim Stark, An Sci 2 in second place. Although the night was a little hectic, a good time was had by all.

Despite the overall moderate turnout, the student planners agree E-Week '77 was a success. All the buttons and most of the T-shirts were sold, and students all over campus were reminded that engineering students do a lot more than just study.

But the main emphasis of Engineer's Week was education, according to Dave Fisher E Op 3, who was involved with the paper airplane contest. "E-Week doesn't draw the same interest as a "fun" event like Greek Week, Veishea, Homecoming, etc. They are novelty-type events, where E-Week is really a learning experience.

- Ted Lewiston

(Left) Approximately 25 companies representing everything from computers to dynamos displayed their wares to interested students.

(Below) Greg Schroeder, ME 2, took his turn at the table during E-Week's foosball tournament.





(Above) Kevin Kramer, EE 1, works on the design that won his plane the longest flight award in the paper airplane contest.
- John Riches



The battle of the ledges

The story of the Ledges State Park is filled with as many twists and bends as the Des Moines River which flows through it. For more than five years the park has been making news and by now, central Iowans are used to hearing about "the Ledges controversy."

But there is no single, all-encompassing "controversy." Rather, the past five years have been filled with a series of specific squabbles that stretch into the present.

Each conflict has been connected to a preceeding one. The initial trouble began in December, 1972 while the Army Corps of Engineers was working on construction of the Saylorville Dam 11 miles north of Des Moines and about 35 miles downstream from the Ledges.

The dam will provide $92 million worth of flood protection for Des Moines and create a 17 mile stretch of recreational lake for the area.

Problems arose when citizens group, notably the Iowa Public Interest Research Group (PIRG), discovered that backing up the Des Moines river at Saylorville would probably cause period flooding at the Ledges.

But the difference between this natural flooding and the Saylorville back-up was what concerned PIRG in its fight with the Corps.

As a later environmental study of the Ledges pointed out, the natural flooding of the Ledges reaches a maximum depth of 16-18 feet for a period of about 60 days.

However, similar flooding contained by the Saylorville dam would remain in the park for up to 120 days and reach a depth of between 28-30 feet.

The study concluded that while the natural flooding caused great damage to the park, the flood pool made by the dam would permanently destroy the wildlife in the lower Ledges as well as make the much-traveled sandstone cliffs inaccessible.

So the battle lines between PIRG and the Corps were set and the Iowa Conservation Commission found itself in no man's land. On one hand it was pledged to protect the Ledges park, and on the other, it wished to develop the Saylorville lake and park.

By the summer of 1973 the Commission had made its decision in favor of the Saylorville park.

PIRG fought back by demanding the environmental impact statement required by federal law before any more construction continued. The Corps

refusal to comply brought the matter to federal district court. An out-of-court settlement was reached in which the Corps agreed to produce the statement but was allowed to continue construction while doing so.

The pro-Ledges forces would have been out in the cold except it was now the summer of 1974, election time.

PIRG launched a massive mailing campaign directed mainly at Gov. Robert Ray. Ray, influenced by the numerous letters (the only issue receiving more mail was abortion) announced a compromise plan that would allow the water behind the dam to escape faster and would keep the lower Ledges under water for less time, decreasing the threat to plant and animal life in the area.

But both PIRG and the Corps rejected the plan, and PIRG began pushing a bill in the Iowa legislature for a barrier dike between Saylorville lake and the park.

When the dike bill was defeated by the Senate, its supporters were forced back to the governor's plan as a second choice.

The Corps also endorsed the compromise. However, in November, 1976, two months after the dam was completed, it announced its "interim plan" which was a re-hash of the original plan.

PIRG immediately charged a breach of faith and a two-year negotiation session between the two groups followed. The governor's office acted as mediator.

During the negotiations the dam stood completed but unused until an agreement was reached on April 12, 1977. Under the tentative agreement the dam will provide additional protection for the Ledges, if necessary.

With the activation of the dam, state conservation officials hoped their Ledges problems were over They were wrong.

As Randy Jensen, commission planner for the Ledges park, said, "Right now the Ledges have gotten more manpower and money than anything else and we still can't seem to please anybody."

The more recent problems at the Ledges are a direct result of the initial controversy concerning Saylorville. The dam will still occasionally back up water right up to the edge of the actual Ledges formations during serious floods.

A State Conservation Commission study showed that peak flooding will flush through the lower levels of the park about every 100 years, wiping out the picnic area and doing massive damage to the concession stand and ranger's residence.

Rather than go through the expense of rebuilding the park after these major floods the commission has opted to change "the emphasis of the park from the traditional uses such as picnicking and camping to education and interpretation." (from the commission master plan for the Ledges, 1977.)

Translated, that means the commission is planning to alter the park so that the lower levels will no longer be the dominant feature.

The commission plan would increase park size by nearly 400 acres with the new land being located at higher elevations northeast of the present park boundaries.

The new lands would include a visitor services center, a soundproof shooting and archery range, increased camping and picnic areas and new trails, bicycle paths and roads.

But the new plan for the Ledges appears to be a tradeoff. The area that lies in the lowest portion of the flood plain is termed a "playfield" in the new master plan. Jensen said there are no specific plans to preserve this area because of the floods that threaten it.

One of the things that Jensen said doesn't belong in the Ledges State Park is the canyon road used by drive-through visitors to the park. He said the flow of cars through the park disrupts the park experience for pedestrian visitors.

The road was closed in 1974 after being damaged by a flood. Rather than repair the road the commission closed it to all but tourist bus traffic.

This upset state Sen. John Nystrom (D-Boone) who sponsored a successful bill to reopen the road through September and October. Nevertheless, park attendance figures have dropped from a 1973 high of 511,000 to 129,000 last year.

Jensen admits the attendance has dropped but says those who no longer use the park are "one-time through pleasure drivers who spoil the park experience for other users of the park."

He added that Nystrom is basing his statements on pure emotion because most of those pleasure drivers come from his district.

Jensen said, "With the new additions the attendance figures are expected to rise again, but this time we'll have a park that can handle them."

The canyon road is not only aspect of the remodeled park that could cause problems for the commission in the future.

A survey of land deeds in the Boone county auditor's office shows that the area proposed for the new facilities is owned by five private landowners who are being threatened with condemnation proceedings by the Corps in order to obtain their land for the conservation commission.

The Corps has begun appraising the land and will turn the land over to the state conservation commission.

But Les McIntire, who owns nearly 20 acres of the land in question, says he won't accept the offer made him by the Corps because the price is unfair.

McIntire said the Corps appraisers didn't consider water rights on the land (the only source for his cattle), the scenic value or a grove of walnut trees which he says could earn him $10,000 a year if he cultivated them.

McIntire said, "It's a big joke. I bought this place as an investment, as a place to give to my kids and now it's going to be taken away. How do you beat the government? You really don't own your land. If the government wants it, they take it."

McIntire speaks for what he calls the whole "tribe" of farmers and land owners who stand to lose from the Corps action.

John Herman is well past 80, partially crippled and "had hoped to be carried out of his home."

Under the Corps plan he will lose that home and the 140 acres surrounding it. Herman said he is still negotiating with the Corps representatives but is "not very happy about any of it."

W. K. Doran, a Boone attorney who owns 205 acres, said that five years ago the Conservation Commission condemned some of his land and promised it wouldn't need any more.

So far only one member of the group has sold his land to the Corps. Harold Adams sold his 20 acres of timberland near the Stage Game Farm for $27,650. Adams said he had worked for the conservation commission 18 years before retiring and buying the land. But he said he understood even then that the park would need his land someday.

Not all of his neighbors are that understanding. As Doran said, "If we can all get together on a price . . . fine. If we can't there's going to be a trial.

And that trial, if and when it occurs, promises to be the next big "Ledges controversy."

—Warren Wolfswinkel

Campus Chest features carnival

"Aim for Ames" marathon, a plant sale and a carnival highlighted Campus Chest Week '77, Oct. 3-9. The theme upon which the various events turned was "You're the Key" (to Campus Chest).

First started in 1953, Campus Chest tries to raise money for selected worthwhile causes. Since that beginning, Campus Chest has raised a total of $185,903 to put towards that end.

The longest running activity, from Oct. 4-7, was the plant sale held at Memorial Lutheran Church. Over 2,300 plants were sold including: Jade, Yuca and Rubber plants, Philodendron, Dracena, Norfolk Island pine, Swedish Ivy and Sansavaria.

A tea in honor of Mrs. Robert Ray was held at the Knoll on Tuesday afternoon, Oct. 4. Guests, by special invitation only, were from various women's clubs and organizations. The afternoon included an informal fashion show as well.

Campus Chest's bar night was held in Campustown on Oct. 5. A $1.00 cover charge allowed you into the Cave Inn, Cy's Roost or the Alibi of Ames. While all three offered 25¢ draws all night, each bar also featured its own special type of activity. There was a limbo contest at Cave Inn, a disco dance contest at Alibi and a gong show at Cy's Roost. Prizes were awarded at each event through the courtesy of local beer distributors who also gave a keg to each male and female house with the most participation.

This year's carnival was put on by Baumann Midway, Oct. 6-8, but due to rain and cold temperatures wasn't open the entire time. Rides included a ferris wheel, merry-go-round, bump cars and kiddie rides.

Campus Chest sponsored about 10 booths and concessions at the carnival as well. The booths, while mostly games of chance, also offered a drinking tank and an opportunity to "Put your friend in jail." Concessions offered such typical carnival fare as hot dogs, popcorn and cotton candy.

At the Saturday's Missouri Game Campus Chest participated in announcements during the halftime activities. A history of Campus Chest, as well as an outline of events and charities was presented.

On Sunday, Oct. 9, marathoners started at the Capitol building in Des Moines and "aimed" for the steps of Beardshear, about 20 miles away. Kickoff from the Capitol was at 8:45 A.M. and featured Rep. Reid Crawford as the speaker.

The six different groups of participants each collected pledges before they left. Modes of transportation included a fire truck, a flat bed truck with a twister board aboard, and a covered wagon pulled by marathoners. One group made the trek in jeeps, dressed in the appropriate army attire, and another, a group of fraternity pledges, ran the whole way, taking shifts.

Groups were judged on 5 different categories: participation, costume, safety, originality and amount of pledges raised. Points were then given for each category and added up for overall winners, who were: 1. Sigma Phi Upsilon pledge class; 2. Phi Kappa Alpha and Alpha Sigma Phi; 3. Delta Tau Delta and Kappa Delta; 4. Greene House and; 5. Phi Delta Theta pledge class.

The first place winner received an FAC at That Place, second place received 20 large pizzas from Minsky's and third place received an FAC at Reflections.

Tickets for a stereo raffle were sold by Campus Chest all during the week with a drawing held on Sunday. The $500 system, including a Pioneer SX 450 receiver, a B.I.C. 299 turntable, and two Kenwood speakers, was won by Cathy Schmit, a resident of the Towers.

Campus Chest sponsored a major book drive throughout the week as well, aimed towards ISU professors who'd collected books which they no longer wanted. The books were then bought by a firm, with the resulting money given to charities.

Campus Chest and the Iowa State Center, presented Seals & Crofts in concert on Oct. 14 at 8 P.M. in Hilton Coliseum. Special guest for the concert was Franklin McCaire, a guitarist who played a wide variety of music.

The charities towards which all the collected money will go include: the Ames Community Preschool Center, Appalachia Relief, Black Cultural Center, Easter Seal Society, ISU Speech & Hearing Clinic, Promise, Inc., Shelter House & Youth House and the YMCA.

- Sue Eckert







Earl and Helen Maxwell preside over 1977 Parents Weekend

Each fall ISU students take a week end to show some very special guests some "milkmaids", the Cyclone football team in action and perhaps an Ames restaurant just as a change of pace from the everyday fare.

The guests are students' parents and the event is Parents' Weekend. Thousands of parents came to Ames Sept. 30 and Oct. 1- some probably to see just what all that money is going for, but most came for the fun of it.

Activities began Friday night with the annual Milk Maid contest. Sixty-four ISU coeds representing various houses were judged in four categories: affection for the cow, the amount of milk collected, costume, and the amount of house support each girl received.

Finals were held the following evening with the overall title going to Harwood House for the third year in a row. The Harwood milk maid, Arla Klimesh, took first place both for her costume and house support. Julie O'Brian of Sadler House collected the most milk and Anita Schmidt, backed by Busse and Firkins Houses, took first in the affection category. The combined audience for both nights was more than 3,200.

Other Friday night activities included a show by the ISU Dance Company, the film "The Man Who Would Be King" starring Sean Connery and Michael Caine, and a performance by the jazz group "Ambivalence" in the Maintenance Shop.

Saturday's activities began with a Cyclone breakfast in the Cardinal Room of the Memorial Union. Carl Hamilton, vice-president of information and development welcomed guests as they arrived. Honored at the breakfast were Dr. and Mrs. Earl E. Maxwell, Parents of the Year for 1977.

The Maxwells, both graduates of Iowa State, were nominated for the honor by three of their children who are students at ISU. Stee, 23 is a senior in veterinary medicine; Chantry, 21, a senior in English and history; and Tad, 19, a sophomore in animal science and agricultural business.

Dr. Maxwell, a veterinarian and firm manager, graduated from the College of Veterinary Medicine in 1949 and his wife, Helen Louise (Logan) Maxwell, received her B.S. degree in child development in 1951.

The Maxwells are active in the ISU Alumni Association and the Order of the Knoll. They are also supporters of the J. E. Salsbury Foundation and the ISU Achievement Fund drive for the College of Veterinary Medicine.

The Maxwells were guests of honor at a noon barbeque held in the ISU Center courtyard and the Burl Ives concert held in C.Y. Stephens Auditorium Saturday night. They also received special introductions during halftime of the ISU-Dayton football game.

A pep rally before the game featured the ISU cheer squad and pep band. The rally was held in conjunction with the barbeque in the courtyard.

Later the Iowa State Cyclones took to the gridiron against non-conference foe Dayton but had some trouble defeating the inspired Dayton team. But the Cyclones managed to put together a scoring drive late in the third quarter after trailing at halftime, 10 to 3. The final score was 17-13 in favor of the Cyclones, giving ISU fans a chance to celebrate at the various victory parties following the game.

Saturday night's activities were highlighted by the Burl Ives concert and the second edition of the Milk Maid contest and an encore performance by Ambivalence.

Sunday's activities included campus tours centering on the newly renovated Farm House. A carillon concert by ISU carilloneur, Dr. Richard Von Grabow provided background music as students and parents walked about the campus.

After the tours came the good-bys and the reminders to "take care of yourself" that have probably closed every Parents' Weekend since its beginning.

- Kerry Gibson

(Left) Earl and Helen Maxwell, 1977 Parents of the Year were guests of honor at many events during Parents Weekend on the ISU campus.
ISU Photo Service



Women's Week 1977

This year Women's Week included examinations of various facets in the lives of women.

Many of the activities revolved around the role of health in a woman's life. Topics ranged from "Responsible Drinking and You", The Politics of Food", weight control advice and a special demonstration of cardio-pulmonary resuscitation techniques.

Rape alert and assault and abuse defense workshops were also featured.

Another workshop called "Not in God's Image" looked at the oppressive effects of church teachings about women and the negative self-image created by those teachings.

One of the dramatic highlights during Women's Week was the play "Voices" by Susan Griffin.

The warmly received play was performed by five members of the Ames' Women's Theater. Each character gave her dissertation on the ironies and controversies of being a woman in the 1960's and '70's.

Each of the characters was very different from the others but their speeches were linked by the many common problems of women.

The characters ranged from a bold, middle-aged divorcee discussing the



(Left) The Women's Week production of "Voices" portrayed the different lives and common problems of five female characters. **Odell Mitchell, Jr.**

death of the American family to an adventrous young girl searching for the ultimate reality.

The monologues delved deeply into humor and tragedy in each character's life and by the final scene all the characters were hearing voices of the others and were led into dialogues and eventually into total interaction and expression of ideas.

Another talent highlight was the Mary Watkins/Holly Near concert. The show was different because Near made a point of including the audience in her songs by explaining how she had developed the ideas for the songs and which people had contributed to the compositions.

Watkins, though not as outgoing, had the ability to bring women's experience to the keyboards with strength and grace.

Both musicians blended well with the Women's Week theme of "Becoming and Being" by displaying their outstanding musical talent and lyrical expression.

Women's Week also concerned itself with serious exploration of the problems faced by American females.

Dr. Carolyn Sheriff, a social psychologist from Penn State and the key speaker for Women's Week discussed a process of re-examination for women in her talk about "Our Bodies and Our Changing Selves".

Dr. Sheriff believes that "far too much emphasis is placed on a woman's appearance and her acceptance by men." She stated that much of this problem starts in adolescence when experience is making people into what they will become as adults. She cited studies that show greater stability in male oriented status and more stereotypes placing restrictions on how far women can advance.

"Women need to actively participate in changing notions of what constitutes success," Dr. Sheriff urged. She is worried about the ways in which many women downgrade themselves. This stems from the views men and women hold of each others outstanding traits such as "unemotional competency" which is accredited to men rather than women.

She mentioned that the self-blaming tendencies of women in early literature were not caused by men or society but by the attitudes "we participated in ourselves," Dr. Sheriff also commented that "it does not make sense why, in a country where 'mom' is so important, that this major person in the family can be so downgraded." She feels that more women need to come together "to re-evaluate what they are."

There is no reason, according to Dr. Sheriff, that can justify why women have so much fear in this society. These injustices are too easily tolerated by both men and women. Dr. Sheriff said she, "doesn't think that women are to blame for the problems in the world but that we lack confidence to carry through with our actions."

Though she is excited about the headway the women's movement has made in the past 20 years, Dr. Sheriff believes that "the traditional roles of women are so valued that total change will be a long time in coming."

"The most effective change," she feels, "will occur when women learn to appreciate themselves as equals to men so that historical stereotypes will be abandoned forever."

- Marla Glenn





(Clockwise from right) Homecoming's Friday noon pep rally included inspiring words from coach Earle Bruce, cheers from the students, cheerleader acrobatics, free tickets for the crowd and skits by various groups.









Homecoming '77: popular innovations add spark to annual events

A mass midnight campaniling complete with jellybeans . . . a twisting snake and the burning of the Kansas Jayhawk . . . hundreds of free food and drink tickets falling from the sky.

This combination of new activities and annual traditions highlighted this year's ISU Homecoming.

"Cy's the Limit" served as the theme for Homecoming '77. New events such as the midnight campanile contest and a Cy Hunt combined with the usual lawn displays and Yell Like Hell Contest to provide something for students and alumni who swarmed over the campus Oct 28-29.

Homecoming events chairman, Jeff Shugart, said the new events were added to Homecoming festivities in order to make this year a special occasion for everyone involved.

Sunny skies prevailed over most of the weekend and things were particularly bright for the Cyclones as they rolled to a 41-3 win over the Kansas Jayhawks Saturday afternoon. During half-time lawn display winners and Cy's favorite alum were announced.

The alum award is given to honor an individual who demonstrates outstanding devotion to the university and its program of intercollegiate athletics. This year's choice as Cy's Favorite Alum was Herman T. Holmes, a Newton farmer and 1932 ISU graduate.

A lifetime member of the ISU Alumni Association, Holmes has also been director of the National Cyclone Club for 20 years.

Winners in the lawn display contest were divided into three different categories. The first was the novelty division won by Sigma Alpha Epsilon and Kappa Kappa Gamma for their display entitled "We've Had Our Yesterdays, Let's Kick the Jayhawks Into Tomorrow."

Second place in the novelty division went to Kappa Sigma and Chi Omega for their display featuring a newspaper page with a headline reading "Cy's-berg Arrives—Stops Jayhawks Cold."

In the small animated category Sigma Phi Epsilon and Delta Zeta captured first place with a display theme of "Recycle the Jayhawks." Farmhouse and Kappa Delta won second place with "A Future Cyentist Cuts 'Em Down to Cys" featuring a large Jayhawks being transformed into small Cys.

First place in the large animated division went to Tau Kappa Epsilon and Alpha Delta Pi for their display, "Cy's Piece of the Rock." Second place was won by Delta Upsilon and Alpha Zeta Delta for "Claw Wars", a theater-type production based on Star Wars."

Other competitions and winners included storefront window painting, Harwood and MacDonald Houses, first; banners, Lawther and Halsted Houses, first; and mobiles, Sigma Chi and Kappa Alpha Theta, first.

According to Shugart one of the most popular new events was the midnight mass campaniling contest. The very non-competitive contest included about 1500 people, most of whom managed to hold kisses through all 12 strokes of midnight in a parody of the ISU tradition.

Spirited music by the ISU Pep Band provided the background and participants and spectators joined the band in the Iowa State Fight Song while members of the Homecoming Central Committee handed out jellybeans as a finishing touch.

Another popular event was the Friday noon pep rally on central campus, a traditional Homecoming event which was given a new twist this year as concert and food and drink tickets were dropped on the crowd from a hot air balloon.

About 5,000 people cheered with Coach Earle Bruce and the ISU cheerleaders and watched the finals of the Yell Like Hell competition as they waited for the drop of 4,500 tickets.

First place in the Yell Like Hell contest went to Phi Delta Theta and Gamma Phi Beta for their rendition of "C. B. Bee", a skit featuring a kazoo band of bees. Second place was awarded to Sigma Alpha Epsilon and Chi Omega and their skit, "Wizard of Cy."

Music and entertainment of varied kinds flowed from the Iowa State Center during the week end. Crosby, Stills and Nash rang the rafters of Hilton Coliseum Saturday night as they performed new and old hits including their latest singles "Just a Song Before I Go" and "Dark Star."

Benny Goodman filled C.Y. Stephens Auditorium Friday and Saturday nights while Fisher Theater housed "The Threepenny Opera", a play focusing on a band of thieves led by Mack the Knife during Queen Victoria's coronation.

Other Homecoming events included a bonfire and snake dance as a warm-up for the football game; a Cy Hunt, a search for a tiny stuffed Cy with a $50 reward and a powderpuff football tournament open to all female students.

Saturday a pre-game tailgate party was held to get fans together and a Sunday morning Alumni golf tournament rounded out the Homecoming '77 activities.

The consensus of participants in this year's Homecoming activities was that the attempt to combine innovation and tradition into a special event was a true success.

-Beth Jasper

World Affairs Week spotlights South Asia

Exhibits, guest lecturers, panel discussions, films and cultural presentations were all a part of the 1977 Institute On World Affairs held December 3-14 at ISU. The Institute chose South Asia as the geographical focus with the theme, "Human Dignity: Survival or Disaster?"

Over-population, poverty, hunger, power and democracy were the South Asian issues addressed by the Institute's guest lecturers. Also featured were exhibits of the art, culture and religion of South Asia. One display at the Scheman Continuing Education Building included Indian brasswork, textiles, native dress, stone and wood carvings and paintings by Jamini Roy, all from India.

Due to the illness of scheduled keynote speaker Norman Cousins, the Institute's keynote address was given by Dr. Robert Muller, Deputy Undersecretary-General for Coordination of International Affairs for the United Nations. Muller centered his address around world transformation which he termed, "the birth of global collectivity," a force which is causing us to become universal citizens.

Preceding Dr. Muller was Dr. Luke Lee, an international authority on population law. Economic and social rights were subjects of Lee's speech in which he highlighted the need for compulsory rather than voluntary family planning.

Madhav Kamath, U.S. correspondent for the Times of India, added his experiences to the week with his speech on affluence, poverty and hunger in Southeast Asia. Kamath stated in his speech that poverty and hunger have been combated in the world yet still lacking is the political will to wipe it out.

Minority treatment was a major topic from a speech presented by Dr. Gurcharan Singh, member of the political science faculty of the University of the City of New York. In his speech, Dr. Singh said that the majority culture focuses on social categories while the minority focuses on its own identity.

Big power rivalry was the topic of a speech given by Neville Kanakartne, Sri Lanka's ambassador to the U.S. He focused his speech on the point that third world powers should detach themselves from big power rivalry if they wish to enjoy peace.

Economic policy was the theme of a speech presented by Chakravarthi Narasimhan, Undersecretary-General for the Inter-Agency Affairs and Coordination at the United Nations. Narasimhan emphasized that there must be strong agreement on economic policy otherwise no Southeast Asian country will advance as in the past.

A highlight of the week was a panel discussion which focused on "Voluntarism vs. Compulsion: The Population Issue." Panelists included Lee, an international authority on population law; Dr. Deborah Oakley, who attended the U.N. World Population Conference in Bucharest and studied birth-planning in the People's Republic of China; and Bruce Stokes, director of Outreach and researcher with the Worldwatch Institute.

Cultural presentations also added extra interest to the week's events. A native dance of South Asia performed by Indrani Rheman and Company added festivity to the week. The Institute also included a dinner of native foods and a film of dance presented by MYCE Baar, a weekly gathering of American and foreign students. *—Jeanne Handorf*



(Right) Native dances performed by Indrani and Company were part of the cultural presentations that were part of World Affairs Week.
John Riches



Kristin Anderson, craftswoman in metals works on a project as part of the art presentations on the ISU campus
John Riches.

National Affairs Week examines art in America

In recent decades art has gained new status and recognition. The increase in public awareness of the arts, the issue of federal and state funding, new trends in design and the establishment of the College of Design at Iowa State led to choosing the theme, "Art In America Today: A Public Matter," for the Institute on National Affairs Week, January 22-27.

Ron Bladen, creator of controversial sculpture, opened the week with a slide presentation and a lecture entitled, "Artists: How Do They View Their Work?" Bladen, who builds huge sculptures for outside display said that in planning a work he considers the building and the environment. Ideally, he said, the landscape architect, the building architect and the artist should get together and plan the approach to the project because it requires compromise on all parts. He also said that the immense size of his sculptures causes many problems, but he added that everything he designs has "the safety of the piece and the person" in mind.

Keynote speaker, Michael Straight explained "Why Taxpayers Should Support The Arts." The acting chairman of the National Endowment for the Arts said that although money allocated to the Endowment is well spent, legislation currently prohibits a great deal of money being used for Endowment purposes.

Straight said it then becomes necessary for the Endowment to request private funds as well as public money in order to survive.

Harold Rosenerg, art critic for *The New Yorker* magazine, spoke on "The Critic and Art." Rosenberg said there are three types of artistic criticism: criticism that regards art as ideas, criticism that regards art as objects, and criticism that sees art as a creative act. Rosenberg said many people expect a critic to tell them "How will it look to my friends if I buy it? How much is it worth in cash? or How much will I make if I buy it?"

John Kouwenhoven, author of *Made in America*, presented a slide show and lecture on "The Interaction of Technology and Art in Photography". He explained that photography is the most public art available but many say photography should not be considered an art because it depends on technology. Kouwenhoven's position is that photography is a technological development used for artistic execution.

In an unusual slide presentation and speech on "Art in Public Places/Environmental Art," Paolo Soleri entertained a crowd of nearly 400 persons. Soleri is a pioneer in "archology" which is a method of constructing entire cities to blend with and protect the environment.

Soleri said that man is basing his habits of living on greed and destruction. He also said that we consume too much, are encroaching on the environment, polluting too much and segregating ourselves from everything around us, making new cities vital.

Other presentations during the week included craftspersons who exhibited their talent and art on the ISU campus. They were Roberta Kremer, working with fiber; John Meyers, craftsman in wood; Mary Weisgram, who worked with clay; Kristin Anderson, craftswoman in metals; and Audrey Handley, artist-craftswoman in glass.

Two collections of art were also on exhibit during the week. The Pappajohn Collection displayed in the Brunnier Gallery in the Scheman Continuing Education Building included works from Robert Rauschenberg, Robert Motherwell, Claes Oldenberg, Andy Warhol, Jack Beal and other contemporary artists. The works exhibited were paintings, sculpture, prints and multiples.

An eskimo print exhibit was also displayed in the Pioneer Room of the Memorial Union. The exhibit consisted of twenty-six soapstone prints from the Pangnirtung Fiord Cooperative.

- Jeanne Handorf

And then the rain came . . .





This year's Migration theme of "Stormin' to Norman carried a double meaning. As the Cyclone fans rolled into Oklahoma so did the storm clouds. But even without the weekend rains Migration would have been a wet event.

Activities began Tuesday night, Oct. 18 with a pre-Migration pep rally in the Great Hall of the Memorial Union. The following evening was designated Migration Night at the Alibi of Ames where a "Stormin to Norman" T-shirt meant free admission.

The main body of ISU backers left Ames Thursday night in a caravan of buses, motor homes, pickup campers and cars-all bound for the University of Oklahoma campus.

The caravan made several passes through streets around the ISU Center, the first keg was tapped and the trip had begun.

(That first keg lasted almost to Des Moines.)

The first Iowa Staters arrived in Norman around 9 a.m. Friday. They were followed by a steady trickle of fans throughout the rest of the day and night. The main body in the Pep Council bus was delayed in Emporia, Kansas while a flat tire was repaired.

When they arrived at the Norman Ramada Inn most of the travelers promptly collasped in a lobby chair while others managed to catch up on lost sleep in their rooms.

But by early afternoon the group had snapped back to life as they gathered around the motel pool.

The rest of the day was open to explore Norman and the OU campus. F.A.C.'s warmed up at two of the most popular OU bars; The Jockey Strap and Winchesters'. Both bars were distinguished by Coors on tap, a favorite of the ISU group.

The theme T-shirts came in handy again as the local MacDonald's handed out free french fries to those wearing the white and red shirts on Friday afternoon and after the game.

Friday night the Pep Council held a "Stormin to Norman" party for the transplanted Iowa Staters. The 11 p.m. party was scheduled to run until 5 a.m. but by 3:30 only the most dedicated of the party goers remained, finishing off the remainders of the large quantities of beer and munchies supplied through the evening.

Suprisingly, by 10 a.m. Saturday a large crowd had gathered in the motel parking lot for a pre-game fire-up where the beer again flowed freely and students and alumni mixed just as easily.

The cheer squad and Cy were on hand to get the assembly ready for the parade to the stadium and the game.

Sooner fans streamed past the group

in motor homes, their freon "Sooner Boomer" horns blasting away.

At 11 a.m. Cy led the parade on its way but a few minutes later the first raindrops began to fall.

But the rain failed to dampen spirits as the fans chanted and sang through the shower.

Some took the opportunity to let their presence be known by turning the red and white OU flags along the street upside down. A sign at a bank reading "Welcome OU Dads, Beat ISU" was condensed by ISU fans to read "Welcome ISU."

But most of the fans were well behaved and the only damage was that done to Sooner pride.

The marchers were thoroughly drenched by the time they reached the stadium. A brief rally outside the gates had the fans chanting "Beat OU" until it echoed under the stadium seats.

The rain continued as the game began. The red and gold pom-pom shakers that had been passed out to the crowd were turned into wet globs that spattered red and gold dye on the fans below.

The first half of the game belonged to the Cyclones both on the field and in the stands. The band struck up the Iowa State fight song after each successful play and the ISU fans spent most of the time on their feet cheering.

At halftime Cy's Big Wind and the pride of Oklahoma-Sooner Band engaged in an entertaining battle of the bands. Later, the OU bands brought out several cases of apples and distributed them to their ISU counterparts.

During the second half Oklahoma's backfield proved to be too much for the Cyclone defense which lost nose guard Ron McFarland to a knee injury. The game ended with the Sooners on top 35 to 16. But afterwards many Sooner fans were heard saying things like "Good game you guys, you had us scared for awhile."

The long, rainy walk back to the motel was strewn with soaked and ragged pom-poms and bits of red and gold paper floated in the puddles.

Many Iowa Staters thumbed rides with obliging Okie fans. In fact one driver said he made two trips with the rear end filled with cold, wet, shivering Cyclone fans.

Saturday night found most of the group drying out in front of the television watching the movie "Little Big Man." Coors beer was again in abundance but now the crowd was much more subdued.

The long trip home began the next morning at eight. The rain continued to fall all the way back to Ames, most caught up on lost sleep.

By 8 p.m. most of the travelers were back home and telling all their friends about "Stormin' to Norman."

—Kerry Gibson

(opposite page) Cyclone fans came to Norman, Oklahoma fired up and ready to do battle. (Below) But the rain and injuries dampened the hopes of the ISU migrants.
Kerry Gibson









KQ celebrates tenth year

As tradition goes, the first weekend of winter quarter was reserved by students living in the residence halls for Kaleidoquiz '77.

To the students of the 71 participating teams, the tenth annual KQ was 26 hours of digging for the answers to almost 200 questions asked over the air by KPGY.

The team of Fisher-Nickell and Schmidt won with 9300 points. Spinney house has won the past two years but took second place this time with 9000 points. The third place team with 8750 points was Lange-Vollmer.

To break up the monotony, celebreties such as sportscaster Jim Zabel and Governor Ray asked some of the questions. Among the questions asked were "Who wrote the theme song for "The Gong Show?", "What is the altitude of Nome, Alaska?" and "Who was the 1936 Miss Hungary?"

Included in this marathon radio quiz show were three traveling questions. The one off-campus traveling question sent hundreds of students to the town of Randall in search of the wording on a sign above a school house.

One of the on-campus traveling questions required students to count the number of parking meters in one of the parking lots.

The credit for putting KQ together goes to co-chairmen Jeff Grobes, Scott Ogren and Tim Trumble. They spent three months preparing and organizing KQ '77. According to Grobes, everything was well organized including KQ's production, advertising, arrangement of students to answer the phones, but the preparation of the questions to be asked was a problem.

Many of the questions had to be made up, but they worked out well, Grobes said. About six or seven questions had to be thrown out for various reasons which is about average, he said.

Those indirectly involved with KQ also had some preparing to do, namely the library. As a safeguard, the staff of the reference department hid the reference books about three weeks before KQ until it is all over. In the past these books were taken illegally from the library to be used for KQ.

KQ did not start out to be as complex as it is today. ISU alum Craig Spear was responsible for its origin in 1967. He was a disc jockey for the student radio station then called KISU. As a Telecommunicative Arts project he asked trivia questions to the listeners and gave them hints to encourage callers. The first year using co-ed teams was 1973. From that point KQ expanded until today it is the longest radio program in the world.

-Sue Plantz



(Top) Members of Elwood house answer questions from their den. (Above) Bill Lundstrom mans the mike during Kaleidoquiz '77
John Riches

University wells, student cooperation fight water shortage

A major concern for the city of Ames and Iowa State University this past summer and fall was the water shortage. It was due to a severe drought that central Iowa experienced during the early and middle part of the summer.

Ames residents and ISU students attending summer school both felt the effects of the water shortage during the summer months. Everyone was urged to conserve as much water as possible by limiting the amount used in their homes.

The Ames city council also became involved by passing several ordinances affecting the use of water which had reached an all time low of 4.5 meters (15 feet) during early summer.

The first ordinance passed came June 7; prohibiting the non-essential use of water by residents. As a result, water consumption dropped from 27 million to 23 million liters (seven to six million gallons) a day.

Even though demand had decreased the water supply hadn't increased during early July. By the 25th the city council had passed a new ordinance which stated: (1) a premium rate of 7.5 cents per cubic foot charged for water used over an established base volume (2) prohibition of specific types of water use including tap water to irrigate lawns, wash cars privately or commercially, or to fill private swimming pools. A clause for appeals was also included for those who felt the ordinance shouldn't apply to them.

The university also undertook measures to curb water use. Methods such as recycling water, shifting from city wells to ISU wells, installing "reduce flow" devices on shower heads and water faucets and discontinuing the watering of outdoor plants and the golf course were employed for the cutback. By using these measures ISU was able to save the city 4 million liters (one million gallons) of water per day.

With all efforts combined the water level gained one meter (three feet) between July and August. Extra aid also came from pumping water from Hallet's Quarry into the Skunk River, thus raising the ground level.

As soon as the water level had stabilized, concern over shortage again grew due to returning students in the fall. ISU officials at one time even considered delaying the beginning of fall quarter for a couple of weeks.

Many students living in residence halls, Greek houses and off-campus faced some inconveniences in order to conserve water. These ranged from taking shorter showers and washing fewer loads of laundry a week, to bringing fewer plants to school.

Kathy Stewart, T & C 3, did her part. Stewart said she used paper cups and plates to limit the amount of water used to wash dishes. When taking showers, she plugged the bath tub drain to save water which was later used to water plants. Stewart also did some of her laundry with a wringer washing machine which uses much less water than an automatic machine.

Pam Harman, Con E 3, explained that managing water for a greek house was a more difficult matter. Harman said that the house was given a quota which if exceeded would cost the extra premium of 7.5 cents a cubic foot. She also said a plumber was called to adjust toilets and install water savers. When asked about cooperation, Harman said the hardest part was making people realize how serious the problem was.

Although not all students conserved water to the extent that Stewart did, Warren R. Madden, Vice President for Business and Finance said the student consumption of water was down for fall. Madden also said the University Married Community's (UMC) use of excess water was much lower last summer than in the past. This was partly due to the UMC residents using less water outside and not washing their cars.

An unusually high penalty due to excessive water use was one problem confronting Ann Evans, I Ad 4, who appealed her case. Evans said that a valve on her toilet broke thus resulting in a total bill of $207, $187 of which was charged as a penalty. After appealing to city council, a resolution was passed which stated that any mechanical failure was not due to human error and no penalty would be charged for such a cause. Evans ended up paying the water bill but not the penalty.

During the past fall, about four to five million gallons of water were needed each day to meet the current city demands. Ames city manager Terry Sprenkel said that when the entire university was included in the city's water supply in 1976, about six to seven million gallons of water were used each day. Since last fall, however, the ISU wells were instrumental in helping the city to meet its needs.

Heavy fall rains eased the area water problem and in September the Ames city council lifted the ban on the use of drinking water for outside activities.

By the time October rolled around, the council had also passed an ordinance which abolished the premium rate of 7.5 cents per cubic foot. By this time, almost 80 per cent of the water supply had been recovered.

Finally, by October 25 the City Council had voted to lift all water usage restrictions due to heavy rainfalls during the fall months, raising the underground water level.

A step toward an assured water level was approved in a temporary agreement by the State Board of Regents on November 18. Under this agreement which expires April 30, the university agreed to pump its well-water to the city.

Another assurance added was a pipe line built by ISU and the city of Ames to connect the two water supplies. The pipeline will be operated until a permanent plan is set on April 30, 1978.

Together, the two measures will be employed to prevent future water shortage by providing an adequate long-term water supply to meet the university's and city's needs.

No one can say for sure if Ames will experience more water problems in the future. But when the water shortage looked bad last summer and fall, adequate rains along with cooperation by ISU students and Ames residences brightened the water outlook for the rest of the year.

-Jeanne Handorf and Donna Christensen



VARIETIES '78







THE WINNERS

EMCEES: Nissly and Armstrong

DANCERS: Onion Creek Cloggers

VIGNETTE: Paul Munsen

VIGNETTE: Terri Carroll

SKIT: Alpha Gamma Rho, Chi Omega

Good Times editor	Warren Wolfswinkel
Copywriters	Donna Christensen Sue Eckert Kerry Gibson Marla Glenn Jeanne Handorf Beth Jasper Ted Lewiston Sue Plantz
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Contributions	ISU Photo Service RHW Central Committee
Publisher	Bomb Publications Board



Ted Lewiston



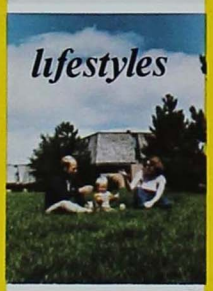




CAPTURE THE INSIDE STORY










ACADEMIC UPDATE

The Inside Story . . .

Academic Update

Academics . . . the whole reason for Iowa State University. Sure there's the football games, the Veishea, the dorms, the greeks . . . but none of these would exist without Iowa State and Iowa State could never exist without academics.

That's why *Bomb*'78 added a new section devoted entirely to academics. We call it *Academic Update.* "Academic" because academics is what it's all about. "Update" because we chose to present the newest, most original aspects of academics at ISU.

We were tired of the "usual" education stories about retiring professors and honor students. In *Academic Update,* we show parts of the university that are often overlooked. We haven't forgotten the old familiar scenes. We've just presented them in a new light.

Faculty is a frequently used topic for education stories. It's been used so much it's often seen as the "ordinary" academic story. *Academic Update's* "Focus on Faculty" is far from ordinary. The feature takes a look at the six ISU faculty members who received the 1976-77 Outstanding Teacher of the Year awards. Our original plan was to present a cross-section of teachers at Iowa State, each differing in his opinions and philosophies on teaching, education at Iowa State. The award winning teachers met our criteria and filled our Focus on Faculty section with their thoughts, the thoughts that make them top teachers.

The staff of *Academic Update* found that Iowa State not only has top teachers, but the colleges are also tops. We looked into the latest developments in each college for the newest story angles possible. We wanted to update ISU students on more than job opportunities and placements, we found out why more agricultural majors are going back to the family farm, how some elementary education majors are preparing themselves for student teaching and what benefits Veterinary Medicine students receive from the new Vet Med Building.

We took an inside look at some of the speed reading and reading development courses offered through and outside of the university. These groups are often omitted from academic publications, but they are continually offered at Iowa State. We've answered such questions as: How does a person learn to speed read? What do various speed reading companies promise their students? How does Iowa State's reading development class differ from the commercial courses? And how do speed reading students feel about the courses?

Academic Update . . . it's faculty, speed reading, colleges and more. We've shown the people involved in academic situations . . . externs, adult and cross cultural students. We've shown the academic facilities at ISU . . . Scheman, the Office of Student Life, the Media Resource Center. Finally we've presented Iowa State's academic programs . . . changes in the biology and zoology teaching methods, the Involvement Program and individualized majors.

Academics . . . it's the whole reason for Iowa State.

-Lory Stille and Patti Douglass
Academic Update Co-Editors

Patti Douglass

Lory Stille







Academic Update

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Co-editors: Lory Stille and Patti Douglass
Cover artwork by Farhad Nasri

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Faculty members named top teachers

Six Iowa State University faculty members were named outstanding teachers for the 1976-77 academic year. Each recipient of the award spends more than 50 per cent of his time in active teaching. Selections were made by committees in the various colleges with the final judgement made at the all-university level. Vice-president for academic affairs George C. Christensen presented the awards which included a plaque and $500. The project was supported by a grant from the Standard Oil Foundation.

Peter R. Francis

When Peter R. Francis was asked why he was selected as one of ISU's educators of the year, he paused and appeared to give the question serious thought. Finally, he settled back into his chair and said, "You know, I'm not really sure. It does help to be different though. Maybe its the accent . . .?"

A member of Iowa State's Physical Education department, Francis is different. His students say its not just his British accent that sets him apart from the rest. His unique style and philosophy of teaching endear him to his students and motivate much interest and willingness to learn in his classes.

Francis said he developed his style when he first began teaching. He evaluated his own teaching techniques and methods against those used by what he called "outstanding educators". Eventually, his own style evolved and Francis said he "felt extremely comfortable with it". He said the longer he teaches the more comfortable and happy he feels.



"I've become less conscious of what I teach and more conscious of what I'm doing as an educator," said Peter R. Francis.

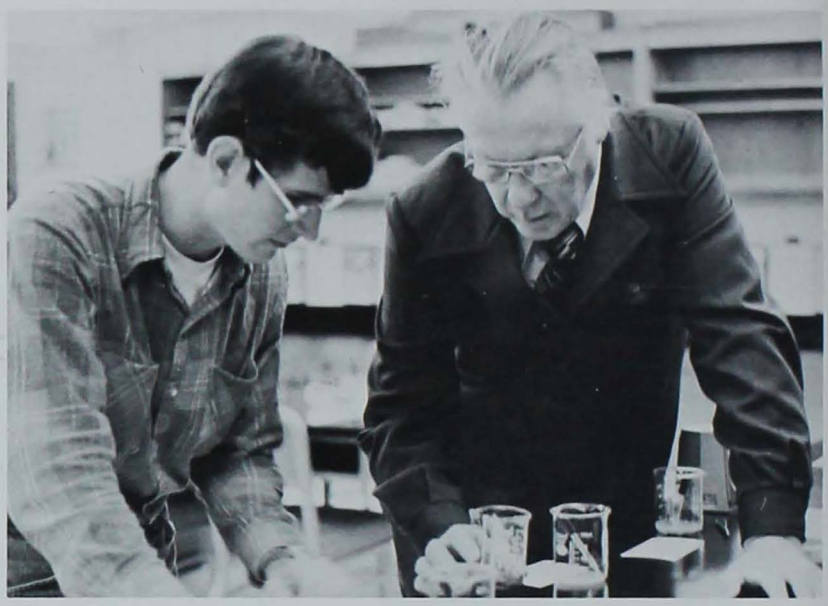
"I've become less conscious of what I teach and more conscious of what I'm doing as an educator, I'm doing as an educator. What is taught is just the vehicle. What is important is that kids learn to appreciate the beauty and excitement of scientific thought", Francis said.

According to Francis, ISU's physical education department and the field of biomechanics have undergone remarkable changes in the last few years.

"There's a growing sense of physical awareness among kids. Its come about since physical education courses have no longer been required for all college students", Francis said.

The new awareness indicates a self-motivation characteristic of a new attitude toward physical fitness, Francis said.

The merging of the men and women's PE departments, Francis said, has resulted in individuals being allowed to teach their strengths instead of their weaknesses. He said the department is turning out educators who are "better rounded people than their predecessors".



"The first couple of years, students should not be exposed to teachers who are not enthusiastic," said John D. Dodd.

John D. Dodd

Iowa State's administration, according to ISU Teacher of the Year John D. Dodd, has a reputation of emphasizing the importance of teaching to its faculty and encourages enthusiasm in the instructive aspect of a professor's responsibilities.

Dodd, a professor of Botany, commended the administration for recognizing the different interests of faculty members and trying to put them where their talents would best be utilized.

There can be a conflict between teaching and doing research, Dodd said, but he commended those who can do both, and do them well. When there is a conflict, though, he said that the administration tries very hard to find an agreeable balance between the two. He said that this is also true for those teachers who are more interested in teaching higher or lower level undergraduate courses.

"The first couple of years," Dodd said, "students should not be exposed to teachers who are not enthusiastic teachers." After that point, he said, students are more interested in the information that a professor has to give them instead of the attitude he conveys to his students. They are willing to put up with bad teachers if they are getting useful, concise information.

His work with graduate students is

more in an advisory capacity than in a research capacity. They are mostly on their own, he said, but they use him as a sounding board. They are looking for someone who they can talk out their questions to and find their own answers, not for his ideas.

In his classes, Dodd said he relies mostly on lecture and lab work to make his points. Ideally, he said he would like to be out in the field, involving students in projects, but the courses that he teaches don't lend themselves to this kind of treatment. The Mark Hopkins and the log method of teaching, Dodd said, where the teacher is at one end of the log and the student is at the other end, both studying something in the middle, is great for higher level courses, where both have a great interest in the subject. It isn't good for the beginning student, though, who hasn't been swept up in the subject.

One gift that Dodd said he has as a teacher is to be able to organize a presentation. His lectures start out, he said, not looking like they will make any points but they develop along the way.

Ruth Ann Robson

It was hard to get an appointment with Ruth Robson. Her students take all her time. As a reporter, I had to set up an appointment two weeks in advance. Her students get in right away. A few days before my interview with Robson, she cancelled. One of her students was going to drop. Robson needed the interview time to help her student.

Robson, assistant professor of institution management, teaches only one class, Quantity Food Production Management, more commonly known as the Tea Room. Robson has only 16 students in her class. Each day she holds hourly individual meetings with two of her students. She also meets for over two hours with her student Tea Room Manager for the day. This is in addition to class time, lab work and appointments with students who are having problems or just want to talk.

Robson's course allows her to do something most ISU professors can't. She knows and works with each student on a personal basis. "I know my students as more than just a number or a face. It helps me teach them. I know the bold ones and the timid ones who need to be brought out of their shells. I know my students' strengths and weaknesses. I try to find out all I can about them, their goals and interests. That way I can focus on the students' individual needs and gear the class to their specific goals." Robson said.

"My students and I work so closely together and under such pressure that we learn on a very personal basis. I see my students achieve and I achieve through them. I see them grow and gain confidence as well as develop skills. I share in their enthusiasm and I hope they share in mine," Robson said.

Although Robson spends 100 per cent of her time teaching, she claims she's not really a teacher. "I'm in food production. I'm not really a teacher and I never really thought I'd ever teach. I became a teacher quite by accident and it was difficult in those first few years. In teaching there is no immediate feedback. You don't really know exactly what's happening in your students' minds or if you're getting through to them or not. In food production you immediately know if you've succeeded. I guess I miss that in teaching. Eventually, you do find that your students have achieved and grown. Seeing the students achieving and enjoying their work gets me involved. I like it for them. When you're involved, teaching gets in your blood," Robson said.

According to Robson, teaching and students should have top priority over research. "I understand the need and importance of research. Still I feel that not all instructors and teachers should do research. As a teacher, I feel that education has suffered because the teachers' time is taken or they have other demands. Teachers should reserve their time for teaching so that graduate students don't have to take over. Not that grad students aren't qualified, it just isn't their job. Education should not be weakened for any reason," Robson said.

Robson's former students described her as "wonderful", "inspirational" and "the best teacher I've ever had". Still Robson said she wonders if she's successful. "Before I received the award, I was close to leaving teaching. I'd been here four years and was considering going back into management. In teaching, it's so difficult to weigh your successes. There's no immediate feedback as to how your students are reacting to you or your teaching. I always wonder if I'm being successful or if I should be doing something else," Robson said.

"The award came as a total surprise," Robson said. "It must have been the best kept secret in the university. After I won the award I felt I should stay at ISU and give what I could. It kind of



"I know my students as more than just a number or a face. It helps me teach them," said Ruth Ann Robson.

Focus on faculty

commits you, you know. You feel an obligation to do more. It helps you prove to yourself that you should and can do more".

Dwight W. Bensend

The student is the most important product. That is why the university exists." This is one of the main teaching philosophies of Dwight W. Bensend, one of the six 1976-77 Teachers of the Year. Bensend, a professor of forestry, has been with the university since 1947.

Teaching must be top priority, Bensend said. There can be a conflict between teaching and doing research, especially for young staff members who want to be published and become recognized professionally. He said most of his research doesn't conflict, though, because he uses his research information in the undergraduate courses he teaches.

Bensend estimated that he teaches between 50 and 90 per cent of his time, depending on the research he is doing, what committee assignments he has and how much work he is doing with his graduate students during a particular quarter.

Interest and enthusiasm are very important in teaching, Bensend said. An instructor needs to show the importance and relevance of the subject to the students. Bensend said if a student tries hard and shows an interest in the subject, he will do extra work with him or her outside of class, open the lab after hours or give review sessions.

Bensend said one of the rewards and advantages of being a teacher is to see a student graduate and be successful in the business world, especially ones he's helped place. "After they get out on the job, if they find it is not satisfactory, they drop me a line. When they get a job, they'll frequently write to me and thank me for the help that I've been."

During the summer, Bensend participates in a Montana forestry camp. Students take four courses for nine credits the summer after their freshman year. The course helps students decide if they want to make foresty a career.

Bensend is retiring this year and although he has really enjoyed teaching, he is looking forward to a well deserved rest.

John L. Cleasby

"Students learn by what they do, not by what they hear."

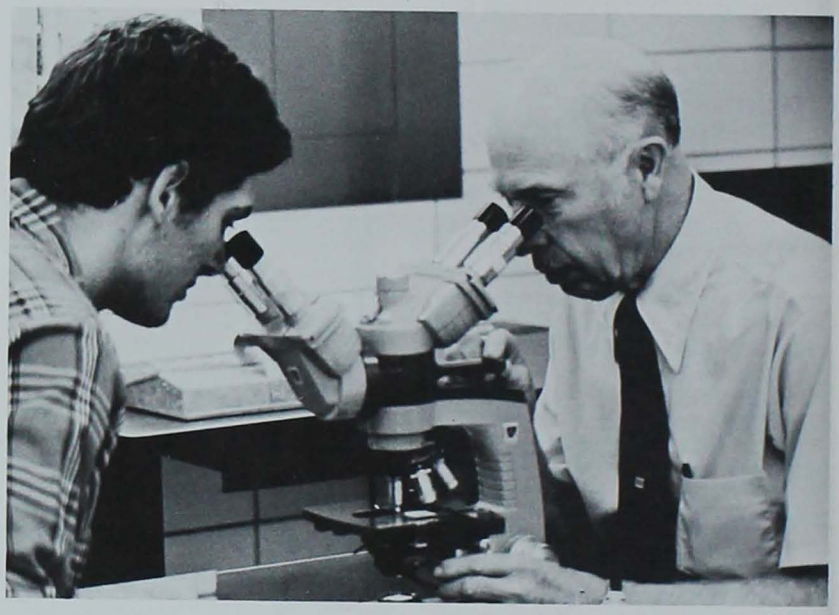
John L. Cleasby, professor of civil engineering said, "I heard this philosophy some time ago from a famous educator. I have to agree with him. Lectures aren't the primary method of learning. Students have to put their own effort into their work. They must produce something in order to win."

Cleasby was one of six ISU faculty members chosen as 1976-77 Teachers of the Year. According to Cleasby, the lecture shouldn't be used as a simple repition of the textbook. I like to assume my students have completed their readings before class. Students don't always relish this approach. They usually prefer a lecture on what has already been assigned. However, this penalizes the good students, especially if the material is relatively easy to comprehend," Cleasby said.

Although Cleasby spends his time both teaching and researching in the field of sanitary engineering, he said the majority of his time is spent teaching. "Research can always be put off, teaching can't. Still, for myself, research has made me a better teacher. Those things you have actually worked with, you understand better and can teach best. When you teach about things you've researched, you can sweeten your courses with first-hand experiences. You don't have to depend strictly on the books to teach," Cleasby said.

Most of the engineering staff does consulting work which, according to Cleasby, makes engineering courses more interesting. "Consulting keeps you in touch with the real world of actual practice. You don't become an ivory tower theoritician. When a teacher consults, he can make his courses more interesting," he said. Cleasby has done consulting work in the United States, Canada and Taiwan.

When asked how he felt about receiving the award, Cleasby said, "The award gave me great satisfaction. But then, I work hard at teaching. I was a little embarrassed to receive it. There are lots of good teachers in the engineering department, some that the students constantly recognize as outstanding teachers who have not yet received the award." Cleasby then laughed and said, "If the award is for effort . . . . I worked hard."



"The student is the most important product. That is why the university exists," said Dwight W. Bensend.

Alston J. Shakeshaft

"Hit the basics and hit them well. And when you have done that, hit them again." Alston J. Shakeshaft said this is one of his basic ideas in teaching. Shakeshaft, an associate professor of Political Science, was chosen as one of the six Teachers of the Year last spring.

Shakeshaft has decided ideas on the roles of teachers and students. Students are here to learn, he said, and should not, therefore, have the difinitive word on what the course content is. The student-teacher relationship implies that the teacher has some thing to give that the



"Research can always be put off, teaching can't. Still for myself, research has made me a better teacher," said John L. Cleasby.

student doesn't already have, Shakeshaft said.

Students don't always appreciate the information they are being taught, he said. In his Judicial Process course, for example, he is a stickler on the idea of federalism, which is one of the simplist and yet most difficult ideas in American government. He insists that the students have a firm grip on this idea, which some students see as quaint, useless or never to be used again.

Shakeshaft said that faculty members should be involved in three areas, research, service and teaching. He said that more teachers should be involved in service projects but there are few or no rewards in the work. Shakeshaft coordinated the Health Conference held at Iowa State in September. He worked in the public health field before he became a teacher and is working on an extended document about the public law implications of certification of needs legislation over the development of hospitals. The Conference tied in greatly with his research work, according to Shakeshaft.

The paper that Shakeshaft is working on requires a lot of research but he doesn't feel that publication is the only result of research. For his Political Philosophy class, Shakeshaft said he may put in 40 hours of research in the library for one lecture, which may never be used in a publication.

Shakeshaft said that he started his career wanting to be a teacher, "I enjoy the mission of teaching, just as Aristotle did. That makes the award one of the most redeeming things in my life. Happy is a very shallow word. I was very pleased." He said he was very surprised to receive letters from former students congratulating him on his award.

One of the distressing things, he said, is when he never hears from his students again, particularly those who he's helped get into law school and other businesses. He writes a lot of letters to law schools for his students. One Christmas vacation, Shakeshaft wrote 120 letters of recommendation to law schools for a number of students.



"Hit the basics and hit them well. And when you've done that, hit them again," said Alston J. Shakeshaft.

Mexican cross-cultural experience

Most ISU students live for spring quarter. Laurie Frey, H EC 4, hasn't seen spring at Iowa State for the past two years. Ask her if she's missed anything. She'll probably say no.

Frey spent her last two spring quarters in Yucatan, Mexico, participating in the Cross-Cultural Program. The program is sponsored by the College of Home Economics at Iowa State and Central College in Pella, Iowa.

According to ISU's Associate Dean of Home Economics Julia Anderson, the cross-cultural participants travel to Merida, Yucatan, a city of about 300,000. In Merida, they attend classes, and earn 15 credits in Spanish, Latin American Civilization and Home Economics. The program enriches the educational program of graduate and undergraduate students while contributing to the improvement of family living in Yucatan, she said.

"As the students work with the Yucatan families, maybe they've decided their primary interest is in the nutrition of these families. However, the student will see housing problems. She'll see sanitation problems. This sharpens her experience. It sharpens her senses. She sees in a hurry what she would eventually see within her profession," Anderson said.

Each ISU student participating in the cross-cultural program was required to complete a home economics project while in Yucatan. In 1976, three ISU students traveled to Yucatan. One student did a project on maize and the Mayan Indian, another worked on a textiles and clothing project. Frey undertook a two-year project on infant care.

"I went to Merida with the hypothesis that given a poor diet and a diet low in calories and nutrients, it would produce a passive, apathetic and uninterested child. The child would then do poorly on a developmental test," Frey said.

"I studied six infants. Five were from the really poor rural area of Merida. One was from the wealthy or regular part of Merida which would be like a child from the United States. All the children were 14 to 20 months old. I tested them for language, gross motor, fine motor and personal and social aspects. I wanted to see if they were developing normally. However, I was comparing them to the United States standard because there were no standards for Mexican children. I thought that I would find these infant's growth rate wasn't equal to our growth rate in the states. I thought I'd find deficiencies," Frey said.

After studying the infants again in '76, Frey found that her hypothesis was incorrect. "Their diets were low in some things, but it wasn't drastic. My hypothesis did work for one infant from the rural area. He did very poorly on all the developmental tests. I looked at his diet and it was really low in protein. I had expected this for all the infants," Frey said.

According to Frey, the cross-cultural students learned about the Mexican culture not only through their projects and classes, but also through living with the Mexican families, talking with the people, observing their ways of life and traveling through Yucatan.

"The really poor people are usually the Mayan Indians. They live in the rural area in little shacks. It's very humid so they don't need heat. One man I talked to was a little wealthier than the rest. He told me his biggest expense was paying his electric bill. It was less than a dollar. The bill was for two months. From this you could see how much these people had to spend on food and medicine," Frey said.

"One day, I visited a hospital in Merida and I saw some malnutrition cases. I saw things you always read about in textbooks but never see in the States. Some little kids were even born malnurished. You could see their ribcages. The children's parents would come in in their traditional dress. They were the real poor Mayan Indian people. They'd come in this technological hospital and see their baby in a life sustaining unit with tubes up their arms. I knew they'd never seen anything like it before. I asked a doctor how these people felt about all the machines. I knew they couldn't comprehend it all. The doctor said they usually don't have that much emotion. They know that if their baby dies, they can always make another one," Frey said.

There is a big class difference in Yucatan, Frey said. The stereotypic image of a Mexican might be true for the lower class, but the higher classes are very similar to the American high or middle class, she said.

"Especially in the lower class, motivation is so different than in the States. If they don't get something done it's 'oh well, I'll put it off until tomorrow'. There are no stresses in their lives. There are no time limits. If they're late for something, it's no big deal. If you go to a wedding, people will just walk in late. They'll leave before the ceremony's over. Another example is if your plumbing goes out, you call someone to fix it. They'll say 'oh yeah, we'll be there right away', but they won't come. They'll just forget about it. It's the lower class that is like this. I think maybe it does have something to do with nutrition. They're so apathetic. Maybe if their nutrition was improved their lifestyle would change," Frey said.

The cross-cultural students learned about the Mexican culture, but they also taught the Mexicans a little about America. "The first year I was in Yucatan, we got together with a neighborhood of poor women and gave them classes. It was a social type of thing. One day we went into a home and made a Spanish omelet. These people always had the food to make an omelet, but instead of eating their eggs, they'd sell them. We also taught them some exercises and how to do manicures. They'd learn from us and we'd learn from them. Once when we were cooking, we were peeling something and they had a new way, just a different way of peeling it. It was just a primitive way but it worked perfectly. We always think you have to have a tool to do everything," Frey said.

According to Frey, the cross-cultural experience increased her fluency in Spanish and got her interested in community nutrition. "It was a challenge, an excellent experience. It was down to earth conversation with people from another part of the world. It was the simple things. It was interesting to get to know them and what their life was like," Frey said.

S&H college has unique role

Providing the academic home for all learning, the college of Science and Humanities plays a vital and important role in the education of all Iowa State students.

The mission of the college is rather different than that of any of the other five colleges in the university. Whereas the college of engineering, for example, is designed toward one profession, S & H must integrate many specialities.

More than 7300 students make up the college, roughly one-third of the entire university. Science and Humanities offers 35 majors in 25 different departments. It also provides a place for undeclared freshmen.

The college instructs 70 per cent of all freshmen and sophomores, as well as 60 per cent of all other students.

Because of the rising number of undeclared freshmen, a class was created to provide information on different careers and information for the best four-year education for them. The course, S & H 100, is designed for a career development and placement to aid freshmen from just going from quarter to quarter with no organization in their curriculum.

The enrollment in the class has climbed from 90 students a few years ago to more than 400 students the first quarter of this year. The class gives the students an idea of where their interests lie by conducting interest inventories, visiting different departments, and small group discussion.

Sometimes referred to as the college of liberal arts, the college does most of the teaching for the entire university. Many of the basic group requirements for various majors are taught in the S & H college.

Presently, the group requirements are being reviewed and any changes will be put into effect in two years. Dr. James Cornette of the curriculum committee commented that, "our major goal is to make the requirements more clear and focus more on science."

Many students comment on the irrelevance of taking some of the group requirements. For instance, a pre-vet major might wonder what history or English have to do with his major. "Undergraduates need a knowledge of the world as a whole," remarked Dean Wallace A. Russell, dean of the college of Science and Humanities. "Students need bredth as well as depth. These basic requirements allow the student to know how to relate his specialty to the rest of the world as well as knowing how different areas of knowledge relate to each other."

For many years, the three Iowa universities have tried to establish a degree, and for the first time this year, have authorized the Bachelor of Liberal Studies.

The degree provides baccalaureate educational opportunities to those who cannot attend college as full-time, on-campus students.

To be eligible for the program, each student must have at least 93 quarter hours of collegiate work or an Associate of Arts or an Associate of Science degree. To earn the degree, a total of at least 186 quarter hours is required for graduation.



The degree has various areas of concentration, even though it has no majors. These areas of concentration include Humanities (literature, history, philosophy), Communications and Arts (speech, journalism, English, foreign languages), Natural Sciences and Mathematical disciplines (chemistry, mathematics, etc.), Social Sciences (sociology, psychology, political science) and Professional fields (business, education).

Increasing fluency in English is the goal behind Intensive English Orientation Program. This rapidly expanding program is designed to help foreign students attending Iowa State adjust to the United States and their classes as well as increase their command of the English language. The broadening of this program has influenced many foreign students to choose ISU.

This fall marked a change in the faculty governance in the college. Formerly, all 700 faculty members got together to vote on policies, changes and curriculums. Last spring, this group voted to elect representatives from each department and each area to more effectively take care of the college's needs. The group, called the College Faculty Assembly, is a group of about 50 which holds well-organized monthly meetings.



(Above and top) Barbara Matthies, English instructor, helps foreign students during an English 100 class. The course is designed to help them learn to use written and verbal English.

Involvement- Pre-student teaching

Involvement. It's a program that gets elementary education majors involved.

According to Involvement's designer, Dr. Todd Shirley, student teaching time arrives each quarter with many El Ed majors realizing they aren't ready or mature enough to teach. Involvement was designed to solve this problem. It allows El Ed majors to voluntarily teach in elementary schools before their required quarter of student teaching. Involvement students receive this "pre-professional" experience twice a week by assisting Ames elementary school teachers, Shirley said.

"It gives the students on hand opportunities to relate to children. It helps the students determine, 'Do I relate?' or 'Is this really for me?", Shirley said.

El Ed major Carol Wood said Involvement helped her decide that teaching was for her. "At the time, I decided to take part in Involvement, I was really confused about my major. I was a junior so it was time for me to definitely point myself in a certain direction. Involvement was my only choice. If I would have gone ahead in the El Ed program without taking Involvement, I wouldn't have known for sure if I wanted to be there. I would have been as lost as I was my first two years at Iowa State", Wood said.

According to Shirley, each quarter the program helps about 20 El Ed majors to capitalize on their strong points and work on their weak points in teaching.

Wood said, "Involvement helps you see what it's actually like in a classroom. It's the first time I've actually been obligated to see to the development of a young individual. I've taught in a lot of different ways but I've never actually felt that the kids were *my* students. I have to make sure my Involvement kids grow and develop in their work. If I wasn't in this program and it wasn't my duty to teach a certain lesson on a certain day to a certain student, then I wouldn't learn the feeling of being close to a young person with individual problems and special needs".



Although Involvement was designed to help the El Ed major, Wood said the elementary students also benefit from the program. "Involvement enriches the education of the elementary students. It means that there's one more teacher in each room who is interested in each student's individual needs and problems. For example, in a reading group the slow readers need extra attention and someone to help them boost their efforts. Exceptional readers need someone to help them work ahead and give them a challenge. The average readers sometimes need more attention because they are often times passed over. With a supplementary teacher in the room, the kids get the attention they need", Wood said.

Besides actual classroom teaching, Involvement teachers take their students on "eco-trips". These trips range from nature hikes to ice-fishing. The Involvement students have also visited Des Moines and Marshalltown schools.



(Above) Deb Andrews, EL ED 3, works with Marie Sunderman's fourth graders on a group reading project at Roosevelt Elementary School. (Left) Carol Wood, EL ED 3, helps fourth grader Marc Sinatra write a report on George Washington Carver.

The family vs. the corporate farm



Since 1950, 60,000 farms have disappeared from Iowa. About 200,000 farms, averaging 160 acres, spread across Iowa in 1950. Today, Iowa has about 140,000 farms, consisting of about 240 acres.

According to Iowa State's Associate Dean of Agriculture, Louis Thompson, this decline in farm population is due to farm enlargement. "If you drive through Iowa today, you'll see many farmsteads abandoned, the farmhouse vacant. This is because of farm enlargement and largely a case of retirement. One farmer buys out a neighbor and eventually demolishes the old homestead and enlarges his farm," he said.

Thompson said larger and more advanced farm equipment has been influential in the growth of today's farms. "Larger farm equipment is a great help to the farmer in the timeliness of operations. Also, the farmer is under pressure to increase his volume in order to make enough profit so he uses larger equipment and farms more acres," he said.

Farm enlargement has actually improved the opportunities for Iowa State agricultural graduates, Thompson said. "Today, the home farm appears more attractive because the income relationship is more competitive with earnings, say, in business or industry. As a consequence, we've seen our enrollment in agriculture and the percentage of our graduates returning to the farm more than double since 1963. Farming becomes more attractive to the college graduate if the farm unit is large enough to make him a good living," Thompson said.

With the farm enlargement trend, it has become more difficult for the beginning farmer to get started. "It does create a problem. Right now, it would take about $100,000 capital to get started, which means buying some equipment and partial payment. We find that it's largely a case of college graduates returning to their home communities and going back into the family operation, which today is typically larger than 500 acres," Thompson said.

Although farms continue to enlarge and corporate farms do exist, the family farm system will remain dominant. "Most farms throughout Iowa are family operated. I'm very much convinced that the family farm system will prevail. Right now, our tax laws and the transfer of property actually favor retaining the farm in the family. This is an opportunity for family farm labor to be utilized because when you get the operation much beyond what the family can handle, you get into the problems of labor costs and labor relations. This makes anything beyond the family farm more difficult and costly."

Farm enlargement goes hand in hand with farm specialization. With specialization, the farmer becomes more dependent on the farming services of business and industry. "In the days when this country was first settled, the farmer had to be pretty self-sufficient. He didn't depend on business and industry to provide services. If something happened to his implement, he repaired it at home. He had his own shop. Today, for example, the farmer buys a lot of his feed ingredients instead of doing his own feed preparation," he said.

More farm service jobs have opened to college graduates as a result of farm specialization and enlargement. Last year, about 35 per cent of ISU's agricultural graduates went into agricultural business. About 25 per cent went into farming and farm management.

Thompson said Iowa State's agricultural program is preparing its students to be modern and well-informed farmers. "The graduates become well acquainted with the newest technology in farming. They learn better marketing techniques, how to use capital and they become closely associated with other students who have aspirations to become farmers," he said.

"Farming is a high risk kind of an operation. There's not a monthly check that comes in. Students have to develop this attitude of being willing to take a high risk. They also have to feel the optimism every farmer feels when, even though he's had a rough year like this year, he knows things are going to be better," Thompson said.

History shows, Thompson said, that the people who stayed in farming have greatly benefitted by the persistence that they feel and experience.

Engineering opportunities expand

The abbreviations CPR E and NUC E began appearing after Engineering students' names last spring, following the Board of Regents approval of two new undergraduate programs in the College of Engineering.

The Computer Engineering and Nuclear Engineering programs cited the advancement in technology and the increased market for their graduates as two of the reasons behind the programs' developments.

The Computer Engineering (CPR E) curriculum evolved out of Electrical Engineering (EE) and Computer Science (Com Sci) and is being administered by EE with a computer advisory committee. Nuclear Engineering (NUC E) is an option in the Chemical Engineering (Chem E) department.

Art Pohm, Computer Engineering professor, said that the growth in popularity of small, inexpensive computers and the use of microprocessors in many consumer and industrial products increased the demand for EE's who have a good idea of programming. Iowa State's EE program, he said, didn't stress programming and Com Sci majors had little knowledge of the mechanics of the units.

Terry Smay, CPR E professor, said some of the second and third year Com Sci courses were substituted for EE courses in the EE program. This would give CPR E students a better background in computers, he said, so the prerequisites were beefed up for the third and fourth year EE courses.

A new computer lab opened for CPR E students' use. Smay said that they were able to get current equipment when they set up the lab but they hope to buy more when they have the funds.

Estimates for first year enrollment in the program were from 60 to 70, Pohm said, but actual enrollment was almost double that. In the long run, Smay said that CPR E majors should comprise about one-third of the EE department.

Mike Warner, CPR E 4, said he got into the program because it combined the two things he was interested in. He said his professor said the difference between EE and CPR E is nominal until the graduate goes looking for a job. The CPR E degree will sound like it is geared more towards computers instead of electronics.

Nuclear Engineering has been taught at Iowa State at the graduate level since 1950 but the undergraduate program didn't start until last fall.

According to the justification report for the program, an undergraduate program in NUC E was needed at Iowa State because the demand for NUC E's at all levels of training is very high and is expected to increase over the next decade.

Richard Danofsky, professor of Nuclear Engineering, said that the trend is away from PhD's and towards Master's and undergraduate degrees. According to the justification report, emphasis in NUC E is shifting from a research orientation to one of application, design, and operation. These are areas which the bachelor's level graduate can make a contribution.

Forty to fifty students enrolled in the program this year and Danofsky said he sees expanding interest in NUC E as an undergraduate program at Iowa State.

Paul Stump, NUC E 2, said that he heard about the proposed program as a freshman before he transferred to Iowa State from UNI. He said he sees a future in it, even though there has been widespread discussion on the use of nuclear power.

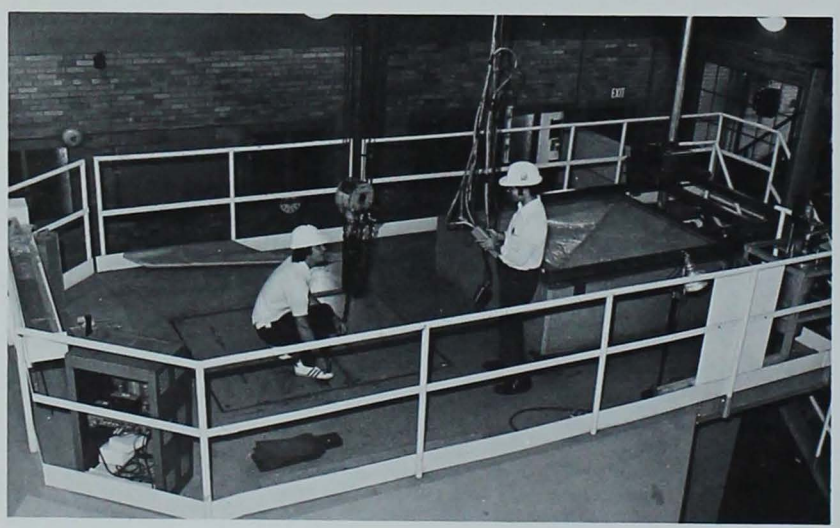
All of the courses in the undergraduate program were taught for the first time this year. Previously, only graduate level courses were offered. Danofsky said that 400-level courses will be added next year.

The laboratory facilities used in the graduate program have also been used in the undergraduate program. Danofsky said that this would result in more effective use of the equipment and would give the students the opportunity to have first hand experience with it.

The faculties used for both programs were already on staff, CPR E professors from EE and NUC E's from the NUC E graduate program. While funds are in short supply, both will use the staff they have but the departments hope to add professors with more specialized experience later on.

Danofsky and Roy Zingg, professor of computer engineering, said that having their programs approved was relatively easy, since all the levels that had to approve the proposals realized the need for these curricula.

As with all new curricula, these programs will not be accredited until there are graduates. Degrees will be retroactive, though, so that all of the graduates will have degrees in their majors.



Since the undergraduate Nuclear Engineering program began last fall, students have been able to use ISU's reactor as part of their course work.

Individual attention important



Individual attention is very important in teaching veterinary medicine. Dennis McCurnin, assistant dean, said that the student-faculty ratio is approaching four to one, but added that this is necessary to give each student the attention he needs. Teaching vet med is different from other curricula, McCurnin said, because the teacher may spend all day in the operating room with just one student. He added that surgical procedures can't be taught on an overhead to a hundred students. The information the students are learning isn't to be memorized for an exam and forgotten afterwards, he said. It has to be learned well because it is information they will use for the rest of their careers.

The new Vet Med facility has audio-visual equipment the Vet Quad never had. Not only are there television monitors in lecture, McCurnin said, but in lab as well. The equipment lets lab instructor put a slide on his microscope, the camera picks it up and airs it on monitors around the room. The students can see the part of the tissue the instructor points out and then can look for it on their own microscopes. McCurnin said ten slides can be covered in a class period instead of three.

Surgery can also be taped, in a studio or in the operating room, to be used during lectures or sent out to practicing vets as part of a continuing education program. McCurnin said that student response has been excellent on the new facility and the job of teaching has been greatly helped by the expanded facility.



Growth outside the classroom



(Above) An operator plays one of the tapes of the 4-HELP service, offered through the Office of Student Life.

The goal of the staff of the Office of Student Life is "to facilitate and educate growth of the student body outside of the classroom, according to Doug Marks, a program advisor for the office.

Marks said that this goal is an important one to the campus community since the office staff serves in an advisory capacity to twenty-four different student organizations.

Through the organizations, programs and committee work, the actions of the office could affect a majority of the student body during the time they are at ISU.

Greek Week is one of the organizations aided by staff members Barb Snyder and Doug Lange. Mary Kay Thatcher, general co-chair person for Greek Week '78, said that Snyder and Lange advise the group on approaching deadlines, personnel conflicts, motivational activities and steering committees. She added that "Barb and Doug are really very effective to our organizations."

Some of the other student organizations with which staff members work include the Black Student Organization, VEISHEA, Freshman Student Organization, Homecoming, New Student Week and the Greek Programming Committee.

According to the ISU Information Handbook, some of the goals that the office has outlined for the year include educating students to greater self-awareness and knowledge of culture and environment, assisting students in developing skills to transform knowledge into action and advocating the needs and interests of the university and local community. These goals and many more are those which the staff works toward through the year.

The Office of Student Life works under the Student Affairs Vice President, Dr. Thomas Thielen, along with other offices on campus, including the Department of Residence, Student Health Service and Student Financial Aids Office. Department heads of these offices meet and report for Deans and Directors meeting to Dr. Thielen informing him of programs and concerns of the offices.

Some of the programs offered through the office are Women's Week, Racism and Sexism trainings and workshops, career/life planning, alcohol education programs, Sexual Attitude Review, personal counseling of students, and Seminar '77 courses. Many of these programs are available as workshops to residence hall houses and fraternities and sororities.

In accordance with the goals of the office, provisions are made for a wide variety of opportunities for students to experience personal growth. Decision-making and leadership skills are provided for those students wanting services in those areas. Para-professional and pre-professional training are also available upon request.

The office has a large program dealing with helping students make effective use of university systems and services. The program is referred to as 4-HELP. The system provides campus telephone information on tapes of assorted topics. Anyone who is in need of specific information can dial 4-HELP (294-4357) and ask for a particular tape by its code name or number. These code names are listed in the ISU Information Handbook and Residence Hall phone directories.

Coupled with the special projects and internal Office of Student Life functions, the staff members sponsored 26 committees, advised 22 student organizations and worked on 25 projects and programs during the 1977-78 school year.

Counseling Service: "you don't have to be sick to come here."

"At least 25 per cent of all students at ISU will contaet the Student Counseling Service sometime during their attendance for counseling, workshop training or pre-professional testing," said Dan Robinson, a central staff member of the Counseling Service (SCS). He added that "the clientele for the office is growing rapidly every quarter." He attributes this growth to an expanded knowledge of the service and the fact that people are beginning to realize that "you don't have to be sick to come here."

The goals of the SCS are not unlike those of other offices on campus, but the services they offer are quite different from them.

The SCS offers a teaching practicum service to graduate and doctorate students in the areas of counseling and psychology, helps to develop skills in group situations and on individual basis, instructs assertiveness trainings and workshops, and tests career potential.

The staff of SCS has many objectives to aid them in reaching their goals. Some of these include promoting academic functioning of students by helping them with learning skills such as improving reading, classroom and study skills, preparing for and taking examinations, and reducing the students' anxieties about these things.

Another objective that the SCS works toward is assisting students with realistic career planning by helping them become informed about their abilities, interests, and aptitudes. This is where the testing center of the office is used. Many tests are available to interested students involving career interest exams, career potential tests and personality profiles.

Nancy Putz, S&H 2, took some vocational tests. She said it helped her to know what to consider when deciding on a career. She said that the results are only meaningful when they are explained and elaborated on by a counselor.

Some students take the tests thinking that they will come out with a major or career decided for them, Putz said, but that this is not the case.

The SCS works in cooperation with other offices in student affairs at ISU. The office takes requests for specific workshops on leadership and assertiveness trainings from the residence halls and the Greek system.

The Student Counseling Service does not work exclusively with Iowa State students. A goal to support other university staff in their roles is also held by the SCS. Individual consultation, provision of structured programs for staff development and supplying information about student's environment and needs are also offered throughout the SCS.

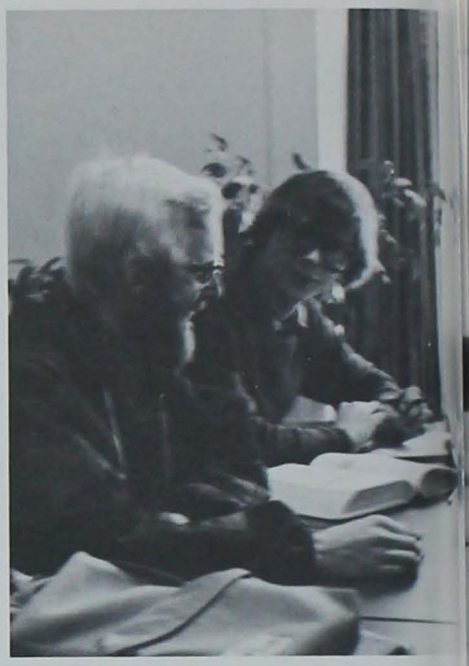
All of the staff members of the SCS are involved in campus-wide activities coupled with their staff responsibilities. Some of these other programs include women's programming, freshman orientation, judiciary committees and the YMCA and YWCA.

Many students feel, according to Robinson, that their specific concerns are better dealt with in a group with others facing the same issues or concerns. Some specific group programs offered through the Counseling Service are: Career Exploration, involving occupational possibilities of interest to students; Self-Defeating Behaviors, focusing on eliminating unwanted behaviors such as boredom, depression and procrastination; Assertiveness, for person wanting to learn to express feelings and beliefs honestly; Test Anxiety Management, to help students curb their fears about performance on exams; and Alcohol Support Group, for students concerned about drinking problems.



(Above) One-to-one counseling, one of the services at the Counseling Service, is to help people with personal problems, anxiety about school, anything that the person needs help with.

Honors courses aren't more difficult but offer more challenge to outstanding students



(Above) Honors students study in Osborn Cottage. Osborn houses the Honors program

"People typically envision honors students as having a diploma in one hand and a cap and tassel in the other," said Clark Candee, an Engineering freshman in ISU's Honors Program. He said he thought that Honors students would have their noses to the grindstone, studying all the time, but that he was pleasantly surprised to find that it wasn't true at all.

Candee said that the program has offered him the opportunity to meet a lot of people in addition to allowing him to take Honors courses.

According to the Information Handbook, the Honors Program emphasizes the development of individualized programs of study. These are set up to meet the needs of students who have demonstrated the ability and maturity to assume more than the usual degree of responsibility for their education.

Elizabeth Beck, coordinator of the program, said that many students qualify for the program but either don't know about it or have a mistaken idea about what it entails.

Beck said that the Honors courses aren't more difficult than those in the regular curriculum, but they offer more challenge to outstanding students.

Students must have at least a 3.35 cumulative Grade Point Average (GPA) to qualify for the program. If the GPA falls below this point, the student must withdraw from the program until he can bring it back up.

Students are eligible to apply for the program as long as they have at least 72 credits remaining before graduation.

Each college has its own programs, with basically the same requirements. In some colleges students must go on associate status before becoming full members. If they decide to, they can withdraw from the program at any time during their college career.

There are 331 students in the program: 150 from S&H, 75 in Freshman Honors, 45 from Engineering, 25 from Agriculture, 20 from Education and 16 from Home Economics.

Beck said that many of the S&H students are in Pre-medicine, with majors in biology or another science. Iowa State, she said, has a reputation for a good science program so the student gets a good background in science which will help him in medical school. The usual science curriculum may not be quite what pre-meds need so the Honors Program gives them some flexibility to get the courses they need.

Beck said she can't prove that an "H" signifying Honors Program will help a student get into medical school, but she knows it doesn't hurt. Honors students are usually high achievers, she added, so the students would probably get what they were aiming for anyway.

Some students said they expected the program to require more than it does. Beck said the university-wide requirements for the program are two Honors courses and two Honors Seminars, both of which are open only to students enrolled in the Honors Program.

The other requirement is a special project to be completed in the student's senior year. The project, Beck said, involves two or three quarters of work and is like a senior thesis or an in-depth research project.

The courses offered for Honors credit are special sections of usual classes, English 131 or Psychology 230, for example. An Honors section is denoted by an "H" after the course number. The classes cover the basic material, but in addition, concentrate on exploring new ideas and integrating concepts.

Most students say that more in-depth course work was an important reason for their entrance into the program. Beck said another benefit of the program is limited class size, 25 for courses and 15 for seminars. The combination of small classes and more discussion creates a more personal level of teaching, Candee said, so the student is not just "one face in a million."

A student decides on the courses best for his emphasis by talking to the preclassification advisor in his major and an outside advisor. For a journalism major, for example, the outside advisor would have to be from he biological or physical sciences.

Arrangements can be made to take almost any course in the university for Honors credit if a satisfactory amount of added work can be decided on between the professor, the student and the college's Honors committee.



and provides space for Honors students to study and rooms for Honors seminars to be held.

> The Program is great for freshmen because they get to know people and the campus faster

Honors seminars are usually one-time offerings on topics submitted to the Honors committee by Honors students. These courses are offered on a satisfactory-fail basis only. Teresa Coon, S&H freshman in the program said it takes some of the pressure off, allowing both teachers and students to enjoy the courses more.

Beck said that the seminars put the humanist next to the engineer, providing the potential for very interesting discussions. In talking about environmental problems, for example, two very different viewpoints could be supported.

Seminar topics offered this year included the works of J.R.R. Tolkien, Iowa's Energy Sources and Alternatives, and Rock and Roll.

Professors teach Honors courses as a part of their regular work load. Honors seminars are taught in addition to it. When topics are suggested for seminars, professors are usually suggested who have a particular interest or knowledge in the subject. The seminar may not necessarily be in the professor's area of specialization.

Proposals for special projects are taken to the student's project advisor, then to the college's Honors committee for approval.

Project topics vary, Beck said, according to individual interests. One art student had a month-long display in the Design Center Gallery. She added that they don't even have to be in the student's major. In fact, they encourage a project in another area because it shows the varied interests of the student. A pre-med student, for example, is making a guitar and inlaying it with ivory.

Beck said many Honors students plan to go to graduate school and use the special project to do some of their research.

Deb Squire, an Honors senior with an Individual major, made a travel tape for her special project. Her major emphases are journalism and environmental studies and her project grew out of them.

Squire decided on her project as a third quarter sophomore. Larry Wing, her project advisor, had done some work in the area with a graduate student and, Squire said, came up with some ideas for her project from that. She said Wing helped her with what to include in the tape and what people to contact for certain information.

Her travel tape was for Interstate 35 from Des Moines to Ames. It involved a discussion of environmental aspects, land use, points of interest, etc. Squire said she interviewed a lot of people in Ames and Des Moines to get the information. Then she compiled the information, wrote the script and taped it.

To help pay for projects that may require financial investments, students can apply to the Alumni Achievement Fund for grants. Squire received a $75 grantfor paper, tapes, etc.

Beck said that the proposals submitted have become very sophisticated, somewhat like applying for a grant for masters work.

One of the advantages of the program, Beck said, is that Honors students can waive, requirements or prerequisites with the approval of the college's Honors committee. This is done in cases when the student has had sufficient background in the subject in high school and to take it again would be worthless. A course, usually of a higher level, is then substituted in its place.

Beck said a few years ago they found students were misusing the ability to waive courses and the degree programs of Honors students were coming through weaker than those of regular students. Changes were made to maintain the quality of the program. This was for the protection of the student, she said. When he applies for a job or graduate school, an Honors notation on the transcript should mean that the employer or school is getting something of higher value.

The Honors Program is "really great for the freshman year because you can really get into classes and get to know people and the campus faster," Coons said.

A disadvantage that Beck noted was that students complained about the beaureaucratic run-around, with added paperwork and more channels to go through to get something done.

The program is mainly for a student's personal benefit, Coons said, not as much academic.

T.V. supplements science lectures

Did you ever try to listen to an instructor give an important lecture when the person in front of you was snoring so loudly that you couldn't hear?

Or how about the student who was reading a newspaper, holding it up so high you had to crane your neck to see the blackboard?

When it comes to classroom situations, large lectures are not everyone's favorites. Students who want to learn are often distracted, especially in large lectures. Audio problems can arise from a poor microphone or a softspoken instructor. And then there is always a couple behind you discussing such things as "Star Wars" or "Seals and Crofts".

Iowa State University received a $270,000 National Science Foundation Grant which could eventually change the use of large lecture instruction at ISU and other colleges. The grant was used by ISU's biology and zoology departments for "Lecture Enrichment".

The program consisted of producing video cassettes to supplement introductory biology and zoology lectures. Over 6,000 students enroll in these introductory courses each year, in sections of 150 or more students.

The lecture enrichment program was directed by Larry Mitchell, associate professor of zoology and Warren Dolphin and Yola Forbes, associate professors of zoology. The three began work on the project in the fall of 1976.

At this time, Iowa State University made a contribution of $154,600 to the project.

The contribution and grant provided for the hiring of instructors while Dolphin, Forbes and Mitchell took time from teaching to set up the program. The grant also helped finance hiring grad assistants, secretarial help, the purchase of equipment and videocassette production costs.

The video tapes were produced on the same concept level as the lectures they supplement. However, the tapes have the advantage of including prepared visuals, words superimposed across the video screen and film clips. WOI-TV, the commercial TV station owned by ISU, produced the cassettes which are viewed on television playback machines in the Media-Microform Center of the ISU Library.

According to Dolphin, the video cassettes do not take the place of live lectures. They are only a supplement. The cassettes help the student who was sick and missed lecture, or even those who slept through the lecture, he said. They also aid students who don't understand the previous lecture or want to work faster than the instructor teaches, he said.

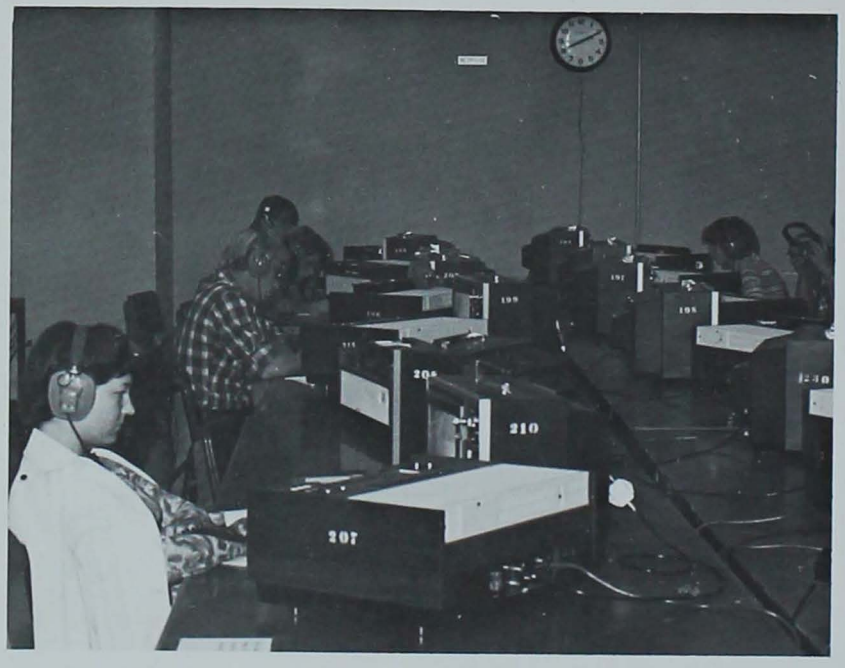
"The tapes provide more prepared material than an instructor could ever give in a large lecture, but on the other hand, it is a 'boob tube' the students are watching," Dolphin said.

Forbes, who is in charge of the Zoology 155 class, said, "I felt it was hard to teach physiology without a lot of audio-visual material."

Forbes said students like the video cassettes because they can stop the tapes and go back over a part they don't understand.

Larry Mitchell said the limitations of large lectures have always bothered him. "Visuals are necessary in biology, but are difficult to use in large classes," he said.

The lecture enrichment program also includes taking tests at the student's own speed. Test questions are held in a computer bank. When a student is ready



Iowa State students view video cassettes in the Media-Microform Center of the ISU Library. The cassettes are used in connection with introductory zoology and biology courses.

for a test, the instructor informs the computer to pick exam questions. Students can take a test over, if they didn't get the grade they wanted.

Melany Telleen, AA ID 4, took Zoo 155 where she had to use video-cassettes. She said the students she had talked to had varied reactions to the lecture enrichment program. Some felt it was great. The video-cassettes allowed them to skip class without feeling guilty. Students liked progressing at their own learning rate. There wasn't the added pressure of meeting deadlines.

Other students said the cassettes were just one more thing to do. One student said, "We have to go to lecture, read the material, listen to the video-cassettes, study the material and most of the students are taking labs which coincide with the class. It just seems to add to the amount of work that has to be done for one class."

Since "Lecture Enrichment" began, the use of the Media-Microform Center at the ISU Library has increased by 75 per cent, Anne Tully, supervisor of the Media-Microform Center, said. "I know it is because of the video-cassettes that the circulation went up here in the Media-Microform Center. The use of the things we've had here before didn't increase and in some cases have gone down."

Because of the increased use of the Media-Microform Center, one full-time employee was added to the center's staff. The number of student employees has risen from eight last year to seventeen this year. In addition, 34 new television playback machines were placed in the center.

One positive spin-off forseen from the video-cassettes is they could be used by Continuing Education in Extension to provide ISU classes off campus. This way, ISU credit could be earned without attending classes in Ames.

Another positive aspect is since Biology 101 and 103 and Zoology 155 are prerequisites for lots of classes, students could check out the cassettes to review for higher level courses.

The Individually Directed Education (IDEA) Systems is another possible spin-off from the video-cassettes. In the IDEA Systems, all cassettes for one subject area could be combined to form new courses.

This whole program should be an asset to students in the next few years, not just to Iowa Staters. People from all over the nation are waiting to see the results.



Above, students sign up for a video cassette check-out time in the Media-Microform Center. (Below) Mark Kluber, PE 3, views a video cassette for his Zoology 155 class.



Design College debuts fall '78

The new College of Design, which will encompass four academic departments at ISU, was approved by the State Board of Regents November 18, 1977.

The college will include the departments of applied art, architecture, landscape architecture and community and regional planning.

Applied art is presently in the College of Home Economics and architecture is a part of the Engineering College. Community and regional planning and landscape architecture will be developed from the department of landscape architecture and community planning in the College of Agriculture.

Discussions on the College of Design date back to 1960. A formal proposal for a school of design at ISU was made during the 1963-64 school year. The Regents authorized the ISU Design Center in 1967 for the purpose of coordinating common functions and responsibilities among the three departments. In the last 10 years, the Design Center has concentrated on the development and initiation of a basic educational program, a research program and an exhibits and lectures program.

The Design College's administrative offices will include the Dean, the chairpersons of the four departments and a director for the College of Design Research Institute.

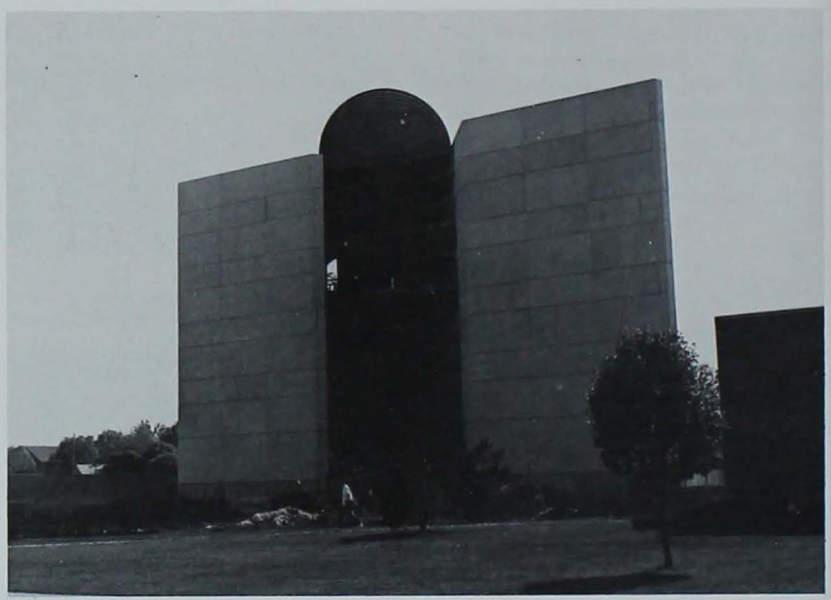
A search committee worked to help the administration select a dean for the college. Students and faculty members interviewed the applicants for the position and made recommendations to Presidents W. Robert Parks and George C. Christensen, Vice President for Academic Affairs.

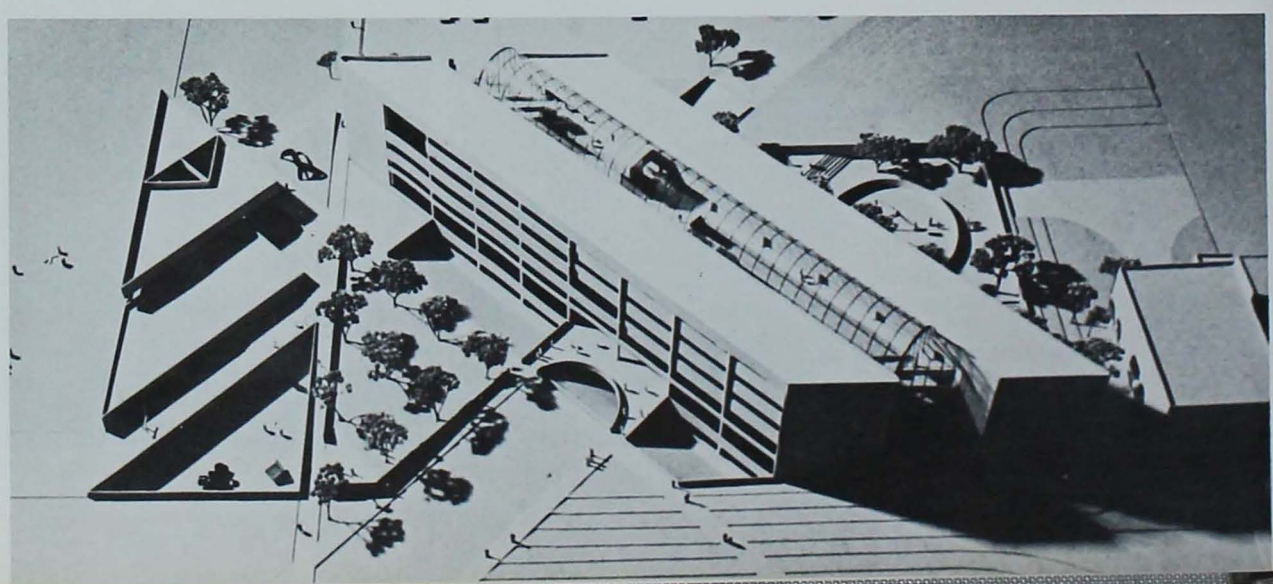
Dr. Christensen said that in addition to the college-wide administrative costs, the specific departments in the college will need additional funds as programs in teaching, research and service grow. These funds would be needed, he said, even if the departments had remained in their current colleges.

The new college will be the seventh undergraduate college and the eighth college at ISU. The others include agriculture, education, engineering, home economics, sciences and humanities, veterinary medicine and graduate.

The College of Design will be located in the Design Center Building which is currently under construction. It is scheduled for completion this summer. The new building will house programs and students that are presently located in 12 university buildings.

Dr. Christensen said that a curriculum committee will work to coordinate the requirements of the four departments. He added that any changes from the current requirements must be approved by the general faculty and the Board of Regents. The committee will also work, he said, to combine courses from the departments which are repetitions of each other.





Languages aid cultural understanding

Throughout the world, people are striving for greater human understanding—the understanding which comes from the ability to talk with people in their native tongue, and the ability to read their literature and history in their native language.

Just as language has been used historically to unify people within a country, I believe that an understanding of other languages can eventually help unify the people of the world.

W. Robert Parks
March 9, 1977

Iowa State University's President, W. Robert Parks, voiced his concern about the importance of foreign language study last spring. Since then, the topic of education in foreign languages has cropped up all over the country. Articles in *Newsweek* magazine and the Des Moines *Register* have stated the both national and local (Iowa) enrollment in foreign language courses has dropped off considerably since the late 60's, despite the pledge made by the U.S. in the Helsinki Pact of 1975. The agreement called for the 35 participating countries to "encourage the study of foreign languages and civilizations as an important means of expanding communication among peoples — for the strengthening of international cooperation."

President Carter has asked for the creation of a special commission to study the decline in enrollment and propose corrective measures. It is hoped that the commission can reverse the recent 30-35 per cent drop in college foreign language enrollments and increase the present enrollment in high school level courses. (Presently only 25 per cent of high school students are enrolled in foreign studies.)

The peak year for nationwide Foreign Language enrollment was 1968. Iowa State reached its highest enrollment in 1969 with a figure of 2,423. This number fell to 1,190 in 1977.

"Actually, the enrollment at Iowa State is pretty steady now - maybe even slightly increasing," Dr. Orrin Frink, head of ISU's Foreign Languages and Literatures Department said.

"I can't say for sure, but I feel our enrollment figures aren't a true picture of what has happened nationwide. The drop in enrollment here can be attributed to the dropping of the two-year foreign language requirement," Frink said.

Iowa State required two years of a foreign language for all Science and Humanities students until 1973. Some educators feel the drop is due to a decrease in the public's interest in foreign affairs, as well as a lack of appreciation in the importance of language studies.

Frink said he would like to see some type of foreign language study required again, because other cultures have so many things to offer Americans. Frink said anyone dealing with the arts or humanities is bound to study the Renaissance and Italian culture. Communication between cultures would be enhanced if more people would learn a foreign language, which they could apply to their other studies, he said.

"The problem we face is, 'which languages do we teach?' There are some 3,000 languages in the world. We must decide which ones are the most important," Frink said.

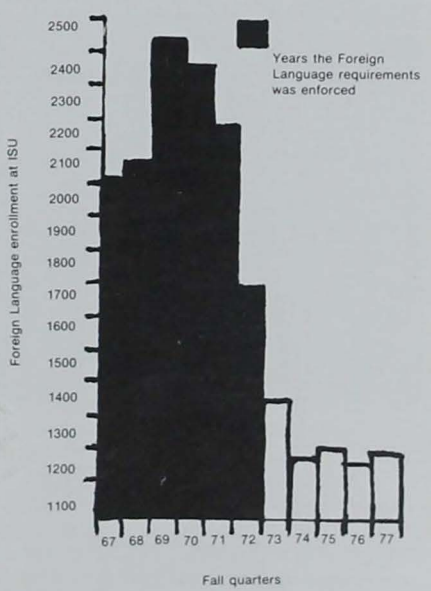
At Iowa State, the major emphasis is on the European languages. Eight languages are taught. French courses are the most popular, followed by Spanish, German and Russian, Frink said. Only eight students were enrolled in first-year Italian in Fall '77. The University suggests a class minimum of ten.

"I think 8 to 11 in a class is ideal, but the University says there should be 25 or 30. In some language courses, we have from 35 to 38 students. This is just too many. Learning a foreign language should be done on a personal level. I feel the quality of teaching drops in those larger classes," Frink said.

Frink said he would prefer more intense study in language courses. "The problem is we can only have a student in class for three or four hours each week. For ideal learning, that student should have 15 credits of a foreign language at a time. He should devote a full quarter to it," he said.

Becca Scott, Frnch-Engl 2, said, "One of the biggest problems here in America is that we seem to have a lack of concern for other cultures. We're kind of selfish in that way. I feel those in Liberal Arts should take a foreign language, especially those in psychology, sociology, music and the arts. All of those deal with people; they entail the study of people of other cultures."

Scott said communication is best when done on a person-to-person level, and the best way to get to know about another culture is to speak with someone directly about his or her native land using that language.





Individualized majors bridge S&H programs

Students in the College of Science and Humanities have an opportunity that no other college at Iowa State offers.

They can create their own major.

The program, which was created three years ago, is designed to provide in-depth study in an area of interest to the student. The Individualized Major Program bridges regular academic programs in the College of Science and Humanities.

Patrick Huelman didn't find a major at Iowa State that met his needs or really interested him. However, a number of programs offered at ISU did interest him.

"I looked at the Distributive Studies Major at first, but it wasn't quite right," Huelman said.

Through the Individualized Major Program, Huelman designed his own major to meet the interests he had. He is majoring in Environmental Design with a minor in Residential Housing.

"Someday I want to go into the field of building environmental homes," Huelman said, "I'll probably go into environmental consulting first though."

Toni Fontanini has an Individualized Major in Public Administration.

"Public Administration is a fairly new field that is going really well right now. Other universities have it as an undergraduate program," Fontanini said.

Fontanini said Iowa State does offer a graduate program in Public Administration.

There are 29 students at Iowa State who have an individualized major. Quite a few of the majors are in the Public Administration and Industrial Relations area. Two students have graduated with degrees in Preparation for Museum Work.

Individualized Majors is a nice way of looking at possible new majors for the administration," Dr. Richard Van Iten said. Van Iten is the Associate Dean of Academic Programs and is in charge of the Individualized Major Program.

Van Iten said that the administration can see a base of interest in certain programs by what students want in individualized majors. It also helps Iowa State to stay in the frontier of program development, he said.

To be enrolled in the Individualized Major Program, a student must be classified in the college of Science and Humanities. Students apply for the program during their sophomore or junior year by first obtaining an advisor in an area closely related to their individualized major.

The prospective Individualized Major student then completes a petition which explains the professional goal to be fulfilled through the Individualized Major. The petition describes in detail the academic program through which the student will achieve this professional goal.

A degree program is also completed. The student with an individualized major is required to earn at least 45 credits after the quarter in which his degree program is approved.

Huelman said that he spent a lot of time putting his degree program together.

"You need to spend a lot of time on things like this. You want to make a good program," Huelman said.

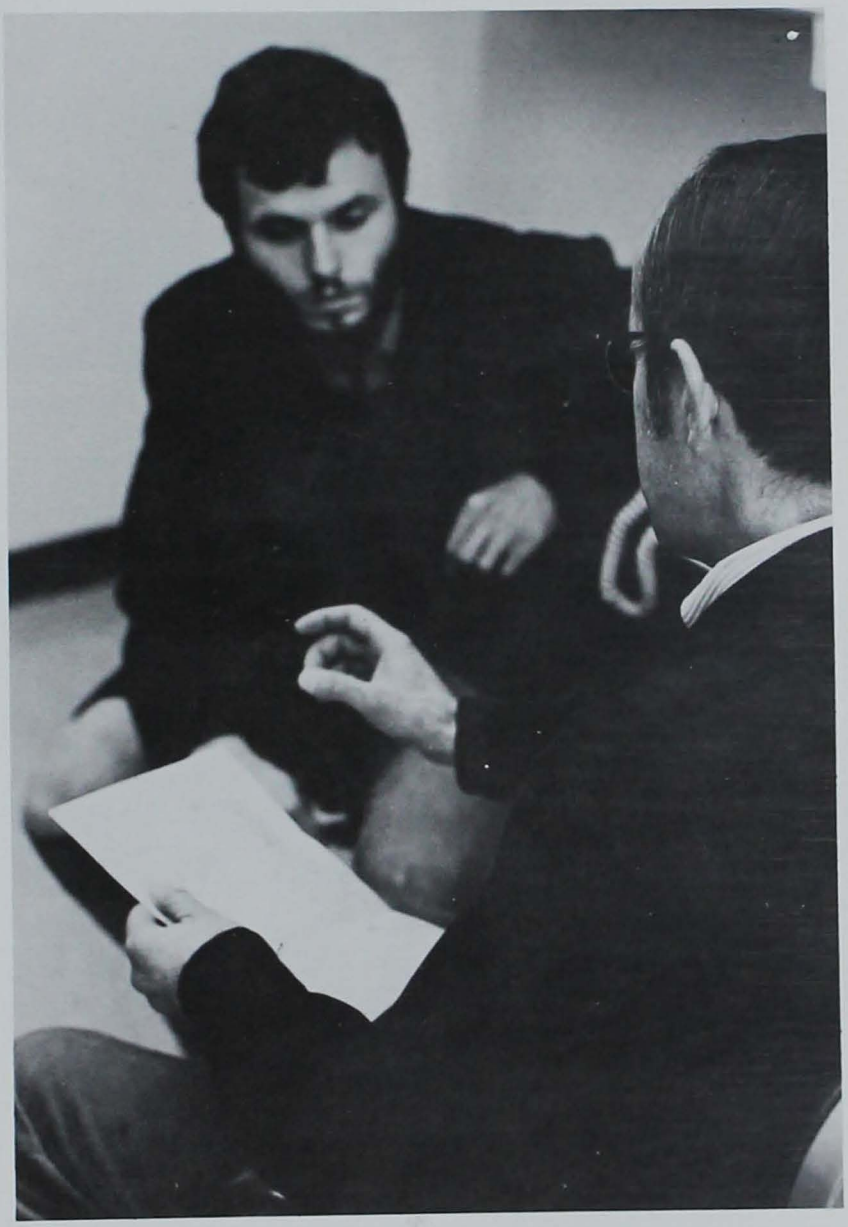
The student's proposal for an Individualized Major is brought before the Individual Major Review Board which is headed by Professor Elmer Klemke. The six board members represent the different areas of the College of Science and Humanities.

Klemke said the board checks each proposal to make sure it meets the catalog requirements and is academically sound. The board then decides to either except or reject a proposal. Klemke said that about half of the proposals are accepted.

The board also wants to make sure that the proposals are carefully planned, coherent course work in more than one department. Individualized majors are not to be used to create a major by putting all the courses together which a student has taken during the time spent at Iowa State.







(Above left) Individual majors Joey Adams (left) and Randy Kraciun discuss their programs with Elmer Klemke, head of the Individual Major Review Board.
(Left) "Individualized Majors is a nice way of looking at possible new majors for the administration," said Dr. Richard Van Iten, Associate Dean of Academic Programs and head of the Individualized Major Program.
(Above) Kraciun and Klemke iron out problems in Kraciun's major, Biological Illustration.

Externs Explore Careers



Leanne Little, An Sci 3, does lab work as part of her externship at Golden Sun Feeds in Estherville, Iowa.

Leanne Little was an "average sophomore" at ISU. Average, in that she had a major but didn't really know if that major was for her. She basically knew what her major was, but she didn't know the job opportunities it could prepare her for.

But Little wasn't an "average sophomore" for long. She broke the mold and found out exactly what her major could do for her. During spring quarter break of her sophomore year, Little took part in the Iowa State University Extern Program.

According to Margi Healy, Extern Orientation Coordinator, the Extern Program is an attempt to provide ISU undergraduates with the opportunity to observe and participate in a work experience related to their major field. Student externs spend their spring quarter break working with their host, a professional whose job relates to the extern's area of study.

Healy said, "It's a career exploration program as opposed to a way to help students find jobs. Our objective is to give students who think they know what they want to do, the chance to do it."

"Obviously, there are lots of benefits received from the program. To many ISU students, it may be the only real-world contact they have with their chosen fields prior to graduation. Also, it's a total experience. The extern lives in the community for a week, goes to work at eight in the morning, comes home at five at night and has to dress properly," Healy said.

Other benefits include getting professional advice on which college courses to take and which activities to be involved in before graduation, Healy said. However, the extern is not paid and doesn't receive college credit, she said.

"The experience gives the students a lot more motivation about what they're doing. They may find out that their chosen field is exactly what they want. They may find that their picture of their field is totally erroneous and they're heading in the wrong direction," Healy said.

Little said, "I was an Animal Science major with a Pre-Vet option. My chances of getting into Vet School were pretty dim. I wanted to know what I could do with a degree in An Sci. I was placed at Golden Sun Feeds in Estherville, Iowa, because I had an interest in nutrition. There were two nutritionists there. I learned a lot. I found out that there's lots of things you can do with an Animal Science degree. I decided that I could stay in An Sci, get a degree and get a good job."

According to Healy, sophomores and juniors gain the most from the program, because the externs need to have enough knowledge and experience in their field to ask their host the right questions.

Depending on his initiative and background, the extern may observe the host at work or actually take part in the job. This also depends on what type of experience the host wants to provide and the nature of the field.

When applying for the program, students submit a resume and proposal to the ISU Extern Task Force, explaining their career goals, interests and the type of externship they want. The Task Force consists of representatives from the Extern Program's sponsors: Iowa State University Alumni Association, ISU Student Alumni Association, Office of Student Life, Placement Council and Student Counseling Service. The Task Force reviews the proposals and matches the student with a host in his career field.

Healy said, "We want to provide this opportunity to anyone who is ready and indicates so by the proposal they write. The student must be clear about what he wants to do. We need a more clear definition than 'I want to work with people'."

Any expenses during the externship are taken care of by the student. "Some hosts will provide housing and meals but the host is not obligated in any way. However, students with finacial problems are not excluded from the program. We will look for ways to help a student who doesn't have the money to do it," Healy said.

"We are very conscious of the fact that it is a public relations effort on the part of the college. The students who go out are representing Iowa State. The extern needs to develop certain learning objectives before the experience. The extern and host must be in agreement as to what the learning experience will be," Healy said.

"The externs have to be well prepared. Many of our hosts support the university. They give money and participate in a lot of activities and obviously we don't want to send out a student who is ill prepared or who badmouths the university," Heay said.

The 1977 externs were placed at various locations including Betty Crocker Kitchens, Minneapolis; Chicago Bridge and Iron; Mary Greeley Hospital, Ames and the Omaha Chamber of Commerce. Forty-nine externs were placed in 1977 as compared to 23 in 1976.

Media methods aid future teachers

Teachers won't be replaced by modern teaching methods, but they will be re-placed into another facet of teaching, said Roger Volker, director of the Instructional Resource Center. They will have to get used to using video-tape machines and other mechanized media. No longer will a teacher be just a lecturer. He'll be a programmer, designer and organizer as well. The Instructional Resource Center (IRC), located in Curtiss 321, is an education lab which was designed to teach education majors about the different media available to them and how to use it effectively.

Volker compared IRC to a physics lab in that a physics student does lab work to support the information he has learned in lecture and recitation.

Education 301, required of all education majors, teaches them how to use the facilities in the IRC. Most students also use it later in specialized methods classes, such as math or science.

The technique of teaching and learning has changed with the expansion of the repertoire of possible media. It is no longer sufficient to teach with the voice and a piece of chalk, Volker aid.

Contrary to what many people say, the increasing use of media is not, Volker said, going to replace teachers, just as they were not replaced in the Middle Ages with the advent of the printing press.

Good teachers are still needed, he said, to answer questions that the video-tape machine, for example, may not answer. Live presentations should be combined with transparencies, reading assignments, etc. to get the best and most effective use out of the media available to the teacher.

Volker said that movies should not be viewed by teachers as frosting on the cake after the real teaching has been done by lecture. He should use the best of both to make the point clearly and briefly.

It would be great, he said, if teachers would use tapes, printed material and other media like the IRC provides because it would shorten the lecture time and leave the teacher with more time to answer questions and discuss other subjects.

In combination with media equipment, a teacher becomes a new entity. The teacher and equipment become integral parts of the teaching process, dependent on each other, Volker said, like a pilot and a plane are. They are separate products but when they are put together, they form a new product.

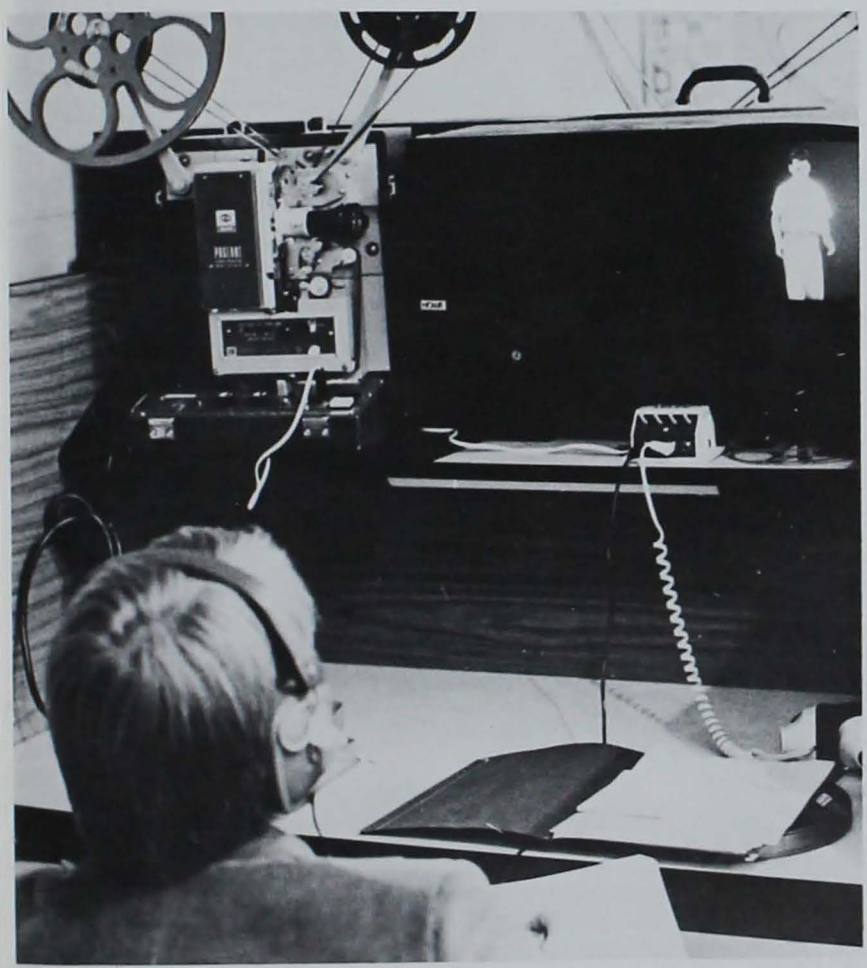
Volker stressed the difference in terms between audio-visual aid and media. He said that aid implies that one is helping the other instead of them being interdependent. He said that media is not a substitute for the teacher when he goes out of town.

Live teachers can never be replaced, Volker said. A study was done to get student reactions about listening to a lecture on video-tape. The over whelming result was that students would much rather see a bad teacher in person than on tape. In person, he said, there is always the air of the unexpected. On tape, though, it is dull and predictable, the same everytime it is shown.

In addition to the more common media teaching methods, movies, tapes, printed material, etc., Volker said that he is using a multiple response system in his graduate classes to find out how students feel about a particular topic. The more advanced system is computerized and the students each have a set of buttons that they can use for multiple choice or true-false questions.

He said he uses a less intricate method which works on the same idea but is like a color wheel, a different color for each response. He said he can see it from the front of the room and the predominant color showing is the consensus.

The multiple response system is especially helpful, Volker said, when a class is hesitant to answer questions individually.



An education major previews a film in the Instructional Resource Center.

Motivations exceed problems

Room 35: just another room in the Memorial Union to some students. To adult students, it is a refuge. Room 35 houses the Adult Students office, a place where the older than average student can sit and talk with people with similar problems and feelings.

Ann Molison said that over half of the 3000 adult students on campus commute, so the office also serves as a lounge between classes. Molison is a graduate student and an adult student counselor.

By sitting in the room and listening to the conversations of the students, you can start to understand the problems and successes that they have to deal with that the traditional-aged student doesn't usually have to worry about.

As a commuter, the adult student doesn't have a lot of people on campus who they can turn to with their academic and personal problems. Molison said that Room 35 and the Information Service for Adult Students in the Counseling Service provide places for them to turn.

Adult students have a particular problem in adjusting to the University, Molison said, because often they have been away from a formal learning situation for some time or have never been to college so the whole experience is an adjustment.

The program began in 1969, she said, as a support system for women who were returning to school. They saw their roles changing in the home and in the business world.

There are more men than women now, almost two to one she said, because of the influx of Viet Nam veterans on the GI Bill. Other men come to school because they either got bored with their jobs and decided to try something new or they had trouble the first time they came to school, dropped out and came back to finish.

Some adult students, especially middle-aged women, come back to take a few courses, Molison said, with no major in mind and perhaps no intention of ever graduating. They are here to learn for learning's sake. Molison said that this is the exception and not the rule.

The advantage that adult students have, she said, is that they are motivated to be here, not like some of the traditional 18 to 22 year-old students who came to college because that was what was expected of someone who graduated from high school. Consequently, she said, they have about one half a grade higher grade point average than the traditional-aged students do.

As much as these students want to go to school, Molison said, there is almost always a period of adjustment for the student. The first quarter is usually the hardest and if a student can make it through that, and the money doesn't run out, he or she will probably make it to the end.

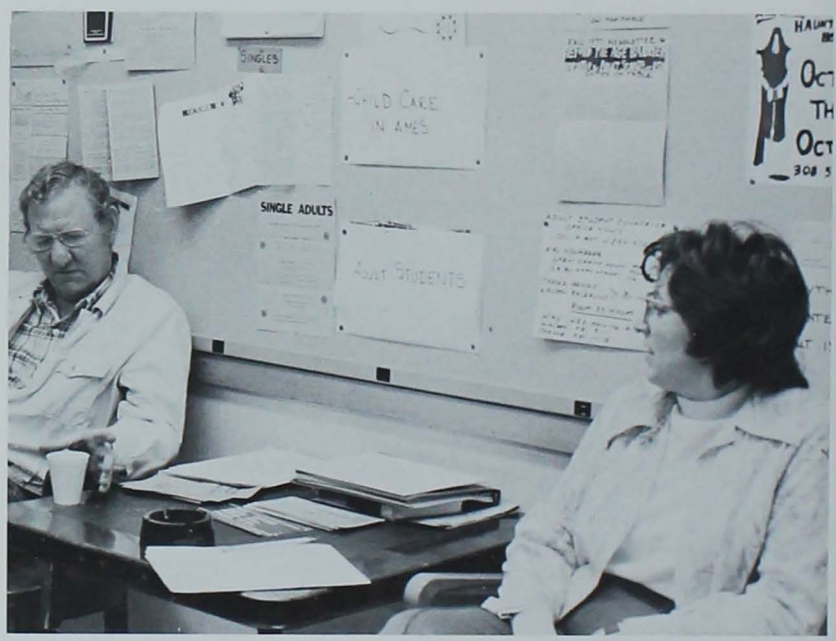
Adult student's problems are usually either adjusting to university life or personal adjustment, depending on whether or not the student is married, and whether there are children involved or not.

Molison said that especially when a woman comes to school, her spouse has a hard time getting used to the change in roles and often feels threatened by her no longer being only a wife and mother. The spouse, she said, may not understand the need for the student to spend time studying, which would give less time to the spouse.

One student said that the husband perceives a threat that doesn't necessarily exist. He blames the wife's change on school when it is actually the person and her relationship with him is changing.

In some cases, more often when the student is a woman, problems can't be resolved between them and the couple gets a divorce. Molison was quick to point out that this is not the rule, though, because most husbands are very supportive of their wives.

A related problem that adult students have is balancing their needs as parents and students. A child may not understand where the parent is or may think it is only a short term situation. Molison said that more than once her child has asked her, "Mommy, how long will you be a student?", not realizing that the change will be permanent, since she will be getting a permanent job once she finishes school.



Ted Brightman, graduate student in higher education, and Rosalie Ackerman, graduate student in bio-chemistry, relax between classes in the Adult Student Office in the Memorial Union.

Of the approximately 3000 adult students on campus, over 1400 are undergraduates. Molison said that graduate students don't have as much of a problem with adjustment because most of the students in their classes are near or over 25. The transitional problems are for the undergraduates who enter classes filled with the traditional aged students.

In more than one case, Molison said, an adult student has been outside a classroom waiting for class to begin and a traditional-aged student has approached him to ask if he is the teacher.

Although there are over 1400 adult undergraduates on campus, ten per cent of the total undergraduate population, there is usally only one adult student in a class.

One of the programs that the Counseling Service offers adult students is the Adult Student Package Program. The program is designed mainly for freshmen who are uncomfortable being the only adult student in an undergraduate class. The program tries to work out schedules so there are at least two adult students in a class. Molison said that it is an for students in transition and that after the first quarter or two, the student feels comfortable enough in his classes that he doesn't need the support of another adult student.

Adult students don't take as much advantage of extra-curricular activities as they would like, concerts at C.Y. Stephens, for example. One student said that one reason is because an adult student usually has responsibilities at home and can't afford to take away from the time needed at home.

Another reason is that many adult students don't want to attend activities alone. The Adult Students Office can help here because they can help find people with common interests.

Some students who were in Room 35 one afternoon talked about adjustmens and problems that they had to work out. Most of them agreed that the traditional-aged students who they have had classes with have had very positive attitudes about them. Most don't even realize that a person is an adult student until something specifically emphasizes the point.

Molison said that most 18 to 22 year-old students appreciate their willingness to participate in class. One adult student said that sometimes a student has to listen to a professor make a statement about the "real world" which she knows is wrong. To get a good grade in the class, though, she must use the professor's statement. Another student pointed out that it depends on the class as to whether or not a student should disagree with what the professor says. If often, he said, leads to very interesting discussions.



Gene Horton, a senior in sociology, discusses workshops offered through the Information Service for Adult Students in the Counseling Service with Kay Holmberg, Adult Student Program Supervisor.

Most adult students will ask questions in class that may sound dumb, one student said, but he doesn't really care, and besides it's usually the same question that a lot of other students had but were to worried about what other people would think to ask the question.

The movement between university and home life is what one student termed almost schizophrenic. They are two completely different worlds, she said, and many of her friends at home may not have had the same experiences as she has had in college so they don't talk about it. They stick to the topics that they have in common.

Workshops offered through the Counseling Service cover everything from Assertiveness to Death and Dying and range from two hours to nine weeks. Molison said that some workshops are geared toward answering school related questions and solving transitional problems, but many of them can be applied to life outside school. Assertiveness training, for example, teaches a person to be positively aggressive, in talking to a professor or in returning an unwanted item to a store. It teaches people to be able to communicate and get their rights without forcing themselves on other people.

Response to the programs has been so good, Molison said, that they are usually offered every quarter. The Counseling Service tries to schedule an afternoon session in addition to an evening one so more adult students can attend them.

Attitudes toward school are very positive, because, as one student put it, school is rewarding and it gives you a feeling that you've accomplished something. It's not like housework, where in an hour you can't tell the work that was done. She said that she felt stagnated when she was staying at home. She felt like the only people she could communicate with were young wives with families.

Molison said that with all the barriers the adult students face against a successful career, "their motivation exceeds their problems."

Solutions to reading time dilemma

Fall quarter 1977. It was parties, football games, new friends . . . six chapters of Soc 134 . . . four hundred and ninety-two pages of Western Civ . . . "The Grapes of Wrath," all due tomorrow.

Each quarter, some Iowa State students turn to speed reading or reading efficiency courses in an attempt to solve heavy load problems.

Three courses were available to ISU students fall quarter, Evelyn Wood Reading Dynamics, Dennis Hurd and Associates Developmental Reading and a university course, English 200.

Erica Brevet, an Evelyn Wood instructor, said students completing the course can read six to ten times faster with 15 per cent better comprehension.

The $395 seven-week course will triple your reading efficiency or your tuition will be refunded, Brevet said. This does not include the $95 registration and testing fee. The Evelyn Wood student must fully complete the course without tripling his reading efficiency before his money will be refunded. The student must attend all classes, complete all homework and follow all instructions given by the teacher.

Prospective Evelyn Wood students are given a free reading lesson before enrolling in the class. The program is explained and students take part in some reading drills.

"I went to the Evelyn Wood free lesson because a radio ad said I would increase my reading 50 to 100 per cent just from the free lesson. Well, maybe I did something wrong, but it didn't work for me," an ISU student said.

In response to this statement, Evelyn Wood instructor Marty Potrop said, "She (the ISU student) obviously heard the radio wrong. The ad says you can increase your reading speed by that much. It is not a guarantee. It just doesn't work for some people, which is made clear in the mini lesson. I'm not saying this is why she didn't improve, but one big reason that a lot of people don't improve is that they don't follow directions."

Those taking the Evelyn Wood free lesson fall quarter were given a pamphlet promoting the course. The pamphlet states, "The Reading Dynamics method has been used by United States Senators, Congressmen, educators, students, business executives and professional people. Presidents Kennedy and Nixon both asked us to give this course to members of their staffs in the White House." Another section of the pamphlet says, "President John F. Kennedy, much impressed with Evelyn Wood Reading Dynamics, had his chiefs of staff as well as the members of his cabinet take this course at the White House."

A 1972 Council of Better Business Bureaus, Inc. (CBBB) report states, "Since 1960, advertising copy for Evelyn Wood has claimed that the staffs of Presidents Kennedy and Nixon completed the speed reading course. When questioned by CBBB, the required authorization for such claims from the Counsel to the President, could not be produced by the company. On July 29, 1970, an Evelyn Wood franchise agreed with the Federal Trade Commission to discontinue misleading advertising of the initial free "Mini-Lesson" used to introduce the course to prospective students. The agreement did not constitute an admission of wrongdoing."

According to Evelyn Wood Executive Vice President Allen Galldin, the 1972 CBBB report has no relevance to the company today. "I don't know about what happened seven to eight years ago. In fact, no one who was with the company then is with the company now. All I can say is that we did teach those people. We have films of the people taking the course," Galldin said.

"Back in '59 or '60, *Time* magazine wrote an article about Kennedy taking our course. That article made us a company. Nixon at one time even had a letter sent from the White House thanking us. I don't know where the letter even is now," Galldin said.

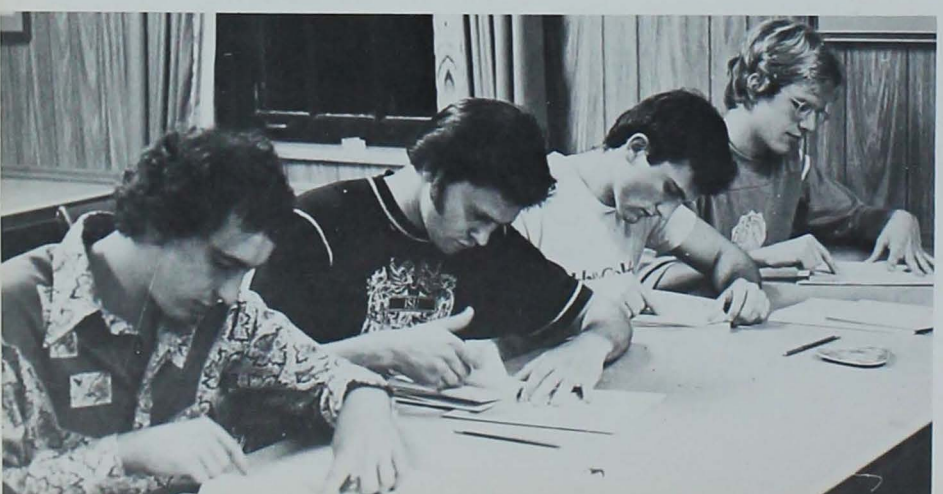
According to Galldin, President Carter took the Evelyn Wood course recently, but the company doesn't use this information in their advertising. The White House told the company not to release the information, he said.

At one time, Evelyn Wood Reading Dynamics had a base in Iowa City, however the base dissolved some years ago, Galldin said. None of the Evelyn Wood personnel with the company during the time of the CBBB report are still with the company, he said. "What happened five or six years ago in Iowa has no relevance to our company today," he said.

Evelyn Wood instructor Erica Brevet said almost everyone is skeptical about enrolling in the reading course. "Although about everyone has some misgivings, I've found people from the midwest to be less skeptical. They seem to trust people. People living on the coast are used to getting ripped off. Six to eleven-year-olds are the best learners because they aren't skeptical. Tell them they can do it and they'll believe you. If you tell them they can read upside down, they will," Brevet said.

Average people read only about 250 words per minute because they were taught to read incorrectly, Brevet said. Slow reading is the direct result of three commonly used teaching methods: focusing in on specific words, reading aloud and keeping children's fingers off the page, she said.

"When children are taught to focus in on words, their eyes fixate on the words instead of flowing down the page. It's like when you walk into a room. You see the whole room at once. You don't look at it



Evelyn Wood reading students "let their fingers do the walking" as they practice a speed reading drill.



(Above) Evelyn Wood instructor Erica Brevet leads her class in a timed reading drill. (Right) Dennis Hurd displays some of the books his students read in his seven-week developmental reading class.

in seperate parts. Teaching a child to read aloud or "read to himself" teaches him to subvocalize. This slows down the reading process because the child repeats the word to himself after his brain has already received the message," Brevet said.

Evelyn Wood offered her reading method to the public schools but it wasn't accepted, Brevet said. If the Evelyn Wood method had been accepted, all teachers would have had to have been retrained and more books would have had to have been purchased, she said.

"It's not a miracle type of thing. Anyone can learn it if they work at it. Over one million have been taught since it was discovered 20 years ago," Brevet said.

The Dennis Hurd and Associates Developmental Reading class has been taught at Iowa State every quarter for seven years. Dennis Hurd, Ames High reading and learning disabilities teacher, said his speed reading method will improve your reading rate six to eight times with a five to fifteen percent increase in comprehension.

The $95 seven-week course will cut students' study time in half, Hurd said. At the end of Hurd's class, students can read, discuss and take notes on the "Grapes of Wrath" in two hours, he said. Each student gets individual attention and the program is geared to the person's specific major, he said.

An ISU I Ad major who took the Dennis Hurd course two years ago said, "They took our picture the first day and said it was to remember us when the class was over. When the class was completed, they asked us to make a comment on the course like 'it was fun' or 'the coffee was good.' A couple of weeks later, my picture was in the *Daily* with my comment under it. They didn't even ask me if they could use the picture. In the *Daily*, it said I was one of the most improved readers, but it didn't make sense. At the beginning of the course, they tested our reading speed on a fairly difficult book, but at the end of the course, we were tested on a 3rd or 4th grade level book."

Dennis Hurd said, "We did take the students' pictures at the beginning of the class. When the class was completed, we asked them to make a comment on the class. We didn't ask them to say it was good. We just wanted their honest comments on the course. We specifically said that if anyone did not want to appear in the *Daily*, they should say so on their sheet of paper. I have records on file of people who didn't want their comments publicized."

According to Hurd, the first test was over the "Biography of Einstein." The final test was over the same book. According to the Frye Readability formula, the "Biology of Einstein" is measured at a 12th grade reading level, he said.

"Any student who is dissatisfied with the material or methods or for some reason couldn't complete the class or didn't get much out of it can come back at any time and retake the whole course or any part of it with no additional charge. We felt this was the most fair way to do it. If the student misunderstood the method of not appearing in the *Daily*, perhaps he didn't know he could retake the class if he was dissatisfied," Hurd said.

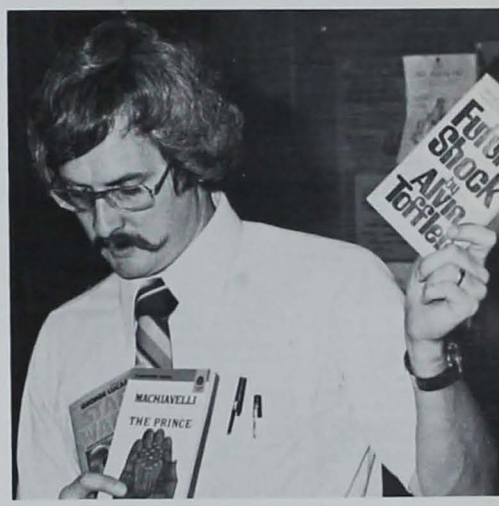
Wayne Bruns, JLMC 3, who took the Dennis Hurd course about a year and a half ago said, "It's no magic but it does work. You have to put work into it and it's not really all that different than regular reading. It was worth the money. It helps you pick out the key parts to read and it helps with taking notes. The only thing is you have to keep working at it." Bruns said everyone in his class was asked if they wanted to appear in the *Daily* advertisement for the course.

Iowa State offers a reading course, English 200. The course's instructor, Bill Fowler, said the class's objectives are to improve comprehension, reading efficiency and reading flexibility.

"We hope and usually find that in working on overall reading efficiency and flexibility, mainly focusing on comprehension, that there will be some increase in speed. We stress that speed is incidental. It does come, but it isn't as important as comprehension. It's not important to read fast unless you understand what you're reading. What you're reading has to make sense. It can't just be words," Fowler said.

According to Fowler, most students who take the class are interested mostly in speed. "A lot of student conceive the course to be like the commercial courses. After we tell them the emphasis of our class, a few drop out but most stay. They find the course has a greater applicability and transfer to textbook training," Fowler said.

"Through comprehension exercises, we change the student's idea of what happens when they read. We teach them to seek meaning and the sources of



meaning. They learn the importance of prereading to know what they're likely to expect. We generate a familiarity with a set of idea patterns," Fowler said.

Last fall, the Iowa State student who wanted to improve his reading speed or efficiency had three alternatives. If he wanted to focus on speed and had money to spare, he enrolled in either the Evelyn Wood or Dennis Hurd courses. The student who place importance on reading efficiency and flexibility enrolled in English 200, the course offered by Iowa State.

Campus changes aid handicapped

Close your eyes and imagine walking down a hallway or sidewalk, not being certain of what was in your path. Or try getting around campus without the use of your legs and being confined to a wheelchair. These are two obvious handicaps, but there are others.

You have probably walked right by someone without realizing they are handicapped. Someone could have epilepsy, diabetes or a hearing problem which are not obvious handicaps. These handicaps do not restrict a person from learning and therefore should not stop anyone from getting a higher education. The law acknowledges this.

According to Section 504 of the Rehabilitation Law of 1973, an institute of higher education which receives federal funds cannot have policies and procedures which discriminate against qualified handicapped persons. It also states that all programs must be accessible to these students. Inherent in this is the accessibility of the buildings and Iowa State is working toward this goal.

The physical plant is currently working on a long range plan to make the necessary modifications to make more buildings accessible. Their plan is set up in two phases. The Iowa Board of Regents allocated $130,000 for the first phase and $400,000 for the second phase. The Iowa legislature funded these phases.

The physical plant finished the first phase, making mobility easier between and into buildings. This included the installation of ramps and making curb cuts in many of the sidewalks.



The physical plant workers have started the second phase which entails making it easier to move around within the buildings. This mainly involves modifying old, and installing new elevators.

Other improvements included lowering water fountains and specializing rest room stalls by adding grab bars, raising the stool's seat and widening the doorway to the stall. Also, an electric door was installed at the Student Health building, and a chairlift was put in the library. There are plans to install an elevator in Beardshear.

If a student needs to sleep on a waterbed for medical reasons, then arrangements can be made to have a water bed put in an appropriate living area through Charles Frederiksen, director of Residence Halls.

Special foods are available through Student Health Service for those students who are diabetic. Exceptions can be made blind students when taking tests; they are allowed to have someone with them to read the questions.

These improvements may help some or most handicapped students, but each handicap varies with the individual.

What one modification may help one student may also hinder another, said Doug Marks, program advisor in the Office of Student Life. This is true with curb cuts. These aid those students in wheelchairs, but could be disastrous for a blind student because they cannot easily tell where the sidewalk ends and the street begins.

Also, the modifications made this year may have to be changed in the years to come. The process of making the modifications to make mobility easier and building more accessible to the handicapped will be everlasting, according to John Pace of Space and Schedules.

One of the services Pace offers is to help those handicapped students who want to be helped in getting from class to class. He will try to schedule an hour between classes if it would be too difficult to get from one class to the next in 10 minutes. Also, he will ask an instructor to change classrooms to help accomodate the handicapped student.

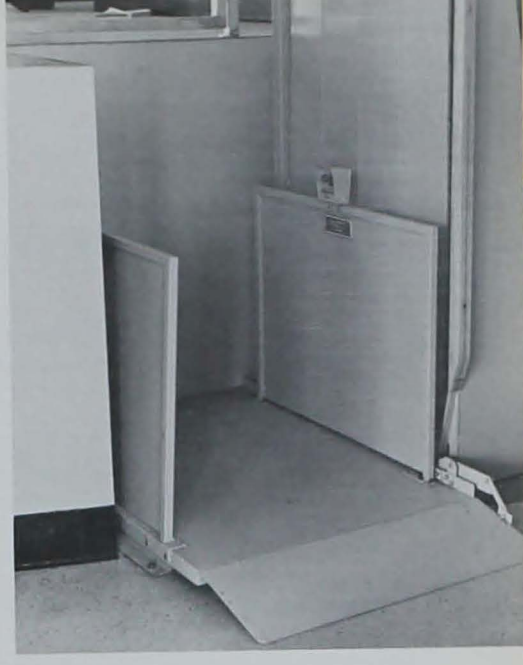
Pace gets the names of these handicapped students through the Vocational Rehabilitation Center.

The Vocational Rehabilitation counselor is Buckley Peterson. Peterson's work is carried on even after the students graduate. He said his main goal is to get the student a job. He keeps individual case histories on each student throughout his stay at ISU until he gets a job. Peterson is also involved with the expenditure of some funds to these students. Though this office is located in the Student Health building, it is not part of the University. It is funded by the Iowa Rehabilitation Education and Services Branch of the Department of Public Instruction.

There is a service for handicapped that is part of the University and is in the Student Health building. Doug Marks works with the program, which deals with handicapped students when the need arises.







(Opposite above and above left) Staircases like these in Curtiss Hall are major obstacles to people in wheelchairs, especially since Curtiss's elevators were closed. New elevators are being installed there and around campus. (Opposite below) This button was installed in the Student Health building to aid in maneuverability in entering the building. (Above) A life was put in the rotunda of the library to get to the first floor. From there, all levels are accessible by elevator. (Below) Ramps like this were built around campus to aid handicapped students in entering the buildings.



Last fall, Marks was able to reserve a parking place and have a wheelchair stored in Beyer Hall for a faculty member who cannot walk for any considerable distance.

According to Marks, the handicapped student services he is involved with will be in the assessment stage probably until 1980. This is because it is difficult to determine all the needs of the handicapped because every handicap and every handicapped person is different, he said. Meanwhile, he will be making progress toward a job description of responsibilities that will help implement Section 504.

Some handicapped students may have common problems and/or concerns. Students can discuss their experiences and learn from each other at the meetings of the Handicapped Student Organization. The faculty advisor and one of the people who originally formed this group about six years ago is Ron Grooms.

When this organization was first formed it was fairly active, but then dwindled, Grooms said. This year, there was an effort made to strengthen it again, he added.

Approximately three or four years ago, Campus Chest allocated money to the organization and they have not used this money up yet, Grooms said.

He said he feels that the physical plant workers are doing a good job with their building modifications. They contact him to get his opinion on certain things they are working on.

Graduate student Stan Powell, a handicapped student, said that he is pleased with the modifications being made. The pace at which they are being done is understandable due to funding and other factors, he said, but it is also frustrating.

Powell said he would like to see more parking spaces at various buildings such as the library and the Memorial Union that are designated for the handicapped. He also noted that rough sidewalks are dangerous to someone in a wheelchair.

The buildings, especially the older ones, show they were built before there was a concern for their accessibility to the handicapped, but Powell said he thinks the University is moving in the right direction.

Environmental Studies Program may become major

Iowa State may soon have a new major . . . Environmental Studies.

Currently, Environmental Studies is a 45 credit program which supplements a disciplinary major. The program has two basic goals. One is to train professionals who will someday become environmental problem solvers. The other is to provide a general education program for interested students who don't want to take the whole program.

The program's director, Dr. Craig Lewis said, "We're in the business of training professionals, but we also provide a series of integrative courses that discuss the environment and environmental problems in a broad way."

According to Lewis, the program hasn't been a major in the past because it's a new field. "When we started the program four or five years ago, we decided that Environmental Studies shouldn't be a single major because we can't provide the depth that a disciplinary major gives. We didn't want to jeopardize that depth. We didn't want to train generalists who didn't know very much about anything," Lewis said.

"We developed this program as a trial mechanism. We wanted to see if we could run a program that was complementary to the disciplinary major and would turn out students who had both the disciplinary depth and the interdisciplinary breadth. We were able to do this and our students are getting jobs," Lewis said.

"Environmental Studies ought to be a major because the students are doing the work. Why not give them credit for it? They're doing a program that consists of 45 hours of very rigorous course work. This is nine hours more than the requirement for a major," Lewis said.

Students in the Environmental Studies Program are faced with the problem that many prospective employers don't understand what a "program" is. "A major is a recognizable ticket. If you send out a resume that says you double majored in Journalism and Environmental Studies, the employer knows what that means. If you say you majored in Journalism and completed the Environmental Studies Program, that's ambiguous. No one really knows what it (program) means," Lewis said.



The Environmental Studies group has developed this model to help duplicate the tangled interrelationships concerning environmental problems.

According to Lewis, the Environmental Studies Program isn't administered through any of the colleges at Iowa State. Therefore, it doesn't show up on students' degree programs. If Environmental Studies becomes a major, it will be administered through each college that accepts it. Lewis said that hopefully all of ISU's colleges will accept the program as a major. However, the major can not be utilized by the College of Engineering, he said.

There are currently about 62 students enrolled in the Environmental Studies Program, but less than two dozen have graduated from the program, Lewis said.

"There's not as much interest in environmental matters now as there was in the early 70's with the environmental craze. The people remaining are very serious about trying to solve some of the environmental problems. The students in our program are concerned. They see things going on that bother them," Lewis said.

The students' environmental concerns vary considerably. Some are interested in the energy problem, while others are concerned about protecting the wilderness. Still others are interested in cutting down on pollution.

Lewis said more people will be needed in the area of environmental studies because environmental problems won't go away, they'll only get worse and worse. "I am positive that this is going to be an increasingly viable area career-wise. More and more jobs will be opening up in the future," Lewis said.



"We're in the business of training professionals, but we also provide a series of integrative courses that discuss the environment and environmental problems in a broad way," Dr. Craig Lewis said.

College results: myth or reality?

"College is the only place where you can take different fields without being called a bum."

This is how one student expressed his feelings about college in Carolyn Bird's book, *The Case Against College.*

In her book, Bird said college can't claim much credit for the learning experiences that really change students while they're there. "Jobs, friends, history and most of all the sheer passage of time have as big an impact as anything even indirectly related to the campus," she said.

According to Edwin Lewis, ISU's assistant vice-president of academic affairs, the impact of college is different for different students. "I can cite many students for whom the primary impact has been a particular professor or a particular course that really turned them on. For other students, it's the residence experience, social events or other people. It's not to say that people wouldn't grow and develop if they hadn't gone to college. There are other ways of growing and getting experience. It's just that college forces them into a growth situation they might otherwise have avoided if they had stayed home and gotten a job without moving out of the type of life they had been involved in before," he said.

Lewis said he wasn't sure that everyone should go to college. "I think that people who are potentially capable of benefiting from college, meaning that they have an adequate level of basic skills and general intelligence ought to at least try college to see if it could add something of potential to their lives. Some people try it and find it's not particularly what they're interested in. I don't think these people should be forced to stay," he said.

In *The Case Against College*, Bird said society shouldn't expect young people to go to college. "If high school graduates don't want to go - or if they don't want to go right away - they may perceive more clearly than their elders that college is not for them," she said. High school graduates see college graduates driving cabs and decide it's not for them, she said.

Bird pointed out that colleges do not officially accept the responsibility of helping students choose a career that will lead to a good job.

According to Lewis, a person's choice of a major shouldn't be forced or restricted depending on job opportunities. "The college does have the responsibility of making information available to students as to the job opportunities in a given area. However, any student has the right to emerse themselves in any area they're interested in, even though there may be no jobs in that area," Lewis said.

Both Bird and Lewis agreed that the college degree has become a prerequisite for many jobs and sometimes even an easy way for employers to screen applicants. In her book, Bird said employers sometimes require the diploma because it's a cheaper way to screen the applicants.

Lewis said, "Maybe a diploma isn't necessary for the job but nevertheless, employers will give college graduates an advantage over people without a degree. I think this is because having a college degree is a testimony, not so much that the individual has a lot of knowledge, but that the person is teachable. If they do hire the person, he will be more likely to be able to learn what it is he has to know to do the job well. In some areas, such as engineering, it also means the person has some basic skills and technical knowledge needed to do the job well."

In *The Case Against College*, Bird says high school graduates go on to college to better both their monetary and psychic income. "Psychic income is primarily what college students mean when they talk about getting a good job. The monetary gap between college professor and auto worker is now surprisingly small but the difference in psychic income is enormous," she said.

"Nobody knows how many students graduate with debts to their families, but we do know about their debts to institutions," Bird said. "As of June 30, 1973, 3.5 million students owed $4.8 billion to banks which had lent them money under the federally backed Guaranteed Student Loan Program and 2.4 million students owed their colleges and schools $2 billion that had been lent to them under the National Direct Student Loan Program," she said.

According to Lewis, students attending a state university such as Iowa State are getting a bargain. "The costs are relatively low as compared to the total cost of operating the university. The students pay maybe only a third or quarter of the cost. I think the students are really getting a bargain," he said.



Discussion on the importance of a college education hasn't kept ISU from crowded classes.

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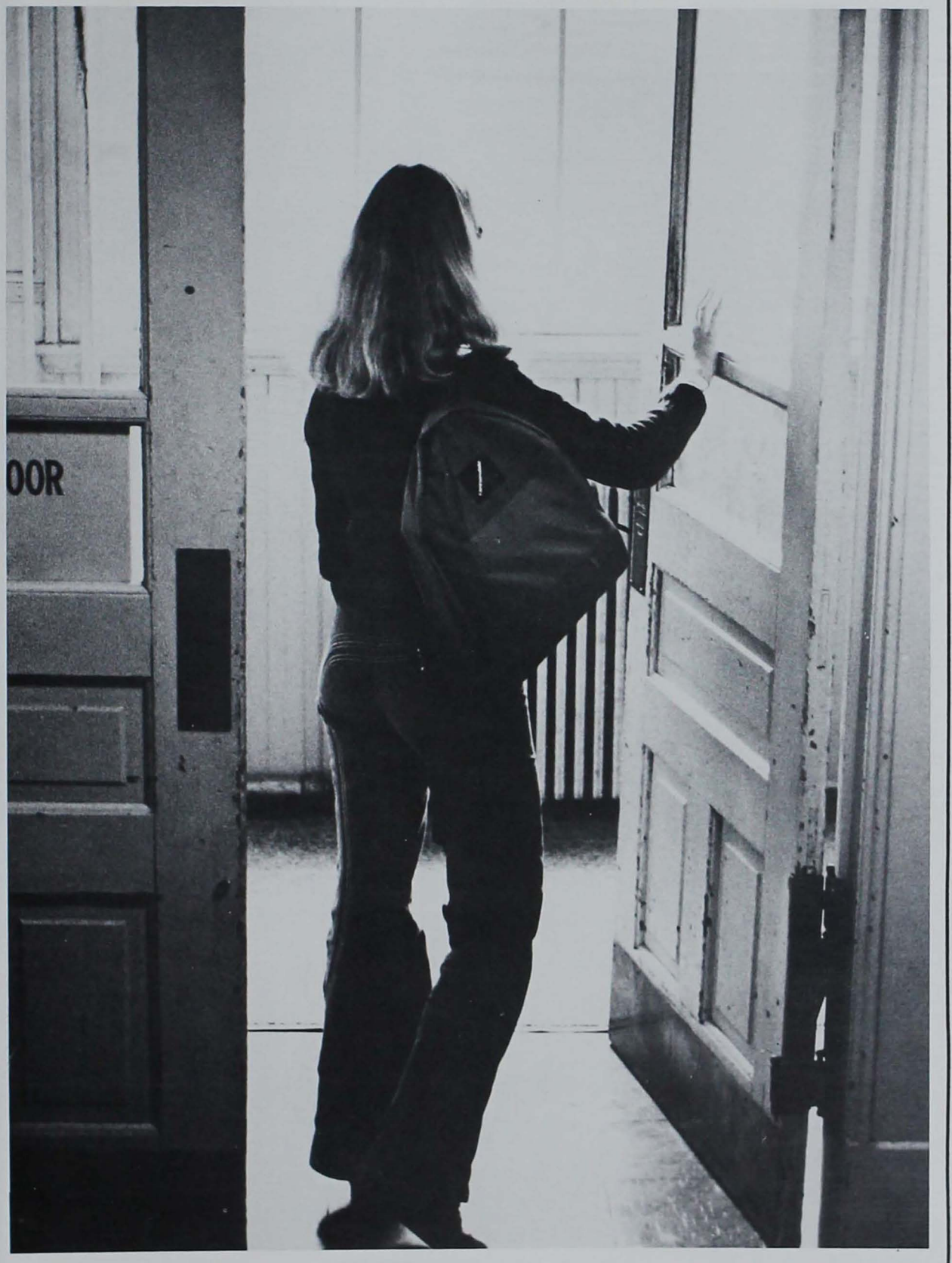
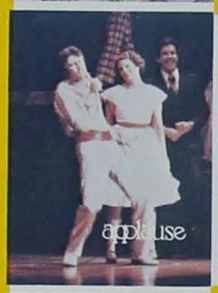


Morrill Hall-Bill Mahoney













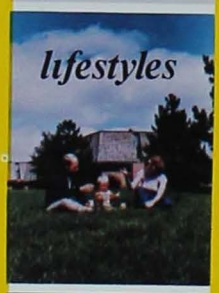






CAPTURE THE INSIDE STORY









applause

The Inside Story . . .

applause

What the Iowa State student does for entertainment is as varied as the students themselves. Whether it be a theater production, a lecture in the Sun Room or a movie in Campustown, students can really rarely make the excuse, "There's nothing to do."

In fact, if any excuse, the most sensible one would be that there's not enough time to do everything.

In the Arts and Entertainment section of Bomb 78, entitled *Applause*, we have tried to not only cover what students *go to* for entertainment, but also what they are *involved in.* We are capturing not only who we applaud but those who received our applause.

When mentioning entertainment, people tend to naturally think of the "big" concerts of the year. But at Iowa State, entertainment includes so much more and *Applause* intends to capture all of it.

We have divided the Arts and Entertainment section into five main categories this year. We try to make life easy. They are Music; Lectures; Theater; Dance; and Art. Each section captures the inside look of a particular facet of the entertainment scene. We also try to make life a little more organized.

What kind of music is there at Iowa State? All kinds, we found out. So we have not only included the concerts of 77-78, Bread, Foreigner and Seals and Crofts, but also musical endeavors by students themselves, including the Cardinal Keynotes, the Marching Band and the Iowa State Symphony.

You may not think of "lectures" as entertainment, especially on a Monday morning at eight o'clock, but Iowa State offers many after-hour lectures with a wide scope of topics. In the lecture section of *Applause*, we cover the Bruce Jenner lecture, along with comments made by Ralph Nader and Judith Crist when they were each here. George Carlin and Steve Martin are also included in this section, although their style would have to be considered the furthest thing possible from a traditional "lecture."

Although we have featured everyone's favorite—The Stars Over Veishea show, on our cover, other theater productions also include outstanding talent and performances. We have included several of the Iowa State Theater productions and also the Student Union Board's always popular productions in the Maintenance Shop.

As a special treat in the Theater section, we capture the inside story behind the scenes by going backstage to learn of the work that goes into costumes, set design, make-up and direction of a theater production.

We also capture another form of student's entertainment—television and movies. Students do not always have the money to dress up and splurge for something at the Center, so TV and movies provide a less expensive way of entertainment.

It is our hope that through *Applause*, we have captured the variety and range of entertainment possibilities of the 77-78 year. We hope that we have not only covered the events that you have attended, but also given you some examples of the choices offered, both in participation and in experiencing.

-Gwen Kuhrt
Applause Editor

Gwen Kuhrt







applause

94 MUSIC

This year was an all-time record for number of concerts. Students responded favorably and so hopefully top-notch performances will continue. In the music section are reviews on Ronstadt, Bread, Chapin, Nelson, Clapton, and Seals and Croft, among others. There are also features on the ISU music makers, including the marching band and ISU singers.

118 LECTURES

Lectures at Iowa State covered a wide range of topics and interests. Ralph Nader and Judith Crist were perhaps the best well-known of those appearing. Also in the lecture section are reviews on Steve Martin, George Carlin and Marcel Marceau, quite different from a lecture. There is also a feature in this section about the ISU Lectures Committee.

128 THEATER

The Theater section is highlighted by an in-depth look at what goes on behind the scenes of producing a play or musical. This section also includes reviews on all major theater productions by the Union Board, ISU Theater players and the Stars Over Veishea production of "Bye, Bye Birdie." A review of the Julie Harris appearance at ISU is also included.

150 DANCE

Topics in the Dance section range in scope from the Dance Marathon to belly dancing. Reviews on the Orchesis performance of Barjche and the performance of the Joffrey Ballet, a feature on the Madrigal Dinner and "The Play of Danial" and a report on the Naiads annual spring water show are also included in the Dance Section.

162 ART

In the Art section there is a feature on the craft classes available at the Union. There is also a feature on last spring's Focus festival and a feature on a student art exhibit that was shown at Brunnier Gallery. We also have special features on television and movies of 1978, a very important part of a students entertainment.

ACKNOWLEDGEMENTS
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Cover photo by Bob Carson

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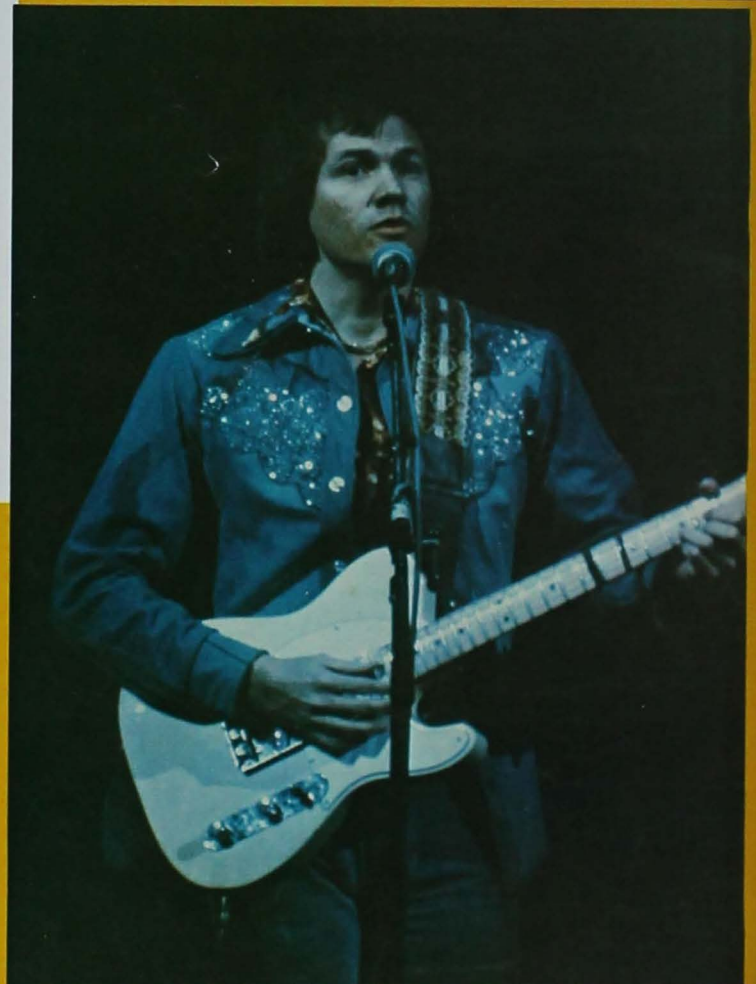
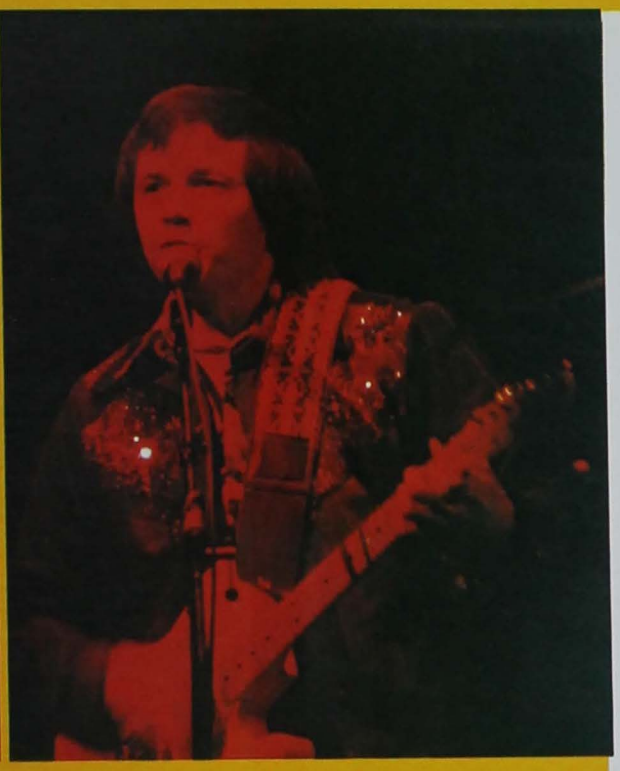
brea









bread

A thoroughly enjoyable but predictable concert given by Bread as part of Residence Hall Week, 1977. The concert was held March 19 at Hilton Coliseum to a sell-out crowd.

The concert was predictable: Bread sang all of their hits as their fans knew them best and wanted them to be played. Although Bread had broken up for approximately four years, you could have never guessed it by the enthusiasm of the crowd. Each of their hits drew unanimous approval from the crowd.

David Gates, lead singer of Bread was the star. He sang most all of the hit songs, many of which he has written. His sweet and easy style of singing has come to mean Bread to many.

Gates filled in the gaps between songs with short stories and anecdotes. In their first hit song, "Make It With You," Gates humored the audience by explaining that when it first came out, it was mistakedly reported in his hometown as "Naked With You."

On "Everything I Own," Gates explained that it was written about his father which warmed the audience to the song. Perhaps the most effective song was "Diary," with Gates spotlighted as he sang only with his guitar as an accompaniment.

The "mellow" songs were the ones the audience wanted and Bread satisfied this with "Baby, I'ma Want You," "Guitar Man," "It Don't Matter To Me," and their newest release, "Lost Without Your Love." But there was variety as they also played their rock hit, "Mother Freedom," plus an old Chuck Berry rocker, "Johnny Be Good," and a banjo-country song that got the audience participating.

The conclusion of the concert was once again predictable. Anyone who knows anything about Bread would have noticed instantly that they hadn't sung, "If" when they left the stage. So the audience came to its feet and Bread returned for an "obvious" encore of "If."

-G. Kuhrt











Greek Week Concert was financial disaster

Greek Week '77 ended its week-long activities with one of the biggest concert financial failures in ISU history.

The concert, which featured Wolfman Jack, Chubby Checker, the Coasters and the Crystals, lost $17,945. This loss was split between Greek Week and Rock and Pop, with Greek Week taking 60 per cent of the loss and Rock and Pop the remaining 40 per cent.

The total cost of the concert amounted to $20,000. About 4000 tickets had to be sold in order for the concert to break even, with only 473 actually being sold.

Greek Week intended to draw a crowd by promoting the concert with a nostalgic flair as "The Sock Hop in the Big Gym." Many of the fans who attended dressed appropriately in white T-shirts, bobby socks, saddle shoes, leather jackets and greased-back hair.

Chubby Checker opened the show with a succession of his hits, including "Blueberry Hill," "Peppermint Twist" and "Limbo Rock," in which a group of fans were brought on stage to try their luck at the limbo.

Wolfman Jack kept the audience entertained with stories of his career. But every so often he would look around and as, "Where is everyone?"

The three female vocalists who make up the Crystals pleased the crowd with several selections from the Big Band Era.

The last group to perform for the evening was the Coasters. "Dance to the Music," "Soul Man" and "Charlie Brown" were a few of their selections.

Maybe the "Sock Hop in the Big Gym" was financial flop, but many fans who attended had a good time dancing and reliving their high school days.

-D. Christensen



Ives featured for Parent's Day

Folksinger Burl Ives performed to a sell-out crowd on October 1, as part of Parent's Weekend. The concert was held at C. Y. Stephens Auditorium.

Ives has the distinction of being America's foremost folk singer. He also has the reputation of being a fine actor of stage, screen and television. He is noted for creating the role of "Big Daddy" in *Cat on a Hot Tin Roof* on both Broadway and the film version.

As a folk singer, Ives has traveled all over America, collecting memorizing and singing favorite American ballads and folk songs. He has recorded more than sixty albums.

The Parent's Weekend crowd thoroughly enjoyed Ives' easy, gentle approach as he shared part of America with them. Through his folk songs, Ives brought the flavor and integrity of America to life.





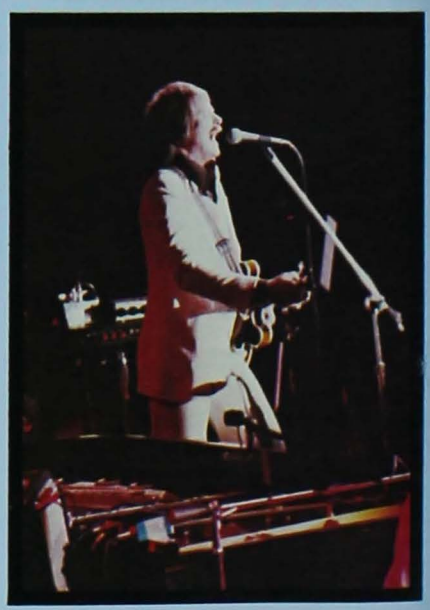
Oh it's sad to belong to someone else
When the right one comes along—
Yes it's sad to belong to someone else
When the right one comes along.

England

The lights dimmed, the crowd hushed, the Veishea concert starring England Dan and John Ford Coley began just like any other concert in Hilton Coliseum. The only difference was that Hilton seemed to echo with emptiness. The last ten rows on the floor were empty. The parquet was not filled. The balcony was deserted. Veishea '77 lost more than $8,000 on the concert.

For the 3,500 people that did come to the performance, Dan and Coley put on an excellent show, including their hits,





Dan and John Ford Coley

"I'd Really Love to See You Tonight," "Nights are Forever Without You" and "Sad to Belong" which is from their newly released album, "Dowdy Ferry Road."

The concert was alive and exciting, quite a contrast to their ballad filled first album, "Nights are Forever." Coley and Dan kept the audience interest high with sudden mood changes and climactic endings to their songs.

In between numbers Dan explained to the audience a little about the duos history. Both Dan and Coley are Texans but Dan's background is predominantly country western and Coley's background is classical. After 13 years of playing together, the classic and country have come to beautiful blend. Dan and Coley gave a well rounded performance featuring hand-clapping songs such as "Delta Queen" and songs with a much more quiet overtone.

Not only did Coley and Dan give a good performance, but their back-up performer, Mary MacGregor put an equally good show. The sparse crowd did not seem to bother MacGregor. "This is the biggest crowd I've ever played for," she said, "It's really exciting."

And she was exciting. In a Helen Reddy style, she sang a variety of songs, including a hand-clapping foot stomping banjo number. "The banjo really gets you going," she said. "I don't like to travel without it."

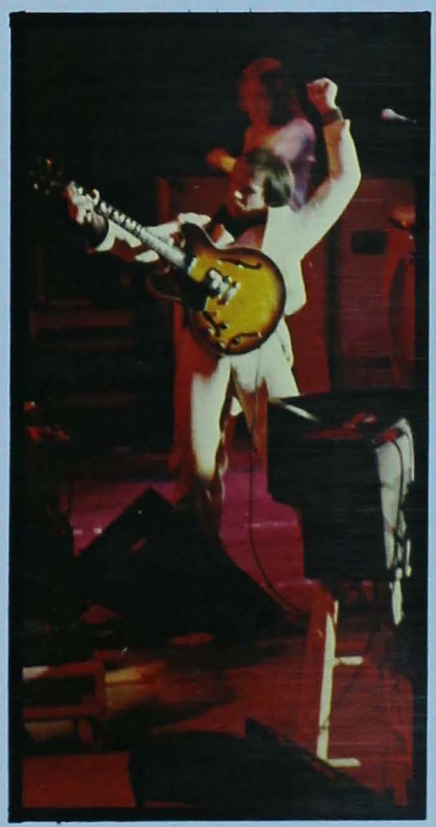
At the other end of the mood spectrum, MacGregor sang the song she is probably most known for, "Torn Between Two Lovers." This was MacGregor's first time to play with Dan and Coley. She was perfect compliment.

When Dan and Coley and their five piece band came on they did not crowd the stage with glitter and flashy gimmicks. They entertained with their music and seemed to enjoy themselves doing it.

-R. Willsher







Popular singing duo, England Dan and John Ford Coley entertained their fans with their mellow music as part of Veishea 1977.







Foreigner, Head East and Little River Band kicked off the 1977-78 school year in a dynamite way. (Clockwise from left) Lou Gramm, lead singer of Foreigner. (Top) Head East got the crowd warmed up for Foreigner by singing their most popular hits. (Above) Dennis Elliot, drummer for Foreigner. (On opposite page) Foreigner sings one of their hit songs, "Feels Like the First Time."
Bob Stenberg

Foreigner, Head East: "good and loud"

Iowa State saw one of its better concerts at the beginning of the 1977-78 school year, as Little River Band, Head East and Foreigner played to an almost capacity crowd in Hilton Coliseum, Saturday, September 24th.

The first concert of the year brought out a wide variety of concert goers, all of whom seemed to enjoy themselves. Many came from out of town to see the performance, as the ticket lines kept up a steady stream of people.

The crowd didn't have a chance to get restless as Little River Band came out and received a tremendous response. The crowd was ready to have a good time, and they did as Little River Band did a fine job of warming the audience up for Head East.

As a new group, they still need some experience and polish in their act. Yet they enjoyed themselves and conveyed this to the crowd as they played their hit song, "Help is on the Way." After 45 minutes of entertaining, Little River Band made way for Head East.

If you like good, loud rock 'n' roll, Head East is the group for you. They were loud and they were good as the group received a tremendous response from the crowd. Performing with a bit more expertise, Head East was flashier as they performed to a dramatic light show.

The group played some of their old songs which the crowd enjoyed, including a title cut off of their first album, "Love Me Tonight." Towards the end the crowd stood and danced or clapped along with the music, which added to Head East's performance. Called back for an encore with hand clapping and lit matches, the group performed once more and then let the stagehands prepare for Foreigner.

While they were setting up, the crowd was entertained by frisbee throwing among the individuals. If the toss was good and made it from one side of the Coliseum to the other, cheering was heard. If the toss was a loser, booing was the response. No doubt, the people wanted only the best, which is pretty close to what they got from Foreigner.

Foreigner entered in a cloud of smoke, another added extra, and played some cuts off their recent album, "Foreigner." Two that the crowd particularly liked were "Long Long Way from Home," and "Fool for You Anyway." The group was a bit more stylized, but they also broke up their action with a few guitar solo's.

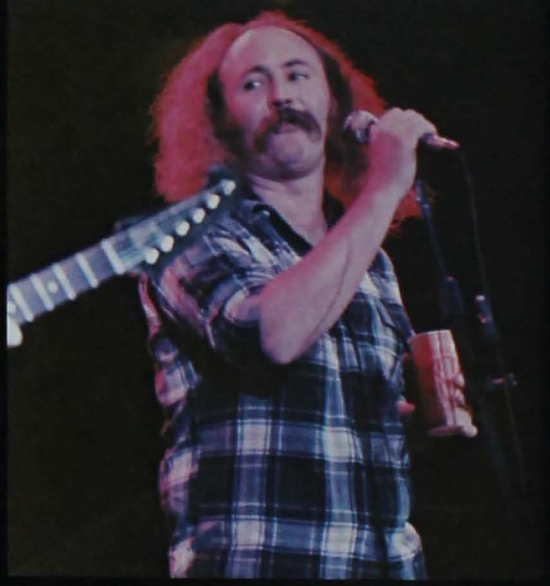
Near the concert's end, which was around midnight, Foreigner had the crowd standing, clapping and dancing along with them. They then broke into their newest hit song, "Cold As Ice," as the dry ice machines went on enveloping the group in a cloud of smoke as the audience cheered.

Foreigner was called back for an encore with lit matches in the same manner as Head East. Finally over, the good mood of the concert was carried out the door, as people headed out to party some more.

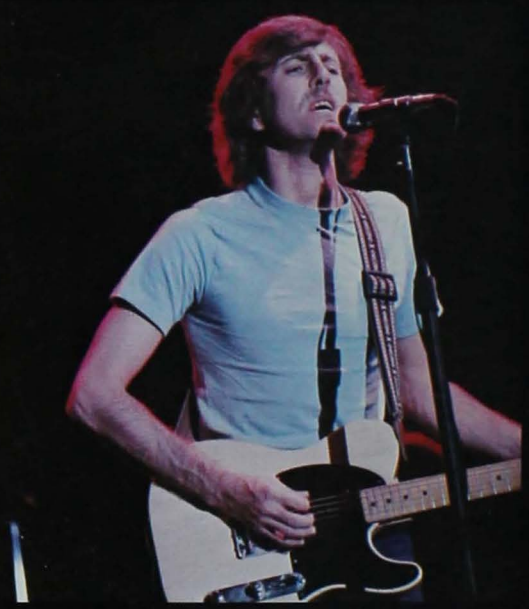
-P. Pershing



Talents blend for Homecoming Concert







One would have to search long and hard to find three men whose voices could blend together as well as David Crosby, Stephen Stills, and Graham Nash as presented in concert October 29 at 8 p.m. in Hilton Coliseum.

A crowd of more than 11,000 packed into the coliseum for the homecoming concert buying out every seat in the house except a few directly behind the stage.

After opening with a cut from their new album, Crosby explained to the audience that they would "do as many of the songs as know the words to." Although the audience enjoyed the new songs, the old favorites such as "Turn Back the Pages," "Our House," and "Love the One You're With" gained overwhelming ovations.

"Suite: Judy Blue Eyes," voted one of the top five singles ever released, had the entire crowd standing and clapping.

Whereas many groups depend on light shows, explosions and kinky outfits to make the show more appealing to the audience, Crosby, Stills, and Nash, were casually dressed, relied on their perfectly harmonized vocal.

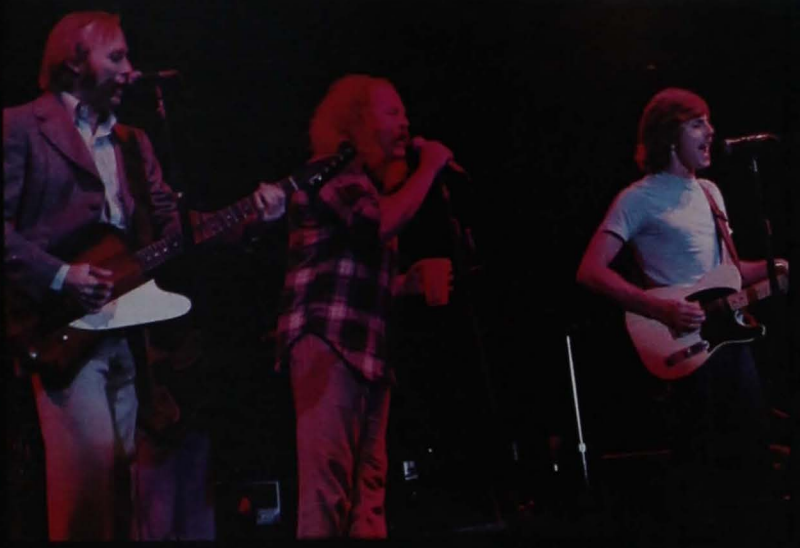
The first set of the two and one half hour concert featured the three on electric guitars. While the second set allowed each of them to perform a few songs recorded during each of their separate careers.

The entire coliseum would often become totally silent as the crowd anticipated many soft, difficult yet precice harmonies accompanied by only a single acoustical guitar. Applause followed each number with many standing ovations.

As CSN performed "Wind on the Water" a correlating film by Jacques Cousteau was presented showing man's cruelty to animals of the water. Nash introduced the song encouraging the audience to "do anything you feel is right" about the subject.

When the group was brought back for their second encore, the crowd all joined in on the chorus of "Teach Your Children" while Crosby, Stills, and Nash stepped back from the mikes and smiled at each other with a gleam of accomplishment.

—J. Agnew



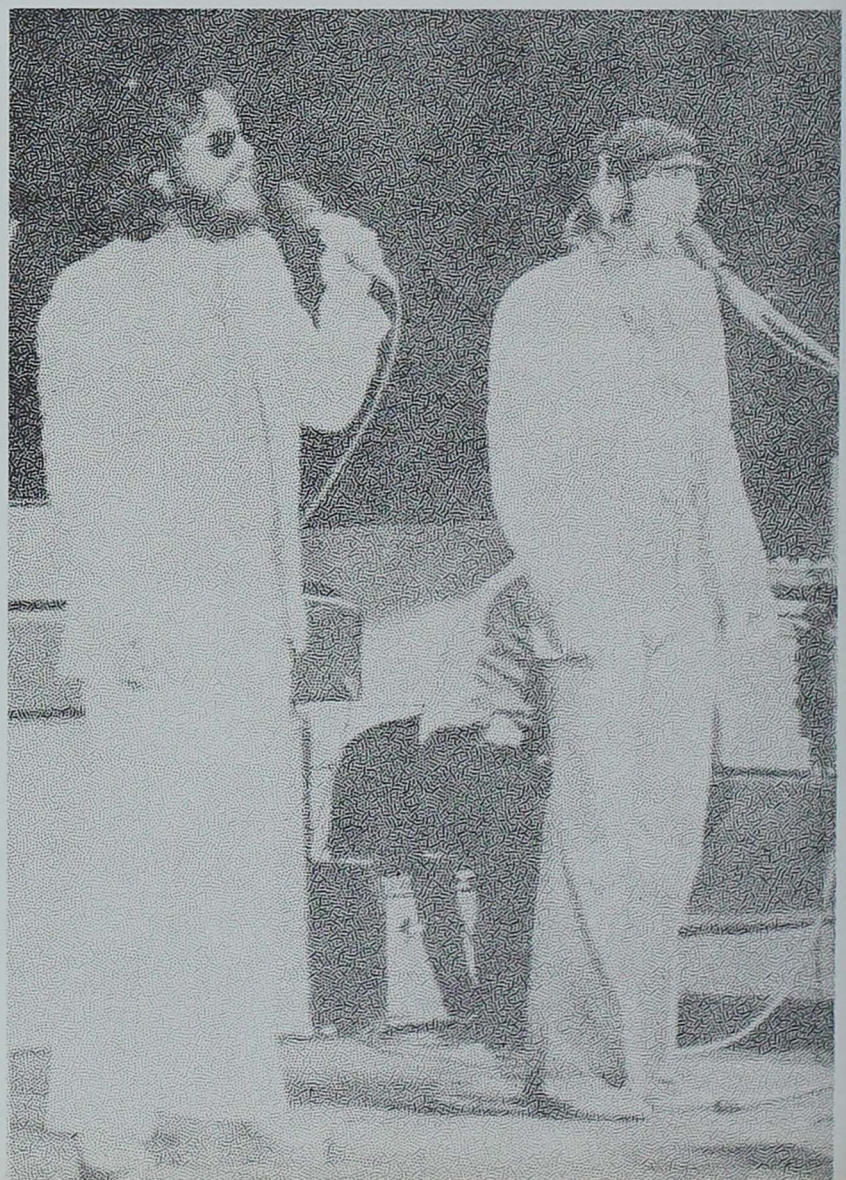
Homecoming 77 was a big success party due to the concert by Crosby, Stills and Nash. At far left: Stephen Stills, David Crosby and Graham Nash.





CSN





Seals and Crofts' fans get "fair share"

Seals and Crofts brought everything from their mellow brand of music, "knee slappin', foot stompin', hog callin'" music, high powered jazz and World series scores to the '77 Campus Chest concert in Hilton Coliseum.

The show was opened by Franklin McClaine, a relatively unknown singer/guitarist who hit it off well with the audience with his music and comments on the ISU football team.

After a lengthy intermission, Seals and Crofts came on stage and went right into their very first hit single, "Summer Breeze." The next song was also off their first album, as Seals played acoustic guitar and Crofts the mandolin with the same tight sound of the recording.

Crofts expressed the groups' appreciation of the audience and their delight at playing in Ames and ISU. After a series update, the group went into a medley which featured thoughts from the Baha'i faith which they have traditionally discussed with the audience after each of their performances. The main piece of the medley was "Nine Houses" which is based on the nine major religions of the world.

Then it was time to get mellow. And the group did it with the theme from the movie soundtrack of "One On One." "My Fair Share," was written as was the entire soundtrack, by Paul Williams and Charlie Fox, who are in Crofts' words, "no slouches." "My Fair Share" was proof of that as evidenced by the best ovation of the evening.

Seals put his guitar away and ripped into a tenor sax jazz number that took the audience by surprise but was well accepted. Crofts got equal solo time with a song called "The Good Times" which was at best weak but well done.

With their recording-like sound, Seals and Crofts played three of their best known songs, "We May Never Pass This Way Again," Hummingbird, and "Diamond Girl." They asked the audience to sing along and the audience gladly obliged.

Throughout the performance Crofts pranced about and joked while Seals played the straight man. With a shrill hog call from Crofts the group went into the rowdiest music of the night and the audience remained on their feet for the rest of the performance clapping and stomping to the music. During the set, Seals showed his fiddle prowess as he played backhanded and with the bow between his knees.

The group closed with "Closer To Me" and invited fans to come up and "get closer" as they shook hands with audience members from the edge of the stage.

After an hour and fifteen minutes it was all over but the audience would've agreed that ISU had gotten its "fair share."

-K. Gibson



"It's So Easy" to love Linda







From her opening song of "Lose Again," to her last encore of "Heat Wave," Linda Ronstadt kept the Iowa State pre-final week crowd totally in awe.

When Ronstadt first came on to the stage, clad in pants tucked into her boots, a flowing top and her trademark, a flower behind he ear, the audience came to their feet and applauded her just for being there.

Ronstadt has an interesting stage presence. She seems so small and defenseless, shy and innocent. But when she begins to sing, all of these characteristics disappear.

The Ames fans were treated to all of the boldness and strength of her voice that they had learned to love from her many albums. Ronstadt sang almost all of her hits with a confidence and style that made the audience fall in love with her all over again.

Ronstadt also showed a side of her talents that may have surprised many. Especially when she broke into "I'm Crazy," a blues song, the mood was completely changed.

"She introduced "Faithless Love," as a love song for the 70's. And the haunting, mellow lyrics and soft style won the crowd's approval.

The crowd especially responded when Linda sang her two newest hits, "Blue Bayou" and "It's So Easy." These two songs examplify the range of Ronstadt's talent and appeal. The touching "Blue Bayou," a ballad reminiscing of a home and lover left behind was just as well received as the light and repitious Buddy Holly rocker.

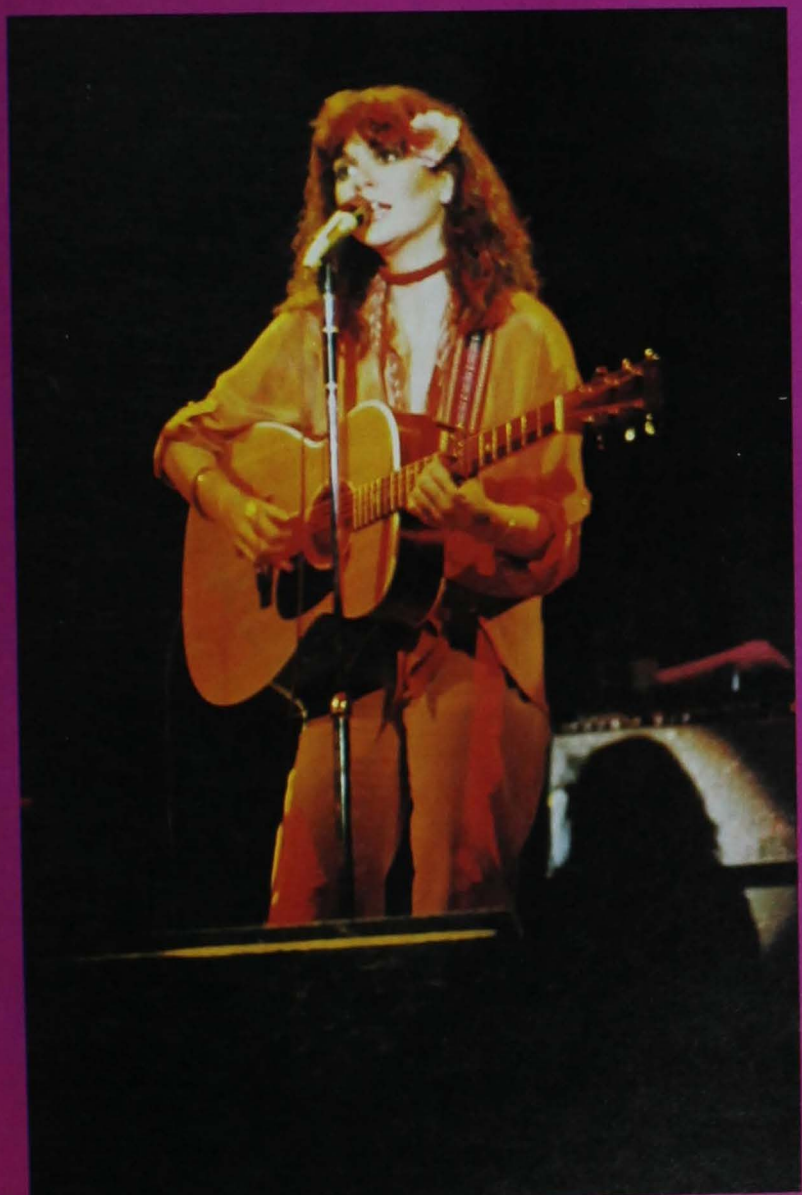
Throughout the concert it was evident the changes she has made throughout her career. She has made a transition from a country sound to a rock sound, yet she has retained enough of the country sound to create a blending that is the Ronstadt style.

Part of the success of her performance was her five-piece band which she described as the "best band I ever had." The band went into more instrumental passasges than on albums, much to the delight of the audience. Ronstadt also helped accompianments with her tamborine on several songs and her guitar on "It Don't Matter Anymore." She even beat the cowbell to "You're No Good."

Some were disappointed that Ronstadt didn't have an easy rapport with the audience. But few could complain or be disappointed in her singing as she delivered each song in her crystal clear and "torch style."

Stephen Bishop was the opening act for the concert. The crowd enjoyed listening to his hits: "On and On," and "Save it for a Rainy Day." But it was evident that the audience were only willing to give their hearts to Linda as she sang out her heart for them.

—G. Kuhrt



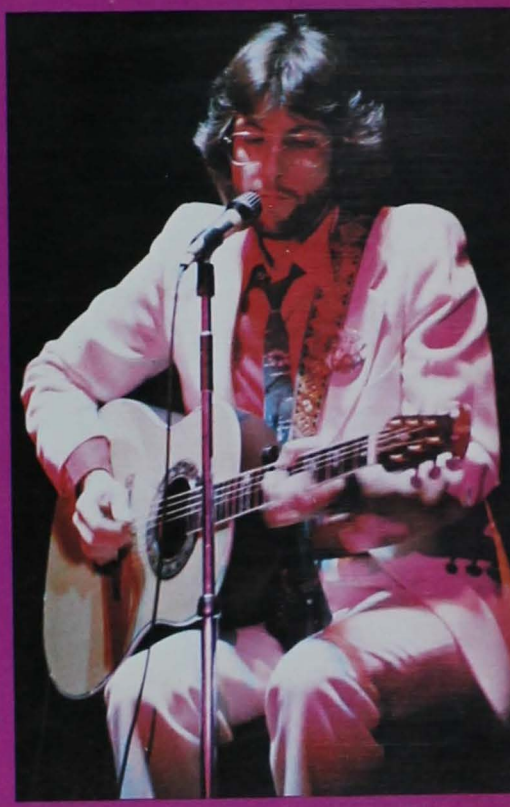


Photo far left: Ronstadt clowns with cowboy hat that was thrown to her from the audience. Above: Stephen Bishop was the opening act for the concert.
Bob Stenberg

Chapin tells life in songs

Harry Chapin set the mood for many ISU students on Tuesday evening of December 13, 1977. Chapin did not just sing his songs, but got the audience involved with his songs and his emotions.

As Chapin said, 99 percent of his songs are from his experiences. Before singing each song, he explained to the audience what provoked him to write it.

The show started about half an hour late because his arrival into Des Moines was delayed. But, within 15 minutes of his arrival at C. Y. Stephens, Chapin was on stage playing and saying, "Goddamn I feel good."

Audience participation was strong right from the start of the concert and continued to grow. As Chapin took control of his songs he took control of the audience by instigating clapping and singing along.

For the end of his song he divided the audience into sections so everyone could end the song in harmony. He also tried two other endings to this song for the audience's opinion.

The concert was composed of quality music ranging from ballads to blues. Chapin played a brand new song with a lively and catchy beat. It stemmed from the experiences of his two younger children who are just starting grade school. The song is about a young child at school wanting to paint flowers all the colors of the rainbow. The teacher stifles the child's creativity by saying flowers are only green and red and should only be thought of as such. This idea of school and the teacher seemed to spark a common reaction amongst the audience as many students yelled out "yeah" and ended with a standing ovation.

Other songs of the first show included "The Baby Never Cries," "Mr. Tenor," "Cory's Coming," "Mismatched," "Love is not in Season," and of course "WOLD," and "The Cat's in the Cradle."

The members of the band at one time or another were singled out to perform. Kim Scholes played the cello which added a mellow tone to the songs at times and livened them up when Scholes plucked the strings.

"Big John" Wallace played base guitar and tantalized the audience with his clear and wide-ranging singing voice.

In one song, not taken from Chapin's personal experiences, "Big John" sung the part of a blind old black man who was being sought by a young white boy. The boy's character was sung by guitarist Doug Walker. In other songs "Big John" sang in a high and almost operatic voice that awed the crowd.

Chapin's brother Steve played the piano and sang a few solo parts. Howard Fields was the drummer. Fields also sang a song he wrote about being the "horniest drummer" around. Doug Walker then sang a song explaining what "horny drummers" do in their pasttime, such as investing in an inflatable vinyl girl. Then Harry Chapin said he hoped the audience was not expecting a family show. The two songs added some flavor to the show and also got some laughs.

Chapin ended with a continuation of the first song. Before he did his encore number, Chapin explained to the audience that the money from the T-shirts and booklets on sale was going to charity. He went on to say that out of the 210 concerts they do in a year about 100 of them are benefits. They have given about $700,000 to charities in a year's time.

—S. Plantz



Getting rowdy with Willie and Jerry Jeff

A lot of hollerin' and foot stompin' went on at the Hilton to the music of Willie Nelson, Jerry Jeff Walker and Katy Moffatt on January 31,1978.

These performers attracted a round-up of country music enthusiasts. It appeared as though a majority of the audience came straight from the West wearing cowboy hats, flannel shirts, bandanas, faded jeans and boots.

The type of music played was more of a "progressive country" style. To add variety, some of the songs sung could be classified as gospel, jazz and blues.

The evening's entertainment started officially with Katy Moffatt singing with the Tennessee Pulleybone Band.

Moffatt mainly sang fast-beat tunes that the audience could easily clap along with. Among her songs were 'Kissin' in the California Sun," and "I Can't Help It If I'm Still in Love With You."

Following Moffatt's performance was Jerry Jeff Walker who began with "Mr. Bojangles" and "Up Against the Wall, Redneck Mother." The audience seemed to have received him well by their clapping and singing along. But Walker did not show a lot of enthusiasm in singing his songs or relating to the audience, in fact, he spent a lot of his time on stage with his back turned to the audience.

Walker did, however, get a good crowd reaction, especially from his better-known songs such as "Pissin' in the Wind" and "Sangria Wine."

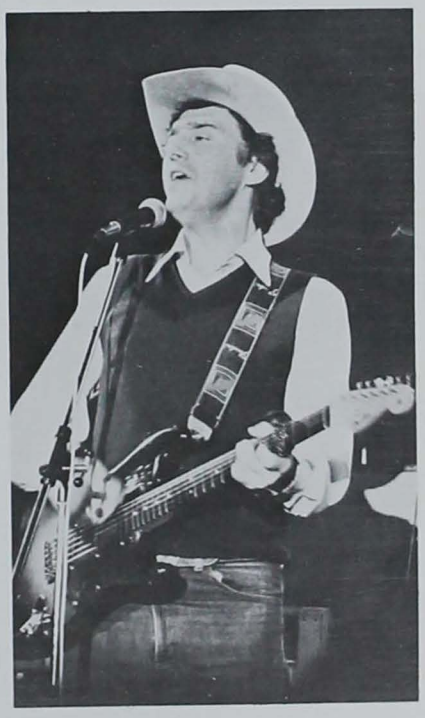
Willie Nelson was next on stage and wrapped up the evening with music that was more on the mellow side in comparison to the previous performers. This did not have a quieting effect on the crowd as they were very responsive to Nelson's songs and gave him many standing ovations.

Nelson sang both old and new songs. Among them were "Whiskey River," "If You've Got the Money, Honey, I've Got the Time," "Blue Eyes Cryin' In the Rain," and "Mothers, Don't Let Your Babies Grow Up to be Cowboys."

The concert started at 8 p.m. and was not over until almost midnight. The audience was very receptive during all four hours of country music; it was a nice break from rock 'n' roll and disco.

—S. Plantz







(Left) Katy Moffatt and her band, the Tennessee Pulleybone Band opened the night of country at Hilton. (Top) Willie Nelson headlined the program and delighted the crowd with his songs, such as "Blue Eyes Cryin' in the Rain." (Bottom) Jerry Jeff Walker warmed up the already rowdy crowd for Nelson.
Bob Stenberg



Above: Eric Clapton. Right: Wayne Cook, keyboard player and guitarist for Player. Far Right: Player.
John Riches



Clapton captivates ISU crowd

Eric Clapton. After close to five years of almost total silence, the widely-acclaimed "world's greatest guitarist" captivated 10,000 expectant concert fans February 19. We expected Clapton at his best; we weren't disappointed.

The opening group, Player, showed a lot of potential but was largely ignored by the Clapton crowd. Their reception was undoubtedly dampened by their current Top 40 hit, "Baby Come Back." Clapton fans are largely uninterested in Top 40 music, but Player isn't striving for Top 40 success and their music demonstrated that to those who listened. There was light applause for "Melanie," "Come on Out," "Silver Lining," and "I Just Want To Be With You." It's unfortunate that they opened for Clapton. They played well and deserved more recognition than they received.

Clapton was something else. He seemed uncertain, standing toward the back of the stage as much as possible. But, even from that unassuming position, he easily tamed the restless crowd. Beginning with "Next Time You See Her," "Lay Down Sally," and "She's In Love With A Rodeo Man," Clapton owned the Hilton audience.

Female lead, Marcy Levy, surprised the crowd with a dynamic version of an old Buddy Holly song, "Fool's Paradise." Her voice was strong yet had an appealing gravelly quality, and her harmonica playing was thoroughly enjoyed by all.

From then on, it was old, yet none the less excellent Clapton. Each song represented a stage in his search for a form in which to best express the blues. There was "Badge" from his Cream days, "Let It Rain," "Stormy Monday," and an excellent arrangement of Dylan's "Knockin' On Heaven's Door."

A large crowd pushed toward the stage during the strong, if short, closing—"Layla." The encore, "Bottle of Red Wine" held most of the audience on its feet.

At a time when most of the performers he began with are virtually unheard of, Clapton has survived. And if he continues to enthrall his audiences like he did at Hilton, he'll be around forever.

—P. Levitt



Marching Band has busy but exciting



"What Big Eight University Marching Band is the best band in the Big Eight if not the World? Iowa State, Iowa State!" If you passed by the New Design Center at 5:30 on any given evening this fall, you had a good chance of hearing 230 people yelling this at the top of their lungs.

Where else by at Iowa State football games can a fan find 230 marching band members running around in circles before a crowd of 42,000. No they are not just running around in circles - they are forming cyclones.

The year began suddenly for the band. They had only three days to audition and prepare for their first performance at the opening games of the season. Only a week later they bussed off to Iowa City to perform at the "Iowa Bowl."

In the weeks following the band had a trip to Nebraska to look forward



season

to, then the message came that there wouldn't be any room left in the stadium. Someone goofed. But not to be left in Ames, the directors quickly put together a trip to the migration game in Norman, Oklahoma.

And then there was the Peach Bowl. "Which bus, I mean plane are you going to sign up for? Is our airline really the only one flying into Des Moines on New Year's Eve?"

"Give 230 people a chance to run wild at a football halftime and we would call them crazy. Give them uniforms and we call them the band," is a comment that sums up the enthusiasm and energy that people have come to associate with the Cyclone Marching Band.

—S. Smith

(Counter-clockwise from opposite top) Leann Friis and Teri Wilson, two of the marching band's flag girls. Deb Duffey, Linda Armbreast and Theresa Tovrea, play the "Fite Song" after a Cyclone score. Karla Killinger and Mike Botts, drum majors of this year's band. The band leaving the football field after a long afternoon. Director Jimmie Howard Reynolds and drum major Karla Killinger share a champagne toast during last home game. Student director Shelley Smith looks on.







ISU Jazz Ensemble put it all together for fall concert

Young and old, student and prof, musically minded and tin-earred- 350 of these varied people packed the Memorial Union Sun Room on November 7, to experience the foot-tappin', ear-pleasin' sounds of the ISU Jazz Ensemble's first fall quarter concert. Under the first year direction of Don Keipp the 21-member group wowed the house with such rowdy crowd-pleasers as "In The Mood" and "Pussy-Wiggle Stomp" until the time called for mellowness-and then it flowed smoothly.

"Rainy Day" by Dee Barton featured the slow, melancholy sounds of the deep trombone section, while "Shadow of Your Smile" starred trombonist Mark Whitlock, creating an intimate audience mood. Other features included a spicy version of "Bill Bailey" by the 5-member saxophone section, as well as a chance for almost all sections to shine by improvision in "Walkin."

"The Opener," appropriately named, featured trumpet soloist Bill Hunsicker, trombonist Brian Cox and tenor sax Craig Dory, all of whom "Hot-Dogged" it, much to the crowd's delight. Not to be outdone, lead alto sax Craig Rich soloed easily in "Soul Bossa Nova", a catchy progressive Latin-American tune. Lead tenor sax Tom Narigon provided a solid base for partner Craig Dory's intermingled fast runs in the jazzy production of "Nice 'N Juicy" which also featured trumpet soloist Owen Raun.

As an added attraction, a mixed quartet of faculty members tickled all listeners with both humor and excellent jazz. Led by engineering professor Ken Jolls on the vibes, this group capitalized on the diverse audience by performing four numbers, each featuring a different member. Drummer Don Keipp created an audience sensation by beginning his performance with drumsticks three feet long, while pianist Bill David demonstrated sheer talent in "I Love You." David Milberg, an Agriculture professor, demonstrated his strong capabilities on bass by performing with both the Jazz Ensemble and the Science & Humanities Quartet.

To wrap up the evening, the Jazz Ensemble returned, delighting the rowdier-than-ever crowd with spectacular drum solos by Ken Savoy and Tim Miller in "Jes Fine" and "Pussy-Wiggle Stomp." With every foot in the audience tapping, the 21 musicians led a wild chase of melodic hide-and-go-seek among sections in "Pussy-Wiggle Stomp" until crowning the finale with trumpet "Kisses" by Bill Hunsicker.

When the thoroughly satiated audience finished applauding their approval and began to file out, they, were still 350 different people. But now a common bond united them-they were all richly full of the world of good jazz.

Other Ensemble members include Saxophones Nancy Richards (alto), Karla Killinger (baritone), Trumpets Brian Nass, Doug Wood, Brett Smith, Trombones Mark Dean, Kirk Heer, Gerald Hendrickson and Rhythm Bill Wehner (piano), Garmen Herigstad (guitar) and John Lemen (vibes).

- J. Hinson





Christmas. A season filled with a spirit of song and tradition returned to Iowa State University in the music department's 22nd annual Christmas Festival of Music Saturday and Sunday, December 10 and 11.

Nearly 300 Iowa State students participated in the concert festival from three singing groups—the Iowa State Singers, Oratorio Choir and University Chorus. The ISU Symphony Orchestra, whose members include students, faculty and area residents, were also featured along with the ISU Brass Choir.

Robert Molison directed the ISU Singers and the Oratorio Choir. Merele Hanson directed the University Chorus while N.L. Burkhalter conducted the Symphony Orchestra. The Brass Choir was under the direction of Joseph Christensen.

Special pre-concert music was performed Saturday evening by the Chamber Singers under the direction of Eric VanCamp, and The Trombone Ensemble directed by David Stuart of the music faculty.

"Hodie-Gloria" (Today Glory) was the central theme of the 1977 concert. Music from the same text "Today Christ Is Born" was featured throughout the performance. Other songs from a more traditional realm of Christmas music blended nicely to give the audience a balance of listening pleasure.

In the first portion of the program, shorter choral works including "Fanfare For Christmas: Hodie Christus Natus Est" by Pfautsch; "A Spotless Rose" by Howells; and "Go Tell It On The Mountain" arranged by John Work, were performed. Perhaps most enjoyable in the first half of the concert was "Fantasia on Christman Carols" By Vaughn Williams which combined the talents of chorus, symphony and soloist, Richard Koupal, to create an auditorium filled with Christmas song.

The most impressive portion of "Hodie Gloria" opened the second half of the concert as the Iowa State Singers, Oratorio Choir and Symphony Orchestra along with soloist Georgia Rogers-Saral presented seven portions of the Poulenc work, "Gloria."

During the concert, the audience was invited to join the singers on stage in four carols. C.Y. Stephens Auditorium rang with the spirit of Christmas as thousands of voices joined in such traditional favorites as "Hark! The Herald Angels Sing," and "O Come, Alf Ye Faithful."

The final work, Pinkham's "Gloria In Excelsis Deo," filled the auditorium with Christmas sound from every direction. The holiday spirit of song and tradition encompassed the audience even to the final word of song . . . "Alleluia!"

—B. Kozishek

Fall music festival draws large crowd



So many people showed up for the October 15 ISU Festival of Music that Choral Director Robert Molison had to ask some of the chorus members to give up their seats. The concert was open to the public free of charge on a beautiful Sunday afternoon.

"I'm really surprised at the turnout. I expected nobody to be here," one student said.

Performing for a no less than 1000 person crowd, the ISU Oratorio Choir, ISU Singers and Musica Antiqua sounded clear and richly expressive.

With tones not unlike those heard during the film, *The Sound of Music*, the old German religious numbers written by Heinrich Schutz created pictures in the minds of the audience of the lush, green German countryside.

Dressed in dark gray, judge-like robes, standing on pew-like rises, the ISU Oratorio Choir lead the group in their first number. Their first number was "Lobe de Herren, Mein Seele (swv 3v 39) or Praise the Lord, O My Soul, in English, was a smooth high toned number. The audience enjoyed it thoroughly, applauding vigorously at its conclusion.

The Oratorio choir is open to all students by audition.

Also performing in the Schutz Festival were the Iowa State Singers. Dressed in black tuxedos and brick-red dresses, the coed singers looked as sharp as they sang. Some of their best numbers were the different Becker Psalter psalms.

ISU Singers are a select group made up primarily of upperclassmen. They make extended tours around and outside of Iowa each year.

A soloist from the Music faculty at Central College in Pella, Bruce Kolb, also performed well at the concert. His voice reverberated through the Great Hall like a sweet mournful wail characterizing the human need for God's love.

Finally, a major factor in the success of the concert was the fine instrumental skill of the Musica Antiqua. Directed by ISU professor Carle Bleyle, and played by old medieval instruments, Musica Antiqua, gave the concert its further illusion of the traditional German appeal.

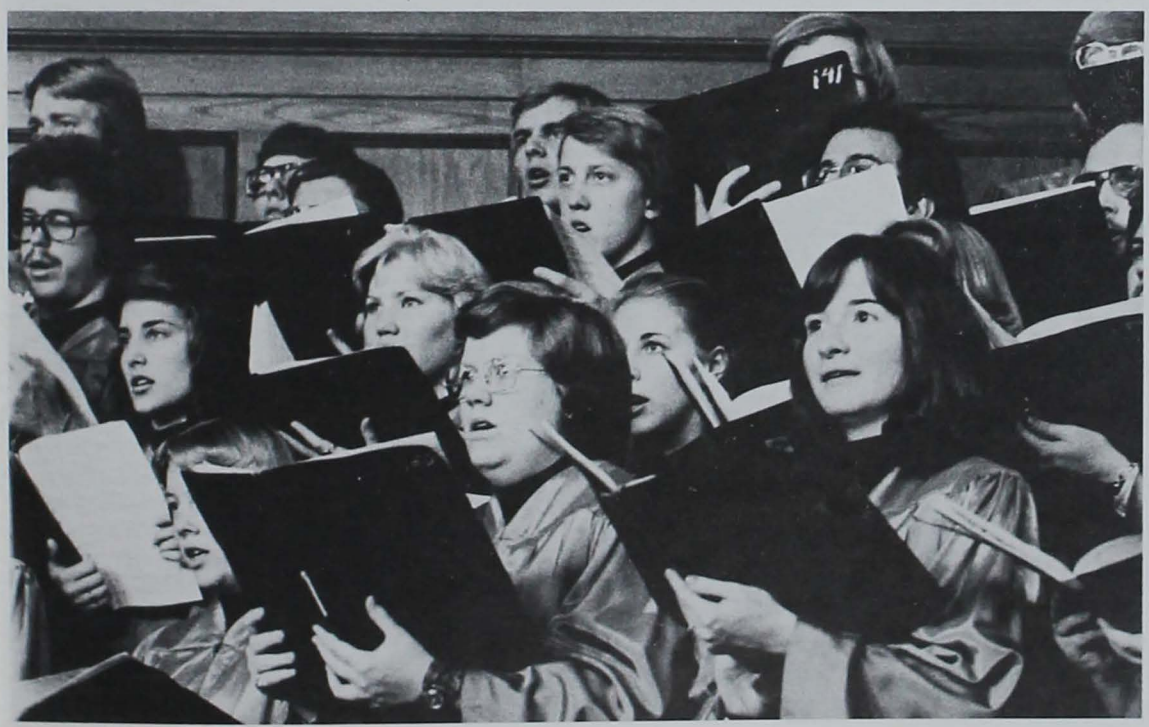
For three ISU performing groups who could draw considerable crowds with their respective performances alone, the combination of the three made for a powerfully vibrant, exhilarating show.

-S. Lavender





(Above) Jimmie Howard Reynolds, music professor at Iowa State takes part in the fall concert of the music department. Student groups that were involved include the Iowa State Singers and the Oratorio Singers.



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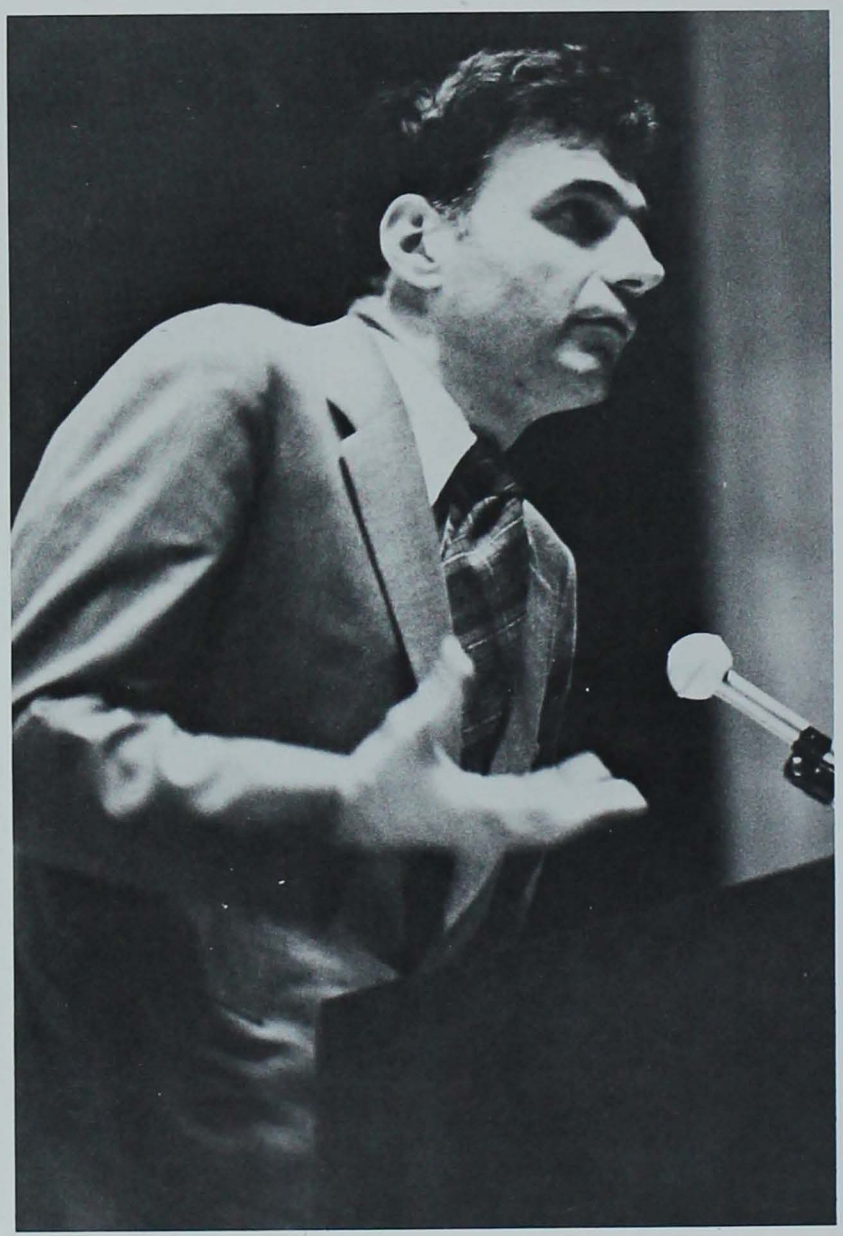
Nader urges students to become involved



Ralph Nader, one of America's most famous social critics, spoke at C. Y. Stephens Auditorium on March 23 to a capacity crowd.

The topic of Nader's lecture was "Corporate Responsibility and Consumer Protection," although he touched on every subject from the ban on saccharin to pollution. But his main message directed to Iowa State students was to "get involved."

"Students have grossly underestimated their role in society," Nader said. "They are more available to work on problems in society because they are not yet influenced by an employer.

Nader said that students have the advantage to change things because they are concentrated instead of dispersed; they have a "freshness" and they are trained with the resources to seek information.

Nader said that the campus atmosphere is a protected environment and thus students are living in a dream world.

Nader said that everyone has a significant role working on problems in every area but it must be viewed in the proper perspective.

Nader explained that a growing economy does not equal prosperity because the gross national product does not take into consideration the increase in accidents, pollution, crime or waste.

The core of Nader's lecture was grim as he related the many areas of our life in the United States that are headed for ultimate disaster.

Nader did praise the work of Student's Public Interest Research Groups (PIRG). He said that he has been working with a group of students on questioning the educational testing services and the results may be "surprising."

In speaking to the student-dominated group, Nader empathized with the group by using specific examples relating to college life. But Nader never lost touch with the gravity of his subject.

Nader said that the way to work for improvement was to bring value systems to work with you. "Don't go along to get along," he said, "make up your mind that you are going to stand up for your values."

-G. Kuhrt



"Films record the mirror image of where society's standards are going."
-Judith Crist

Films reflect the attitudes, morals and lifestyles of the current society, movie critic Judith Crist said in a lecture, Tuesday, September 26.

Crist, a movie critic for the Saturday Review and TV Guide, was sponsored by the ISU Lecture Committee. She spoke to about 250 people at the Scheman Continuing Education Building.

Crist said a movie's props and settings may portray an earlier period, but the people will be mirrors of the present society.

An example of her theory is "Gone With the Wind." She said the artifacts and setting depict the Civil War era, but the people and their attitudes characterize 1939, when the film was made.

"You will learn a lot more about the way people looked, behaved and thought, and what their morals, standards and ideals were in 1939, than you will about the way anyone thought in the pre and post-Civil War days in the Deep South," Crist explained. "The treatment and attitudes of blacks, women and the economic situation are exact reflections of 1939."

She said film producers help viewers relate to past times by picturing people in terms of today's standards. If actors depicted an actual historical model, society would be unable to relate to the movie, Crist added.

Building on her theory, Crist contended that our national morality from before to after Watergate is shown in the portrayal of the criminals in "The Godfather" series.

"The Godfather, Part I" reflected the common viewpoint of 1970 that it was all right to be a crook, since everyone was doing it, Crist said. Because the family remained solid in the movie, they were "superior" crooks.

In "The Godfather, Part II," the family fell apart and the criminals were no longer pictured as nice, Crist continued. She said this reflected the change in the national morality in 1975, after the Watergate incident. The common view had changed; it was no longer nice to be a crook, Crist said.

She said because film records the mirror image of where society's standards are going, it is an important subject for study. But she cautioned against taking film too seriously.

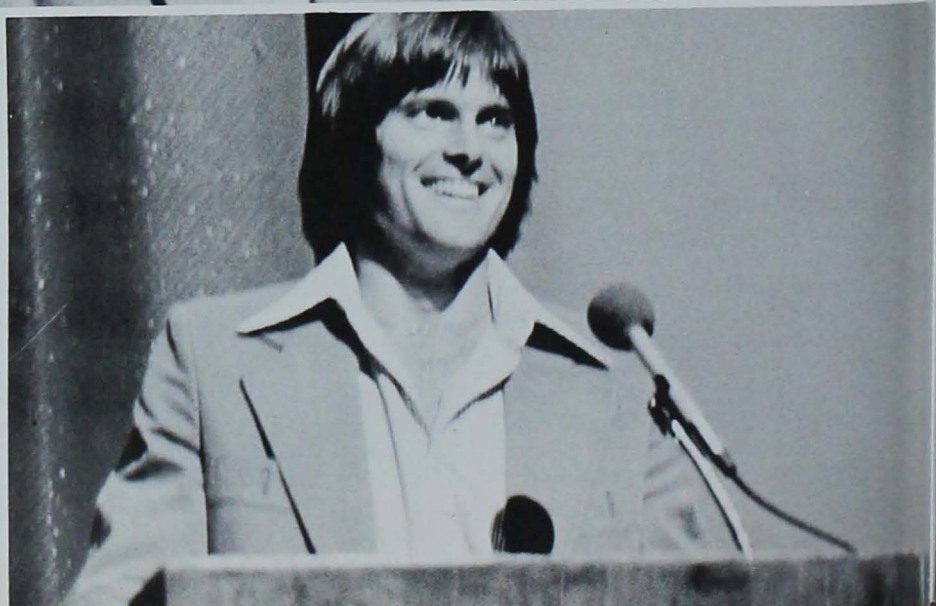
"We have forgotten that 90 per cent of manufactured film was designed as entertainment," Crist explained. "We must treat it as a contemporary phenomenon; as a medium that is in its infancy: one in which we absolutely have no perspective."

She said it is too early to accept the current standards of evaluation and judgment of film as final. She said we must all question these judgments and use our own experiences to evaluate the movie's significance.

-S. Klinsky







Bruce Jenner: Positive thinking led to success

The 1976 Olympic Decathalon Champion, Bruce Jenner, entertained a crowd of over 2,000 in C. Y. Stephens Auditorium, Thursday May 4, as a part of the Veishea '77 celebration.

Jenner spoke on the value of competition, but not before flashing a smile at the screaming girls and amusing the crowd with a few jokes. Jenner said competition is involved in every day of our lives, because "our capitalistic system is built on it."

"We live in the biggest and greatest country in the world. Take a look at the games, they're all there to win," he said.

Jenner said athletes have to be positive thinkers. The Olympic games take years and years of training and in the matter of a few days it's all gone. "You go into a situation knowing you can do something, but how can your body do it if your mind says no?" he said.

Thinking negatively can really kill you, yet thinking positively is funny too, he said, referring to Mohammed Ali.

Jenner gained experience in 1972 when, while attending Graceland College in Lamoni, Iowa, he went to the Olympic trials with everything to win and nothing to lose.

The first five events are not his best and after the first day of competition he was ranked 11th. The second day he was ranked fifth with one event to go, the 1500 meter run. "My heart shot up, I can do it I said to myself. For the first time in my life I realized I had a chance," Jenner said.

Jenner didn't let the 1972 Olympic games slip through his fingers as he qualified third in the trials, winning the 1500 meter event.

It took "positive thinking," Jenner said. "Winning the race was more thrilling than the Olympic games four years later because I didn't expect to do it."

Jenner said he learned something in the games, that "whatever you have to do can be done. You need confidence and positive vibes deep down inside. Put your mind to it and you can pull it through." "You just need a little bit extra, like the lean at the tape," he added.

For the 1976 Olympic games Jenner trained hard, but he wasn't getting as many points as in the past. He attributes this to attempting to keep the other parts of his life together such as his insurance business and his social life.

Finally his wife Chrystie made him see he had to give up his job and his friends. "You have to make a commitment to yourself first. You have to put all your eggs in one basket." he said. I knew I had to risk one year of my life to win the games, Jenner said.

The first day he had five personal bests in a row, and with seven events left Jenner said, "Deep down inside I had it." With three events left he was in second place and needed 700 points to reach his final goal of 8,600 points.

With the last race to go, 1500 meters, Jenner said he became sad because he knew it was the last race he'd ever run. And with that he took his last two steps of his career off the platform wearing the gold medal as Decathalon Champion.

"1976 was the biggest emotional high I'll ever have the rest of my life." Jenner said. "People are always going to criticize the things you do, but after the games, I didn't want to say, 'I could have done it if . . .' "

-P. Pershing

Straight: "Why taxpayers should support

"The total sum of all grants made to the arts could give this country back all that it poured away in the past few years," says Michael Straight, past Deputy and acting Chairman of the National Endowment for the Arts.

Straight kicked off the Insitute on National Affairs week on January 23 with his keynote speech entitled, "WHO USES THE ARTS?: Why Taxpayers Should Support the Arts." Straight spoke before a crowd of nearly 250 persons in the Sun Room of the Memorial Union.

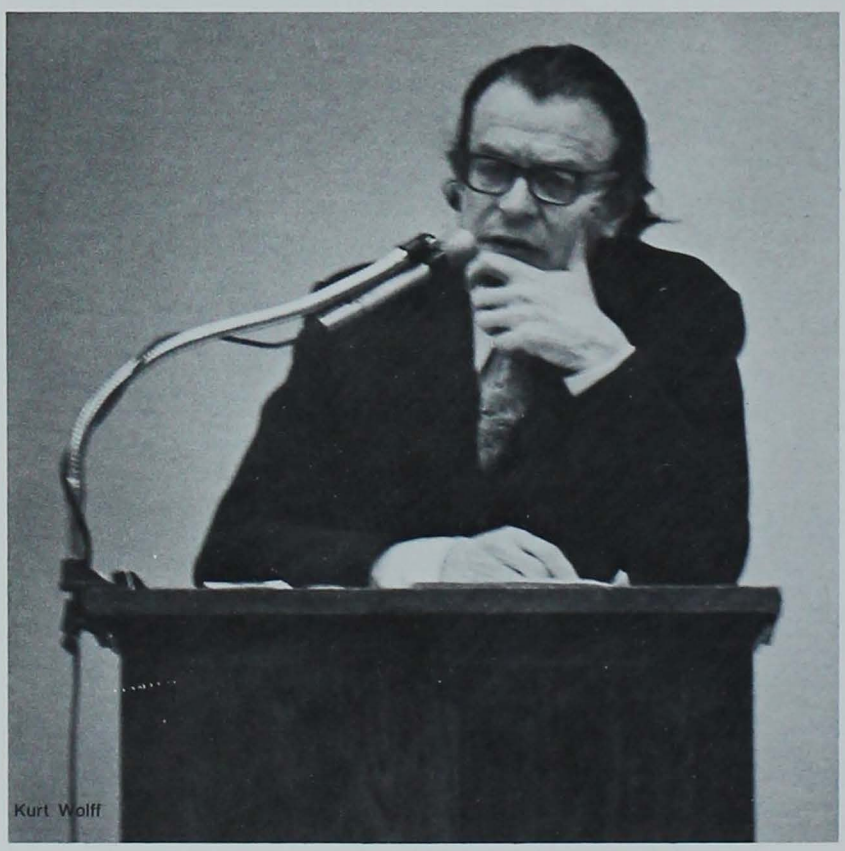
Straight began by explaining that money alocated to the Endowment for the Arts through the government is well spent. However, the legislation under which we work prohibits a great deal of funds from being allocated to the Endowment.

To illustrate his point, Straight pointed out a conversation he had recently with former Iowa congressman William Scherle. According to Straight, Scherle claimed the "Endowment is a waste of the taxpayers money on the frills of the arts." In disagreement, Straight said that we cannot live without them. Such organizations as the Chicago Symphony, the Guthrie Theatre and the Metropolitan Opera could not serve the public without aid from the Endowment, says Straight.

In order to convince Congressman as well as the public, Straight said we must justify money spent on the arts and where it is directed. He said that we must begin at home by examining what each state receives for the arts. Iowa alone receives $215,000, plus $70,000 for state imporvement and another $70,000 to bring artist into th Iowa school systems to act as innovators for students.

Another point to be examined are the aesthetics of arts, said Straight. He said that we decorate ourselves and homes daily, thus making art a part of our everyday life. Therefore, when combing all aesthetic aspects of life we have culture, and one way to justify public spending.

A final justification, said Straight



Kurt Wolff

Dr. Wolff:

Kurt H. Wolff, distinguished professor of Social Relations at Brandeis University, discussed "Surrender and Catch: Toward Discerning Other Cultures," Jan. 19 in the Gallery of the Union. The talk was co-sponsored by the departments of sociology and philosophy, Alpha Kappa Delta sociology honorary, and the ISU Committee on Lectures.

The topic referred to the hypothesis that Wolff presented in beginning his lecture. The hypothesis was that only experience can tell us what is relevant in studying other cultures.

Wolff used the terms surrender and catch in a slightly different way than they are usually interpreted. By surrender, he means the "maximum possible immediate contact with the occasion, landscape or some other variable." He also said that surrendering is a "total experience" that usually happened in extreme conditions, something extraordinary or non-routine.

He used concentration camps in Nazi Germany as an example of

the Arts"

comes when examining the snowballing effect of government spending. He said that expenditures on welfare as well as health and education grow larger and larger as they go downhill. However, everything the Endowment has done in the past two years has been to keep that event from taking place. One reason for this action, said Straight is due to the attitude of "let the government support it." He added that when this attitude pops up the program usually fails and Congress will kill it.

Micheal Straight has served as past Deputy and acting Chairman of the Endowment for the Arts for the past eight years. He has studied at London School of Economics and is the editor of the New Republic. He is also the author of two novels *Carrington and A Very Small Remnant*, and the play *Carravaggio*. He also wrote *Fire By Television*, a study of McCarthy Hearings and was a ghost writer for Franklin Delano Roosevelt.

—J. Handorf



Michael Straight

"Surrender and catch, discerning other cultures

complete surrender, but added that surrender does not have to be in a negative context.

Wolff also said that a small child cannot surrender because they do not have the potential to experience something completely. The more we learn, the more we know and are able to experience.

Wolff said that the outcome of surrender is catch. "Catch is related to capture, the concept or conception, which means to give ideas and meanings to things in a lifetime. Wolff explained how you cannot force surrender and catch because it must be related to experiences, revelations, transformations and metamorphisis.

Wolff emphasized that surrender and catch takes time and most importantly a curiosity. He explained however, that although we may be curious, "maximal curiosity" is rarely called for because it takes a peak situation.

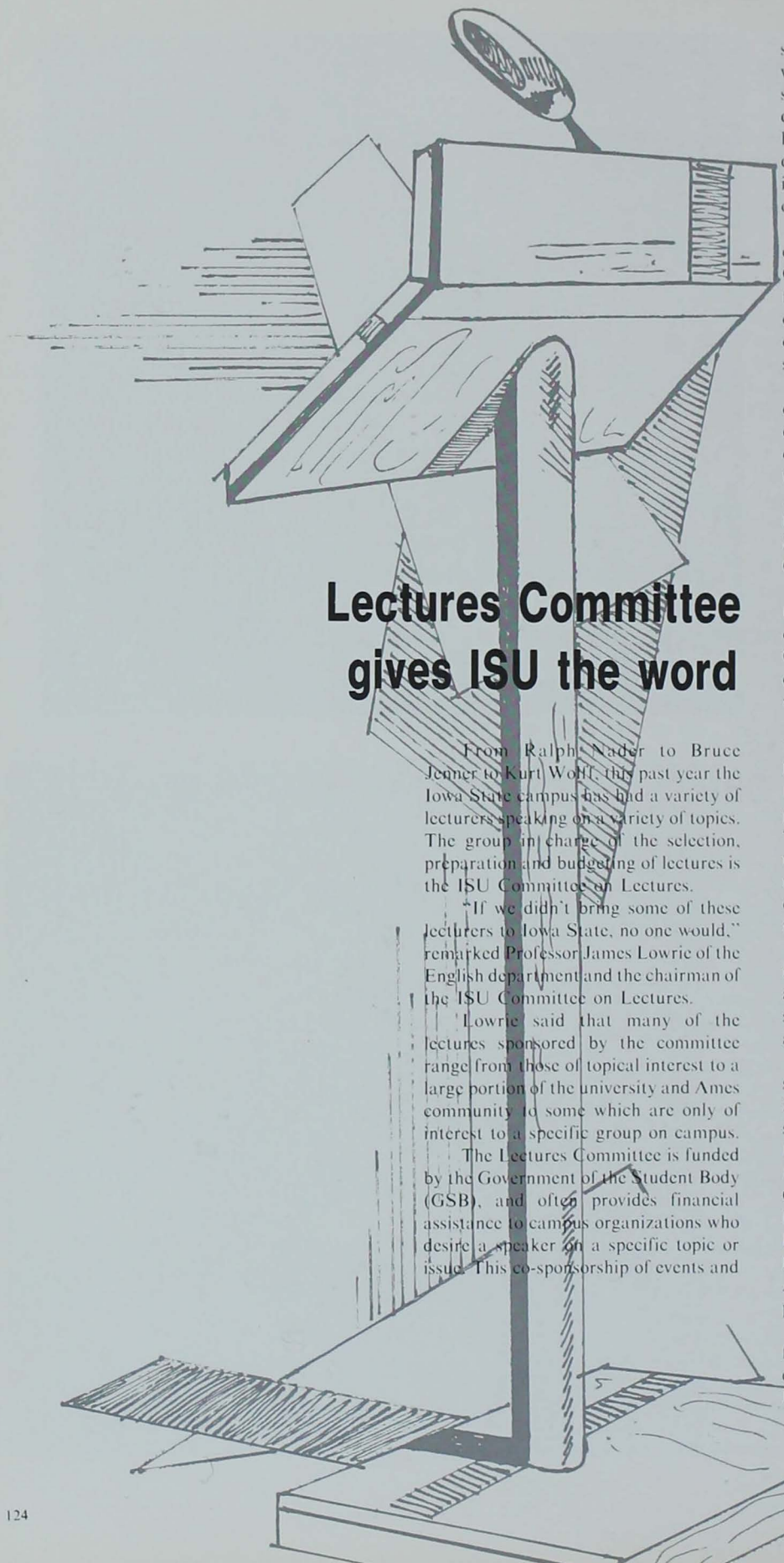
Wolff then went on to explain how man (referring to both men and women, he hastened to add) shares features with other animals, such things as hunger or the occupation of space. But man also has exclusive features such as language, social relations, emotions and "surrender." He said that the social scientist must do justice to both aspects of mankind's nature.

Wolff then related his concepts to the ideas of man's rebellion. He said that man has never had a rebellion against a human condition, but historically the rebellions have been against certain or specific conditions.

Wolff also related his concept to the technology of our time. He said that we believe that we are on the top of developments, but in actuality we are victims. We may have to surrender in order to survive.

The Wolff lecture was fairly well attended for the cold January night, crowd was mostly made up of teachers and professors. Which was probably a good thing since the difficulty of Wolff's topic was far above that of most students.

—G. Kuhrt



Lectures Committee gives ISU the word

From Ralph Nader to Bruce Jenner to Kurt Wolff, this past year the Iowa State campus has had a variety of lecturers speaking on a variety of topics. The group in charge of the selection, preparation and budgeting of lectures is the ISU Committee on Lectures.

"If we didn't bring some of these lecturers to Iowa State, no one would," remarked Professor James Lowrie of the English department and the chairman of the ISU Committee on Lectures.

Lowrie said that many of the lectures sponsored by the committee range from those of topical interest to a large portion of the university and Ames community to some which are only of interest to a specific group on campus.

The Lectures Committee is funded by the Government of the Student Body (GSB), and often provides financial assistance to campus organizations who desire a speaker on a specific topic or issue. This co-sponsorship of events and speakers has included work with the various clubs on campus such as the statistics club, philosophy club, departments on campus such as the history department and speech department, student groups on campus including the Arab students, and other organizations.

"Students and faculty at ISU are equally represented on the Lectures Committee," according to Lowrie. A faculty person from each of the seven colleges is designated to serve on the committee and GSB appoints seven student members as well.

Eugene Walton, L A 3, has served on the committee and said that the experience was a highlight of his college career. He served as the co-chairman of the Institute on National Affairs *Art in America Today* symposium last fall and has been involved in many other institutes sponsored by the Lectures Committee.

"Students have a direct impus as far as voting and choosing lecturers coming to ISU," he said. "The Committee brings many different and controversial speakers to ISU that would not otherwise come," he added.

Event such as the Institutes on National Affairs and World Affairs have been sponsored through the Lectures Committee and GSB for the past 13 years at Iowa State. Lowrie said, "Students play a big part in managing the institutes and selecting speakers and topics." These institutes usually occur once a year lasting for one week at a time.

Lowrie said that subjects for the institutes are discussed many months in advance of the proposed week so that speakers can be finalized and times arranged for the lectures.

Some of the institutes and symposiums in the past few years have included: a health symposium, Shakespearean festival, the Human Prospect-Interrelationships of People and their Modern World, America on Film, Gulliver's Troubles: The United States' Role Abroad, Violence in America, The Peoples' Right to Know, Human Dignity: Survival or Disaster (South Asia), plus film festivals and music programs.

The Lectures Committee meets frequently and sponsors speakers and events which they feel will benefit the ISU community.

—R. Whiton



The Magic of Marceau

It was evident why Marcel Marceau is recognized as "the" mime in his performance at C.Y. Stephens, Jan. 26.

Marceau communicated to the audience his renditions of different situations and people's occupations for the first hour of his performance.

Among these style pantomimes was "The Public Garden" in which Marceau acted out different people that could be found in a public garden. He imitated someone walking his dog, a balloon man, a lady pushing a baby carriage, and what appeared to be two ladies- one doing all of the talking while the other just sat and listened and nodded. All of these were conveyed without the utter of one word.

In "The Maskmaker," Marceau conveyed to the audience that he was trying on different masks. Towards the end of the skit, he was briskly switching from a mask of a frown to that of a smile. The rhythm was stopped abruptly when the mask of the smile got stuck on his face. He tried several ways to pry it loose while, in the meantime, both laughing and crying about the situation. He did finally pry it loose.

After the intermission, Marceau returned as "Bip" the clown. Bip was characterized by Marceau wearing an old black top hat with a red flower on top.

As this clown, one of the pantomimes Marceau acted out was entitled "Bip at a Society Party" where Bip tried his hardest to fit in with the high society crowd.

Another pantomime showed Bip unsuccessfully looking for a job. He tried occupations in the field of music ranging from violinist to flutist to singer. Finally, he resorted to going door-to-door doing odd jobs, and then asking for money. He was then visited by a butterfly that he could not seem to get rid of. In the end, Bip himself turned into a butterfly as if that was the life that suited him.

Before each performance, Marceau's partner Pierre Verry, holds up a sign to cue the audience as to what mime will be performed next; Marceau could get his point across without them, but the cards assign specific titles to his mimes.

The lighting and music were also aids in the communication between Marceau and his audience. The lighting changed to help emphasize and complement the mood Marceau was creating with his mimes.

When Marceau performed "The Public Garden," the stage was well lit as if it was daylight. In contrast, when Marceau was acting out his mime entitled "The Angel" and making the transition from heaven to hell, the lights were flashing different colors to help symbolize a storm. When he reached hell, he hung up his wings as he entered the Devil's den which was dimly lit.

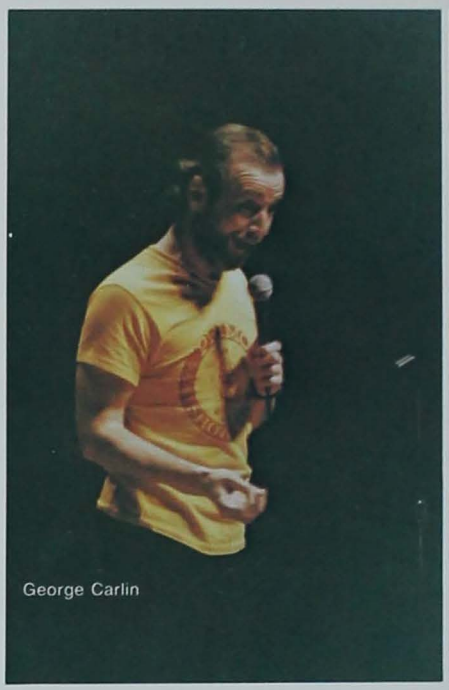
The music in "The Angel" was used effectively to symbolize whether the heavens were speaking to him or if the evil was trying to tempt him with such "evils" as drunkeness and lust for women.

The music used in other mimes also added contrast to the evening's performance because some of the mimes were done in complete silence. During these mimes you could hear a member of the audience turing a page of the program from the opposite side of the auditorium.

The number of props used were at a bare minimum. In the mime entitled "Bip plays David and Goliath," a black partition was used by Marceau as he waled behind the screen as David and them emerged a Goliath. The transition behind the partition was done both quickly and skillfully. The fight scene was very realistic, yet added a bit of humor since Marceau was actually fighting with him self.

—S. Plantz

Comedians add spark to



George Carlin



Comedian George Carlin packed C.Y. Stephens audiences with laughter and aching sides. Carlin opened his show with, "I'm going to try and hit you cats with a few bombs," and the audience responded with an explosion of laughter. Carlin shuffled back and forth on the stage complaining of a backache, but it didn't stifle his performance. For two hours the t-shirt clad Carlin threw joke after joke out to the absorbant crowd. We soaked it all up until our stomachs ached, but we laughed for more.

Carlin's jokes rested on the practical. He opened one stint with, "Did you ever belch and almost puke?" "Did you ever look at what other people put in their grocery carts at the supermarket?"

The comedy was intense. He talked about kids, old people and farts. "They have a lot in common. You call them all farts, cute little farts and old farts." Carlin crouched down and took the statue of a small kid to dramatize the position of being only belly button high. "What's it like way up here, I've never seen it?" was the comment.

Carlin had a simple solution to the present arms race. He suggested using the synthetic industry and develop rubber bullets, plastic rocks, polyester tanks and nerf missiles. The war of the future???

The Ames audience got into the act when Carlin discussed the naming of places and its people. "What are Ames' residents called?" Carlin asked, "Ames is, Amsers, Amesites . . . Amzoids?"

Carlin, finally told the audience the seven deadly words, the words that previously you had to say before you were told not to say them.

The crowd was as restless as the pacing Carlin. He kept the audience rocking on their seats "complaining" of stomach cramps. Carlin, after two straight hours of continuous rifling of jokes, reached for a glass of water. But, the audience wouldn't let him stop, they applauded for more.

The philosophical Carlin came up with this statement on the fear of death, "It's not the being dead part that scares everyone, but the getting there." Time posed a special problem to Carlin. "Just what time is it?" he asked.

Carlin joked on the absurdity of time and people's hang-up about it. "What time is it?" "Whatt?????" "Am I the official time keeper?" "It's the damned thing, we made up the whole thing. Or , how about our words to relate time, just after, going on, a little while, a short time or just a moment." "What the hell's a moment???" "How about yesterday, today, tomorrow, what about the day before yesterday, why doesn't it have a name?"

Chandler Travis and Stephen Shook prepped the crowd for Carlin. After a slow start, the musical satirists gave quite an entertaining show. Billed under the name "Travis Shook and the Club Wow," they sand and horsed around with the audience. They took potshots at the new disco craze, sing-a-longs and some poor guy in the audience who needed to excuse himself.

The craziness at C.Y. Stephens on October 25, brought a relaxed and long awaited relief to the closing days of fall quarter. Tests, papers and final projects aside for awhile, the audience unwound.

Carlin explained his technique. "It's like mental hot feet, practical jokes keep the folks on their toes," or on their feet in stitches, George.

—T. Rebsamen

fall quarter





Steve Martin

How can you describe an evening with Steve Martin? Crazy, zany, bizarre and insane hardly seem adequate. Perhaps no word can describe Martin.

When Steve Martin came to Iowa State last fall, his popularity was surprising to some, but not to those who have followed his career. Tickets were sold out in less than three hours. His "die-hard" fans even came to see him wearing "balloon heads" and funny noses and glasses.

Much of the material Martin did was familiar to those who knew him. But nevertheless, the crowd roared at every joke, every expression and everything that Steve Martin did.

He came on stage dressed in a dazzeling white suit, very clean-cut and professional looking, and then he said he had to wait a few moments before he could begin for the "drugs to take affect." He also said that he loved being in Ames because he likes to surf.

Martin's act is so unpredictable, so totally insane, so remarkably stupid, that the crowd has to have a good time with him. His act consists of several short stints, somehow blended together. Martin will stoop to any measure to get a laugh - an arrow through his head, rabbit ears, even card tricks.

Martin used his banjo, which he played quite well, to fill the gaps in his act. The expressions on his face cracked up the audience. He even tried to initiate a singalong to the ridiculous lyrics of "Grandma's Song."

The crowd especially enjoyed Martin's act of "Let's Get Small." (which is the title of his new album which he was sure to mention.) Particularly insane was when Martin told the audience to close its eyes while he "got small." He then proceeded to raise the microphone six feet into the air to the hysterical laughter of the audience.

When he found out that the crowd had already seen his "balloon animals," he decided to demonstrate them without blowing them up. His famous expression, "Excuuuuse Me," also gained approval from the audience.

Another fascinating description of Martin's was his analysis of why we must protect the ozone layer, which has to be heard from Martin himself in order to do justice to the story.

Throughout the evening, Martin made references to himself as a "wild and crazy guy" or "a rambling guy." He also said that he was "born to be wild" because he wore shoes without laces. This is one thing that makes Martin so hysterically funny - his gullible but yet somehow conceited and suave approach.

Opening performer for the night was John Sebastian. Sebastian, who used to be a member of the Lovin' Spoonful, won the hearts of the audience with his shy, yet enthusiastic personality. He sang "What a Day for a Daydream" on his Spoonful days and "Welcome Back Kotter" his hit song from the television series.

The audience went wild when Sebastian showed off his talent on the harmonica. Sebastian commented that the Iowa State audience was so good that it gave him inspiration for the rest of the tour.

All in all, it was a most entertaining and fun-filled evening. Especially considering, as Steve Martin would say, that we're all going to die someday.

—G. Kuhrt

"Jacques Brel" is alive and well in Maintenance Shop

Jacques Brel was more "Alive and Well and Living in the Maintenance Shop in Ames, Iowa, than in Paris, France," or so it seemed in this spring's Union Board Theatre production.

Jacques Brel is a Belgian songwriter whose songs are known throughout France. Each song is a unique and moving mini-drama in itself. Ten students enthusiastically performed over 20 songs as an ensemble, in small numbers or as a solo performances.

To say the ensemble performed well would be understating their talent. The show was wonderfully done, never dragging, always moving along at a nice pace with good orchestration to back it up.

As the Maintenance Shop filled up with a sell-out crowd, the ensemble came out with an impressive first number, "Marathon." Immediately the audience was enchanted as each person, dressed differently, portrayed individuals in society. The actors portrayed their individuals with unwavering realism and intensity, a factor which contributed greatly to the success of the show.

After "Marathon" each performer displayed his or her talent in expressive, slower moving songs which were interspersed among ensemble numbers. All were equally well done, conforming to the talent of the individual actor.

The mixture of songs performed, enabled the audience to view Jacques Brel's humor and unique outlook on life. Other songs included, "Timid Frieda," "Funeral Tango" and "Middle Class." The choreography in each song kept the number alive and aided the actor's expression of it. Expression was also a key factor to the show. One would often find themselves watching the actors faces instead of listening to the song.

"If We Only Have Love", the last song of the show, was in complete contrast to the beginning "Marathon" number. The intensity of the actors and the song impressed the audience. In a final outreach, Jacques Brel and the performers, displayed their talent and sincerity.

Brought back for an encore, the ensemble left the audience with a sense of satisfaction at having seen the best.

-P. Pershing





The seven-member cast of "Jaque Brel is Alive and Well and Living in Paris," included four men and three women. Above is David Aldera and at left, Martha Thompson, J. K. Ross and Julie Mondararo.





Above, Julie Mondararo sings one of the selections from Jaques Brel. At far right, Jon Haut and below David Aldera, Martha Thompson, Jon Haut, J. K. Ross and Karen Andrew. Judy Riley was also a member of the cast. **Mark Sundell**







This year's Stars Over Veishea production of Bye, Bye Birdie once again kept in the SOV tradition of staging a first class production with top-notch performances.

The light, energetic and fast-paced musical was a nice contrast to the Veishea production of Jesus Christ Superstar in 1976. Bye, Bye, Birdie related the story of teen idol Conrad Birdie, and the circumstance surrounding his induction into the army.

Birdie's agent (that rat, Albert Peterson, charmingly played by Kurt Halstead) and his secretary and companion, Rose Alvarez (Tanya Franklin) cook up a scheme to draw publicity to the star's departure by choosing one lucky girl for Conrad to kiss farewell.

Franklin and Halstead were outstanding in the lead roles. Their dancing sequences captivated the audience, especially Franklin's difficult manuevering with the male chorus in "Shriner's Ballet."

Halstead also was excellent in his solo and dance performance to "Put on a Happy Face." The set design was composed of tiers at several different levels, which made one wonder if the performers would dance right off of one, but all seemed completely of their steps. Credit should go to choreographer, Marcia A. McGinnis.

Georga Lee Duncan played Albert's mother and she instantly won the hearts of the audience by her comical portrayal. Her continuous attempts at running her son's life kept the audience entertained whenever she was on stage.

Geoffrey Close played the hero, Conrad Birdie. Rather than trying to exactly imitate Elvis, on whom the character is based, he combined "Elvis traits" with a style all of his own. It was hilarious how he could just stand there grinning while his fans would swoon, scream or both.

Kim MacAfee was the lucky girl who was chosen to kiss Conrad. She was played by Sue Baughman. The scenes with the MacAfee family reminded one of the super-square Cunninghams on "Happy Days." Mr. MacAfee, played by Dom Hammel, did a good job in portraying the corny father, especially when the family appeared on the Ed Sullivan Show as he totally hamed it up.

Ed Sullivan, by the way, was realistically portrayed by Bill Stauch. Several perhaps even looked twice to see if their eyes were betraying them.

Special recognition must go to the chorus for their energetic and enthusiastic support of the cast. They made the audience feel that they indeed were having a good time and thus the audience was able to have a good time also.

Steve Petska, was marvelous as Harvey Johnson in the chorus. Just watching him was enough to entertain the audience all night.

The musical was directed by John Alexander Lee and produced by Kay Bassett. There are too many more to mention who also deserve credit for a truly entertaining and memorable evening.

-G. Kuhrt









Clockwise from left: Rose (Tanya Franklin) and Kim (Sue Baughman) make an agreement to swear off of men; Kim and her mother after finding out she has been chosen to kiss Conrad good-bye; Conrad (Jeff Couch) and his adoring fans; and above: Albert Peterson (Kurt Halstead) tries to revive Conrad after he has been knocked out on Ed Sullivan.
Bob Carson

Miracle Worker both touching and refreshing



"The Miracle Worker" the play of Helen Keller's life is an old favorite which many are familiar with. But the performances of the ISU theater held three weekends in May was as outstanding and refreshing as a first premiere.

This reviewer had seen the movie and play several times but was caught up in the action and realistic performances of the actors.

The role of Helen Keller was played by Jennifer Hoefer. Hoefer gave an extremely realistic performance in the demanding role of the blind child.

Annie Sullivan, Helen's teacher was also excellently portrayed by Deb Rowlands-Kitzman. The audience feels compassion and empathy for the young teacher who has to tackle the difficulties of the deaf, dumb and blind child.

Perhaps the most dramatic scene was the breakfast battle between Annie and Helen. Hoefer and Rowlands-Kitzman put their whole heart and every ounce of strength and energy into the scene.

The audience was on the edge of their seat during the entire episode of Annie trying to get Helen to feed herself, and by the end of the scene, the audience was as drained and exhausted as the actors.

The play contained flashbacks into Annie's haunted and troubled past that were meant to be touching but came off as rather phoney and forced.

Keller's parents were convincingly portrayed by Timothy N. Lindeen and Kathy Juhl. We came to understand their position immediately. They wanted the best for Helen and yet saw Annie as a brash, tough woman until they realized that she was succeeding with Helen.

Jeff Musel as Helen's step-brother, James, gave a light touch to the drama as the charming, wise-cracking brother. But we later learn that his wise cracks are only a camaflauge for his deeper feelings.

The difficult play was co-directed by David W. Waggoner and Susan Kay West.

The dramatic climax was magnificently achieved as Helen at last communicates. It left the audience with a "good" feeling and the knowledge that they had seen an excellent performance.

-G. Kuhrt





The Keller family at mealtime as Helen goes from one plate to another sampling food, until Annie Sullivan puts a stop to it. At left, Jennifer Hoefer in her excellent portrayal of Helen Keller.

ISU Theater presents an unusual



Opera, of a non-traditional sort, came to Iowa State in an ISU Theater production of "The Threepenny Opera," directed by PatrickGouran of the Speech Department.

"The Threepenny Opera" was performed in Fisher Theater the last weekend of October and the first weekend in November.

This musical deals with the exploits of Mack and Knife (remember Bobby Darin's song?) and his band of thieves at the time of Queen Victoria's coronation. The play focuses on hypocrisy, deceit and the way man treats his fellow man.

Jeff Musel did a good job as the cunning Macheath (Mack the Knife). He sang several solos, but the audience was pleased most by his duets with Denise Rodd.

Rodd, who played Mack's wife, Polly Peachum, seemed to be the star of the show. Her voice was fine and clear and her acting adept whether she was portraying Polly as the innocent bride, jealous lover or capable businesswoman.

Polly's mother and father were played by Heather Hogue and David A. Vandenbroucke. Molly Herrington characterized Jenny Diver, a whorehouse madam and Macheath's ex-lover. Mack's friend at Scotland Yard was played by Kenneth Lee Walton.





opera

Some of the most entertaining moments in "The Threepenny Opea" came when the "minor" characters were on stage. Members of J. J. Peachum's "cripples' union" looked extraordinarily pathetic. Also enjoyalbe were Macheath's inept fellow-criminals as they tried to do everything they could to please Mack on his wedding day.

Jimmie Howard Reynolds' orchestra provided an excellent musical backdrop for the production. And set designer Jim Lemmon really made the stage look like dreary Old London with his brick archways.

All in all, "The Threepenny Opera" was an interesting and fun way to spend an evening.

—K. Kling









Children

Something new was developed in the theater department this year. Students combined their talents to form the ISU Children's Theater Company.

Performing plays aimed at children is nothing new for ISU theater, but forming the company was a new concept according to director Susan Kay West, assistant professor of speech.

West said that the response to this idea has been great. She said that almost every performance they have had has been a full house. The shows are not being presented on Saturday mornings rather than the customary practice of concentrating all shows in a two or three week period. This has worked out better for children in the Ames area to come and participate.



focus for theater group

This fall, "Heidi," was presented by the company. In this adaption of the famous Johanna Spyri novel, a magic elf guided the audience from the mountain village of Dorfli to Falcon's Nest, the magic mountain where Heidi's grandfather lives. Nancy Carver was Heidi and Terry G. Peters played the role of the Grandfather.

As an added treat for the Saturday morning audiences, tours were conducted backstage with make-up demonstrations.

Something unique about the Children's Theater Company is that because of the demanding schedule, most of the actors are not speech majors, nor have they been extensively involved in other ISU Theater productions. West said that majors include pre-med, pre-vet, economics and computer science among others.

She said that the varied backgrounds of majors is due to the fact that Speech majors are usually committed to other ISU Theater productions. She said most of those involved have had high school experience.

West said that this has worked out well because performing a children's shows is demanding in a different way than other theater productions.

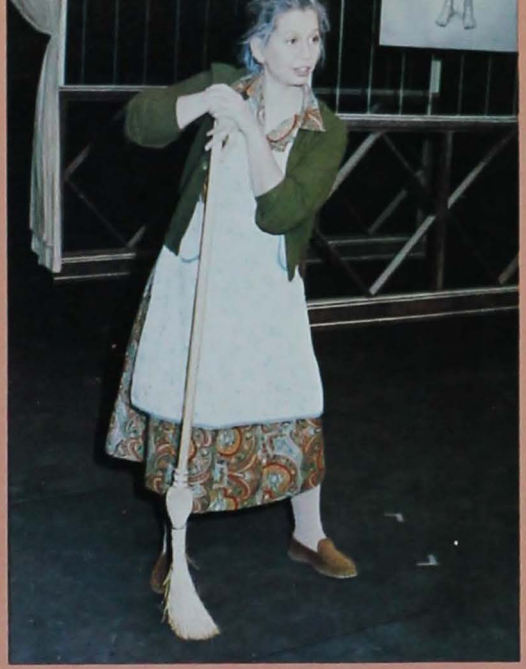
"The performances are more audience -oriented and need a lot of energy," she said. She also said that different ideas are involved and one of the most important factors is to have a "basic honesty" with the audience.

Spring quarter, "The Legend of Sleepy Hollow" was presented by the ISU Theater before the company idea was developed. "Sleepy Hollow" was the story of Ichabod Crane, and the famous "Headless Horseman." Tim Bencer was Ichabod and the play was directed by Sherry Hoopes.

In January, "The Snow Queen," by Hans Christian Anderson was performed by the company. West said that because of the favorable response by those acting and those attending the company will continue to present the children's plays.



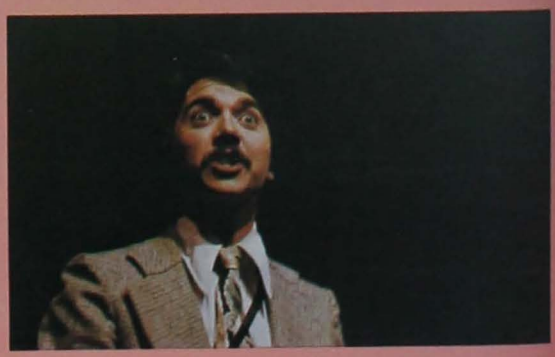
Scenes from the Children's Theater Company production of the classic, "Heidi." The play was performed on seven Saturday mornings during October, November and December.

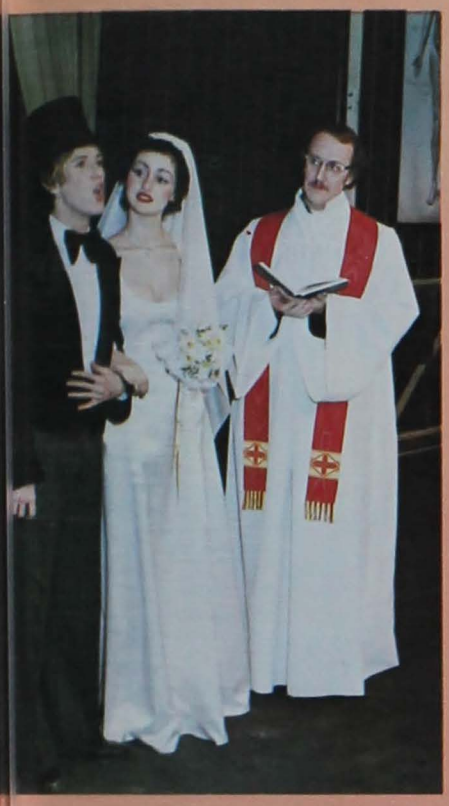














Scenes from the ISU Theater production of "Habeus Corpus." At left, J. K. Ross ponders over something in the light comedy. Besides Ross, other outstanding performances were given by Candice Hemrich, Mike Olsem and Jennifer Severin.

Bizarre characters populate adult satire

So this is what they mean by a "permissive society" repeated the characters in Alan Bennett's play "Habeas Corpus."

The play was performed in Fisher Theater on Dec. 1-3 and 8-10. Frank E. Brandt, professor of speech at ISU, directed this satire on an English family, their friends and acquaintances, whose sex drives happen to take priority over all other activities in their lives.

It is a comedy, in all respects, which makes light of Dr. Wicksteed, played by Mike Olsem, and the love affairs he has with some of his clients. It is made evident that Dr. Wicksteed was more involved with his extra-curricular activities rather than his work. He kept ignoring poor Mr. Purdue, played by Tim Van Natta, who was about to commit suicide.

Dr. Wicksteed's wife was played by Candice Hemrich. She did a convincing job of playing a woman fed up with her husband and longing for her "could have been husband" Sir Percy Shorter, played by Stephen Paul Perrella.

One of the patients Dr. Wicksteed took a liking to was Felicity Rumpers, who strolled into his office one afternoon when she was feeling faint. The audience later found out that Felicity, played by Julie Lynn Hogan, was with child, but without husband. Though Felicity did not like the idea, she knew she had to find a husband sooner or later.

That afternoon she met Dr. Wicksteed's sniffling and whimpering son Dennis who only had three months to live. Felicity could not pass up this opportunity for marriage, even though her mother, Lady Delia Rumpers, did not approve. Her mother, played by Jennifer Severin, realized Felicity's situation and revealed that the same thing had happened to her. Later on we find out that her lost lover was Sir Percy Shorter.

The self-conscious and flat-chested sister-in-law of Dr. Wicksteed, Connie, was played by Leila Marie Disburg. her fianceé for 10 years was a clergyman played by Gary P. Roberts. When Connie decided to do something about her flat chest, she met her soon-to-be husband Mr. Shenks, played by J. R. Ross, who was the adjuster for the "falsies" she bought.

While all of these situations are growing and being resolved, the maid of the Wicksteed family, Mrs. Swabb, was adding her comments and overseeing all of the happenings. Tricia Rensick played Mrs Swabb who did not get involved with any one person, but always seemed to be there to keep the audience informed.

In the end, all of this chaos was resolved by marriage, making-up and newly-formed relationships. It was not quite as involved as Mary Hartman, Mary Hartman, but it would have been good competition.

—S. Plantz

JULIE HARRIS
in
THE BELLE OF AMHERST
A new play based on the life of Emily Dickinson

Julie Harris, world renowned actress, appeared in an outstanding one-woman show.



There is no other word but "Superb" to describe Julie Harris in "The Belle of Amherst." The one-woman drama was brought to C. Y. Stephens on April 21.

Harris occupies the stage alone as she portrays America's first great woman poet, Emily Dickenson. Through the monologue, a skillful combination of poetry and letters, we are taken back to Amherst, Massachusetts, in the mid-1800's.

Harris made not only Emily Dickenson come to life but was so convincing that you even could see her father, family and even her teacher at Holyoke Girl's Academy come to life.

Harris completely removes the accepted stereotype of Dickenson as the aged and decrepit spinster locked in the attic writing poetry. We see Dickenson as a vibrant and unique woman who we grow to love and respect as the play progresses.

The audience is moved to laugh at Emily's imitations of her acquaintances, such as Uriah Crowell, a teacher who wanted to omit all "Questionable passages" from Shakespeare's works.

But the audience is also moved to sadness as Emily's rejection and hurt is felt when she is rejected by the man with whom she was in love.

The play was written so that Harris as Dickenson was addressing the audience directly as a friend. She even favored the audience with her recipe for "Black Cake."

One charming set was used for the entire show, that further added to the flavor of the era. A lovely brass bed, a coatrack and a tea set all added delightfully to the atmosphere.

The production was directed by Charles Nelson Reilly. Playwright William Luce and compiler Timothy Helgeson also deserve credit for their excellent script.

But it was Julie Harris that made Emily Dickenson come alive for the audience. To put it simply once again: Harris was superb! *-G. Kuhrt*



The Milwaukee Repretory Theatre Company (MRT) treated Iowa State to the kind of polished, cohesive performance a professional production should offer when it presented *Ah, Wilderness* as part of a two-part presentation of Eugene O'Neill plays at C.Y. Stephens Auditorium on February 28, 29.

Ah, Wilderness is a charming departure from the intensity of O'Neill's other plays. Unfortunately, it was his only comedy. In many respects, it's been considered the antithesis of *Long Day's Journey Into Night*, the first of MRT's presentations. While *Long Day's Journey* hauntingly portrays O'Neill's youth, *Ah, Wilderness* gives the boyhood he wished he's had.

Wilderness is grounded on widely-known, well-tested themes. The most obvious theme is the adolescent growing pains of Richard Miller, who's ably portrayed by Richard Heald. The entire cast, it seems, are stereotypical comedy characters. Essie, the harping, but loving mother; Sid, the drunken fool; Arthur, the Joe-college stuffed shirt; the list goes on and on. Amazingly, their typicallity far from interferes with the progress of the plot.

The story revolved around the Miller family's Fourth of July celebration in 1906. Robert Burr and Regina David were lovable as Nat and Essie Miller. David's Essie is a nag, but somehow her constant moralizing can only be interpreted as the loving concern of a Victorian mother. Her shock at son Richard's choice of reading material—"obscene" works of Swinburne, Wilde and Ibsen seemed silly, yet appropriate. Burr is perfect as the Victorian father—concerned, yet not quite as stuffy as Essie. He'a a mellow man whose idea of a harsh punishment is forcing Richard to go to Yale when he'd already planned to go there.

Although Charlie Cain, Lynn Mansback and James Pickering gave good performances as the other Miller children, Heald's Richard is most memorable. It's easy to see how O'Neill would have wanted to be Richard. The most difficult moment in the young man's life comes when his beloved Muriel McComber (Kristie Thatcher) writes him a Dear John letter. To prove his manhood, he goes to a sleazy bar and gets drunk for the first time with a prostitute; also animatedly played by Kristie Thatcher. Heald's drunk scene was rivaled only by Ron Frazier's portrayal of the drunken Uncle Sid.

Uncle Sid and Aunt Lily (Jacqueline Britton) provide a note of sadness to the story. Although they were once engaged, Lily's temperance and Sid's drinking could never mix. They go on and on, yet get nowhere. Richard sheds some light on the intricacies of men-women relationships when he suggests that Side continues to drink partly because of the disappointment of losing Lily. So the circle game continues throughout the play. Although we secretly wish they'd finally get together, by the end of the play it's obviously impossible. Lily was well played as an unwordly, stubborn spinster, while Sid was obviously fond of women and liquor. Their relationship provides a note of contrast to the other more open, loving relationships in the play.

On another level, *Ah, Wilderness* is a look at pre-World War II American society. The atmosphere in their small Connecticut town is secure and placid, yet has an air of eminent reform and great change. Richard's passions for Shaw, Ibsen and Wilde parallels the arousal of the nations' interest in these greats.

Ah, Wilderness depicts an idyllic lifestyle. Love conquers all and the continuity of life is maintained.

Ah, Wilderness was a fast paced, well conceived and performed treat for the small crowd who dared to fight the cold to see it. It takes a lot to get out on cold winter days, and the Milwaukee Repertory Theatre Company's production took the chill off of the afternoon for its charmed audience.

—P. Levitt

Fiddler on the Roof



Just as the religious traditions slowly erode in "Fiddler on the Roof," the tradition of excellence from Union Board Theater eroded slightly with their performance of that well-known production.

"Fiddler" is the story of Tevye, a poor milkman; his family and the little circle of a Jewish community amidst the changing world of 1905 Russia. It's the story of the breakdown of traditions in an isolated, orthodox community that has to cope with the oppression of the outside world for the first time.

As the play opens, Teyve, played by Alan Deyer, and company proclaim their strict adherence to "Tradition," each man and woman acknowledging a fixed place in life. But, no sooner does the song end than the traditions begin to flounder.

The overall pleasing quality of the performance was marred by two major, though avoidable problems: the most glaring disappointment being the constant mispronunciation of the names. While this may seem trivial, it was this kind of attention to detail which lends the air of completeness that was missing from this production.

Timing also seemed to present problems at various points; most noticeably during "To Life" when the butcher, Lazar Wolfe (Keith Wirtz) bargains for Tevye's eldest daughter's hand in marriage. The men appeared to be drunk as they danced—which is appropriate for a bar scene. But, the three Russians; Mark DeKovic, Scott Linn and Dan Harms, just couldn't get their solos going.

Outstanding performances were given by leads Alan Deyer and Elizabeth Topf as Tevye and Golde. The dream scene which ends the first act was far and away the best in the play. The whole cast was charged up during that scene.

Although an old bed was the only thing on stage, it seemed alive with action. Tevye's faked dream is an attempt to convince Golde why their daughter Tzeitel (Rhonda K. Twedt) should marry Motel, the poor tailor, instead of Lazar Wolfe, the rich butcher. He recounts an elaborate nightmare where Golde's dead grandmother and the butcher's dead wife come back to insist Tzeitel marry Motel. The ten-foot Fruna-Sarah (Sherri Wreghitt) was awesome as she warned the prostrate Tevye of her fatal plans for Tzeitel if she married the butcher.

Deyer was at his funniest being chased all over the stage by Grandma and Fruma-Sarah with the rest of the cast in hot pursuit. Topf and Deyer's strong singing voices and excellent expression were consistent throughout.

The wedding scene was one of the strong points in Susan Lee's choreography. The candle-lite ceremony was very well done and allowed the audience to see the beauty of an orthodox wedding. The celebration that followed was a joyous breakdown of tradition where Perchik, the "radical" student, energetically portrayed by Dennis Ogden; persuaded the men to dance with the women. Even the rabbi almost breaks the tradition by dancing with Hodel (Laura Runyan) holding a handkerchief between their hands.

The mood of the party is killed by the arrival of the constable, convincingly played by Lawrence Dutmer. Two of his men bust up the party, sending the revelers home, confused.

Tradition takes another skillfully executed beating when Perchik and Tevye's second daughter, Hodel, tell Tevye they're going to marry instead of asking him. Runyan and Ogden's "Now I Have Everything" was believable and very well done. But, once again, Topf and Deyer stole the scene arguing "Do you Love Me." Runyan comes on strong in her final scene where she leaves home to join Perchik in Siberia. Her "Far From the Home I Love" was powerful and moving.

Deyer shows competence in acting as well as singing in the "Chava Sequence." Third daughter Chava; emotionally portrayed by Kathy Jo Davies; breaks the ultimate tradition and marries Fyedka (Mark DeKovic), a Russian. According to tradition, Tevye feels he must regard Chava as dead, but he finds it difficult to turn away from her. Deyer did an excellent job on "Little Bird" while Dana Starkey, as Chava, gave a short, but nicely done ballet sequence behind him.

Another standout was Morgan Wright as Yenta, the matchmaker. Although her part was small, Wright's Yenta shone through as real gossip. Kristi Guhin was cute as well as talented as the fiddler who perches atop Teyve's house and in the end follows them to America when the Jewish community is ejected from Anatevka.

—P. Levitt









(Clockwise from above) Alan Deyer as Tevye singing of "Tradition." In next two photos: Tevye and friends celebrate, "To Life!" At right, Tevye and family share serene moment.







Scenes from the Noel Coward comedy, "Private Lives," performed this summer by MURST to mostly full houses. Among those in the cast were Denise Rodd, J. K. Ross and John Lee.

Variety and excellence key to MURST success

From "Man of LaMancha" to "Kids' Show," the Memorial Union's Resident Summer Theater (MURST) once again performed an excellent summer season of theater for students and residents of Ames.

The musicals and light comedies were all performed in the Maintenance Shop of the Union to full crowds each night. Ten performances were given for each show, with 70 performances given in all. Something different this year was the Sunday night performances with no-liquor and no-smoking restrictions.

This made it easier for Ames families to get involved with the MURST productions.

This was the fourth year for MURST and the response has been bigger every year. This year two different performances were given on some nights and this permitted Ames residents to see perhaps three different shows in three different weeks.

There were 25 people involved in the acting company and each performed in at least three productions. All MURST shows were directed by John Alexander Lee.

"Canterbury Tales" was the first production of the summer. It was a musical adaptation of the Chaucer version and told of the travels of a group to Canterbury. Each character told a particular tale or story on the way.

A popular Noel Coward comedy, "Private Lives" was next on the agenda. It is a British comedy situation relating the occurences of two honey-mooning couples. The comedy turns to spoof when the couples run into each other, especially since two of those involved have been married to each other before.

"The Fantasticks!" and "Celebration" were both written by Schmidt and Jones. They were whimsical musicals that both dealt with love.

"The Fantasticks!" was the story of how parents try to get their children married. "Try to Remember" was a popular song from this musical. "Celebration" was the story of an orphan who has nothing and a rich man who has everything and how they find each other and change each other's lives.

"The Owl and the Pussycat" was the sophisticated comedy that told of the love situation between a prostitute and a writer in New York.

The last musical of the summer was the popular, "Man of LaMancha." It told of the life of Don Quixote and featured the dramatic song, "The Impossible Dream."

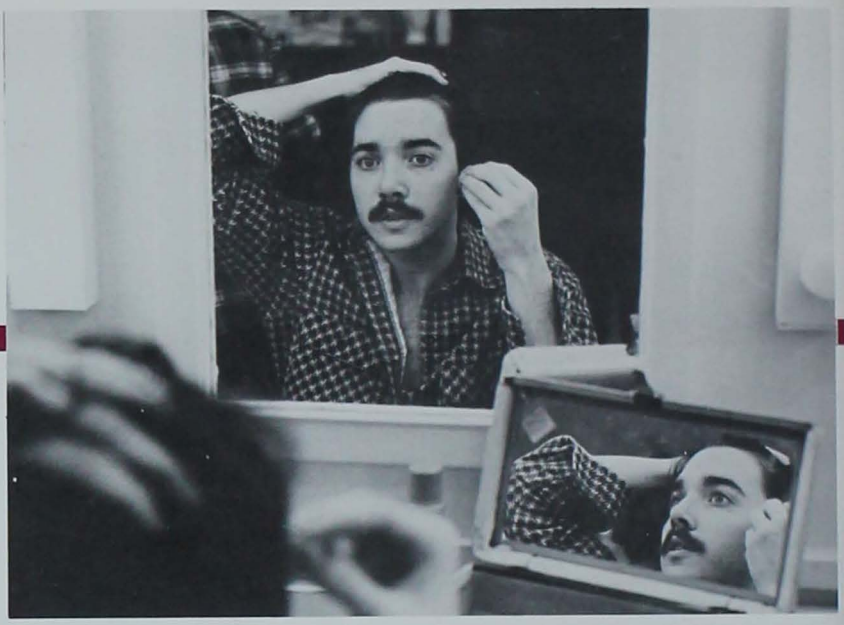
The last show of the season was simply entitled, "Kids' Show," an original musical written by Dwight Currie of Saydel. It ended a once again fabulous and successful season for MURST.

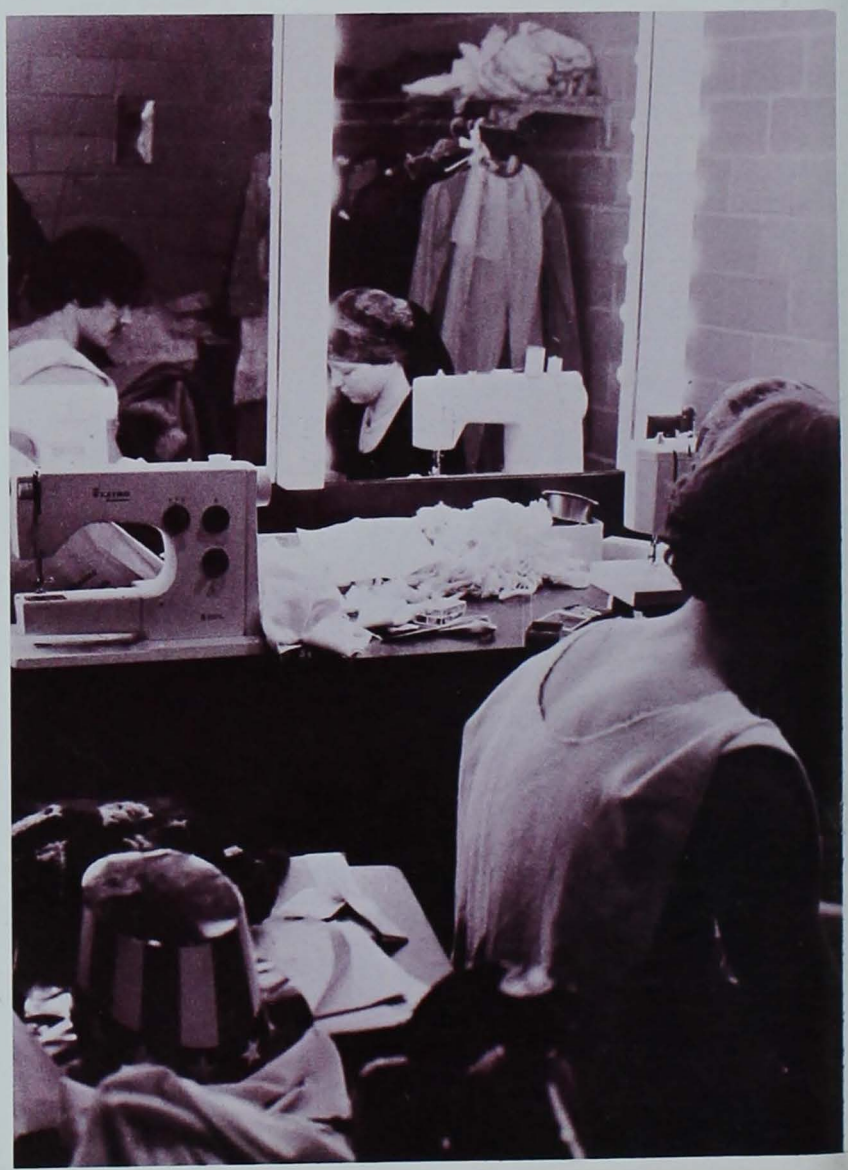
- G. Kuhrt



The first performance of the season was "Canterbury Tales." Those in the cast included Jonathon Haut, Denise Rodd and J. K. Ross.







Putting together a play is much more than learning lines. Most of the work is done by people the audience never sees. In the top picture, J.K. Ross checks out all the angles when making up for I.S.U. Theatre's "Habeus Corpus." On the bottom, Joyceane Metcalf puts the finishing touches on costumes for the Union Board Theatre production of "Fiddler On The Roof."

Fiddlin' Around Backstage

When actors say "the theater is my life," we, the public, tend to chuckle. Cliché? Maybe. But true for people involved in theater at ISU. From the directors on through the ranks of cast and crew members, the theater occupies a great deal of time in their lives.

All that work is often forgotten the minute the performance begins. But as the lights go down, it's not the small group seen on stage, but a much larger one whose efforts made the show possible. In this feature, we've gone behind the scenes at the January Student Union Board production of "Fiddler on the Roof," to see just what is involved in producing a play.

According to director of the ISU theater, Patrick Gouran, a study has been made that indicates that for one production; including five weeks of rehearsal and six productions; the total cast and crew work at least 1500 hours. And this, said Gouran, is after a great deal of pre-planning had already occured.

Like most of his casts and crews, Union Board Theater (UBT) Director of Performing Arts, John Lee, is a student. He is responsible for producing and directing an average of ten shows each year—three major productions between September and May, plus seven shows for the MURST (Memorial Union Resident Summer Theater) season—while attending graduate school "when I get around to it."

For Lee, though, classes are more time consuming than for the casts and crews. "I'm not an anonymous student and I miss that. I'm often asked to lecture in my classes and they usually expect more of me than I'm capable," laments Lee.

But, somehow, he manages to rehearse five nights a week, go to class and work during the day, read extensively to find new material, and stay married. The marriage is perhaps the least demand on Lee's schedule because his wife, Susan, is the assistant director of performing arts for UBT. Susan's expertise is dance and stage movement. Together with a part-time secretary, the Lees are UBT, and UBT is the Lees. "Luckily, we're both into theater because we spend most of every day and night working on shows," said Susan.

As the program directors, they alone are responsible for choosing, planning, auditioning, rehearsing and directing each play.

Even when they get a vacation, the Lees are searching for new material. "We usually get a week or two off and we go to New York and see every play we can get in to see," said John.

At ISU Theater, Gouran had a staff of nine who are jointly responsible for choosing their plays. They also look to students for ideas. Gouran directs between one and three plays a year; the others being directed by other staff members. The specific director for each show is ultimately responsible for the whole show. "The director is responsible for every aspect—a turkey is strictly my own fault," said Gouran.

Ultimately, the responsibility for choosing plays for UBT rests on John. He hesitates to ask opinions, but freely accepts responsibility for badly picked shows. "There have been two productions that I feel were below our dignity," John lamented. "In 'The Haunting of Hill House' the mystery wasn't sustained; and 'Gypsy' was produced in Great Hall which has rotten acoustics and bad set-up."

Although technical considerations are necessary factors in choosing a play for production, both Gouran and Lee consider other aspects of the play.

The show has to be possible to produce in the college atmosphere and acceptable to the audience. In addition, Gouran looks for some merit as dramatic literature and for a theme or idea that the play conveys. There is also a great deal of intuition employed in judging plays. Although he likes to choose plays with the precision that "Fiddler on the Roof" was chosen (by tabulating student survey results), Lee's decisions are almost totally intuitive. "I have to be excited about a show. It has to be challenging and fun for the cast and worthwhile for the audience."

When the show is finally chosen, preplanning begins. For UBT, Susan analyzes the dance and stage movements before auditions can begin. She decides how much dance will be used and in what styles after doing any necessary research.

First contact with the actors is the tryout. For John, the entire atmosphere of the tryout is under scrutiny. "I begin getting feelings about people from the minute I walk in. I judge not only their onstage performance, but also the glimpses of personality that come through when they're off stage." Tension runs high during tryouts, so Lee tries to keep it unstructured and relaxed. Again, his selections are intuitive. "I'm looking for personality as much or more than talent," Lee said.

To Gouran, selecting people by a one-time tryout is the worst possible way. He has more definite criteria by which he

when it looks easy, we know

judges, however.

"Although it's only my best guess, I look for projected growth of the individual, what working with this person will be like, ability to create, lack of inhibition, versatility, and no matter what anyone says, physical characteristics. I also have to go on my previous knowledge of an individual's performances while, at the same time looking for new blood."

When the trauma of auditions is over, and the cast chosen, rehearsal begins. Rehearsal schedules are often a shock to the novice actor. Gouran estimated that there are forty three-hour rehearsals during the five week period ISU Theater allows.

UBT productions are rehearsed for fifteen hours a week over varying time spans. The first rehearsals involve blocking or giving the cast an idea of how and where to move.

In addition to these blocking sessions, dances must be learned and rehearsed (if there are any). According to Susan, each dance takes approximately six hours to learn plus hours and hours of extra rehearsals to perfect. For a musical, like "Fiddler," the time involved is immense. There are 18 dances excluding duets and solos.

During the last week or two before production, UBT actors rehearse from four to eight hours every day. But even before that time, much if not most of the actors' time is spent on some aspect of the play.

Some, like Beth Topf, El Ed-1, have the added weight of being part of the technical crew. In "Fiddler," Topf portrayed Golde, the female lead, and served as properties mistress. Like many others, Topf drifted into theater by accident.

"I was dating a cast member of "Man of LaMancha," and I went to rehearsals a lot. I fell into helping out, especially in props. I didn't begin acting until a year and a half later," Topf explained.

Even with a full load of classes, Topf finds herself able to keep up. "Acting doesn't take away from school. But, sometimes the play has to come first," she said. As properties mistress, she has the additional responsibility of collecting props for the show. Although she volunteered for the job, she said that "props are a hassle. The people in the show take the technical stuff for granted. It takes a lot of time with a play like "Fiddler" where the props have to be of a specific period and look old and used."

Rehearsals take up much of any student-actor's free time, but Topf doesn't feel that's a negative aspect of college theater. "I don't usually miss the other things, I enjoy rehearsal too much. Besides, you make a lot of good friends through theater," she said.

Todd Harriss, Con E/1 Ad 2, was the construction crew chief for "Fiddler." He spent as much time planning and building sets as the actors spent rehearsing.

Because UBT productions are staged all over campus, sets must be constructed in one place and later moved into the appropriate theater. This, plus budget restrictions, create extra work for Harriss and his crew. "Everything had to be modular. It had to bolt together and then be taken apart and moved into C. Y. Stephens." Once they got into C. Y., the construction crew worked three solid days putting the sets back together and smoothing out the rough edges.

The sets are not finished as the seem to the audience, but according t Harriss, the aesthetic distance betwee the audience and the stage allows them t take liberties. A good set designer ca take the load off the construction crew according to Harriss.

"I was lucky to work with Al Deye on "Fiddler." Al played the male lead Tevye, and is also an excellent se designer. He made good use of space an materials and that made my job a littl easier," Harriss said.

Harriss took eighteen credits whil trying to finish the sets for "Fiddler. Unlike the others, he feels that his strictl volunteer effort has taken its toll. "I'v had to skip classes, but luckily I've ha understanding instructors."

Like Harriss, the crew was volun teers. He would have liked to have mor help from the cast and the public, but, h said that they don't recognize th technical crew's work and problems. "W aren't always helped by the cast an public. They take us for granted, but the get mad if our work isn't done," he said

Another unsung hero of productio is the costume designer. For "Fiddler," Joyceane Metcalf, Sp/Theater 4, was th person who designed and sewed all of th costumes. "Fiddler" had a cast of 37 wh each had two or three changes; the lead had four. "Costume production is a l more work than people realize," she said Before she can begin sewing, Metcalf ha to read the play two or three times, tal to the director to get his ideas and d extensive research into the costumes the period the play is set in.

Costumes aren't thrown togethe either. They have to be sewn well the fir

ve've done well . . .

time so they'll last." she explained.

Metcalf spent nine hours a day working on costumes, and longer during the final weeks of the production. She also had a full load of classes. But, like Harriss, although the classes were important, the play was more so. "When it comes down to sacrificing classes for the play, classes can suffer," she said.

She is also a volunteer but she said she's rewarded by seeing what she'd done on the stage.

She had no formal schedule for working and studying but managed to find time for both as well as for herself. "I don't feel my social life has suffered. I find time to do everything I really want to." she said.

Audience members often walk out of a theater thinking that what they saw was easy to put together. According to Gouran, this is the ultimate compliment. To the unknowing viewers, the production of a play seems to be an effortless, oft times fun venture. But there's a lot of work behind a successfully staged play. Rehearsal also seems effortless, but behind the laughing and joking, a great deal of concentrated effort and a lot of sweat goes into getting it all together.

"When the audience thinks they could have done as well with little or no effort, then we know we've done well. We've made theater look natural," said Gouran.

—P. Levitt



Medieval Christmas celebrated through annual Madrigal Dinner



Dancing, music and good food greeted students returning from Christmas vacation in the form of the Madrigal Dinner. This event has become an ISU tradition and was held Jan. 5-8 in the Great Hall of the Memorial Union.

The Hall was the perfect setting for the program as it was decorated to resemble an Old English castle. The candlelit tables added to the atmosphere and the students taking part were dressed in colorful costumes depicting the pagentry of dress in Old England that further enhanced the mood.

Orchesis II members added to the program by portraying peasants, court dancers, tumblers, jesters and jugglers. Dana Starkey directed the group as they delighted the audience with their energy and imagination.

Musical entertainment was presented by Musica Antiqua, an ensemble specializing in instrumental music of the Middle Ages and the ISU Chamber Singers. The dance and musical acts were presented throughout the dinner.

After-dinner entertainment also included a folk tale, "The Wise People of Ames," by the Iowa State Players. The play was an adaption of "The Wise People of Gotham," and was directed by David Zvacek-Ochler, an ISU speech senior.

Some of the sights and sounds that helped to make the Madrigal Dinner another success this year. Left: Ed Weiss. Right top from left to right: Members of the Chamber Singers; Carol Pearson, Jon Grobeck, Janet Hulse, Dean Reschke, Carolee Gruneich, Sam Wormley, and Cynthia Lawrence. Below: Ed Weiss, Eric VanCamp, Kathy Kiser and Jim Burns. Far right: Dee Dreeszen, Julie Yommens, Jim Burns and Kirk Heer. Jim Burns was a guest trumpeter from Nebraska.

John Riches







Belly dancing provides both mental and physical benefits

Belly dancing lessons aren't just for harem hopefuls.

According to Betty Erickson, who teaches belly dancing at the Memorial Union, her courses are for anyone - including men. "Anyone can do it. It is a very natural type of movement that doesn't take much effort, only a little concentration. Its a very smooth, sensual, relaxing and rythmic movement. Its really a lot of fun and can be enjoyed by anyone," Erickson said.

Advanced, intermediate and beginning classes meet in the Union once a week to practice to the tune of Middle Eastern music. Advanced courses are varied each quarter so students can retake the course and still keep learning.

After completing all the offered courses, some girls go on to perform for newcomers clubs or various church groups. However, Erickson said performing is not usually the goal students have in mind when they take the courses.

"The biggest benefits students' receive from belly dancing are mental rather than physical. The students feel good about themselves. They can do something that nobody else can do and they do it very well," she said.

Most students enroll in the classes because they want to exercise and have fun at the same time. A few years ago, Erickson was such a student. "For me, I was just sitting home all the time. I wanted to try something different, not just a regular exercise course. I heard about the belly dancing course at the Union and thought I'd try it. I was really impressed with it and just kept going. When the teacher I had went to Egypt to study and decided she wouldn't return to teach in Ames, two of us took over the classes and have remained as the teachers," Erickson said.

—L. Stille

Belly dancing student demonstrates this ancient but very popular form of dance during a class at the Union.







Just as every shoe on the shoemaker's shelf possesses unique qualities and characteristics, so too did each of the numbers performed by Naiads in "A Little Bit of Sole". The 16 members of Naiads,ISU's co-ed syncronized swimming club, chose this "slippery" theme for their annual spring water show given March 31-April 2.

With a little assistance from a giggly elf, a kil' ol' shoemaker introduced each of the 9 numbers from his shop on the side. His work bench, as well as the show, contained everything from "Cowboy Boots" and "Baby Doll Shoes" to "Fins."

There was some fancy footwork outside of the water as well as in. During a dream-like sequence from "If I could (use my shoes)" participants used modern dance to capture the mood set by excerpts from the "Other Side of the Mountain." This was contrased with short, precise marching movements made to a military tune in a very well performed "Army Boot."

For the first time men did more in the show than just hold girls up in the air, as 2 male members of the club performed their own routine. To the tune of "Roll Over Beethoven," Curt Danner and Mick Rathermel clicked their way through this and also "Blue Suede Shoes."

Costumes in the show were glittery, belted suspendered, holstered, multicolored and more often than not either red, white or blue.

Sue Moberly, club president, was in the spotlight for the traditional honor solo. In "Barefoot," which she choreographed herself, she seemed happy-go-lucky and carefree, while at the same time making movements that went exceptionally well with the music.

Highlights included a long back chain dolphin performed in "Army Boots" and a series of chain dolphins performed by the 2 males in "Blue Suede Shoes.' Other crowd pleasers were a star shape made during "Snow Boots" and a cogwheel-like structure created in "Spectator Shoes."

One rather different number was "Fins" in which everything was performed underwater. Mostly in solos and duets, participants swirled and turned in their underwater world, almost seeming to become fish themselves.

The finale, "Spectator Shoes" wasn't especially spectator, but evened out a very enjoyable evening.

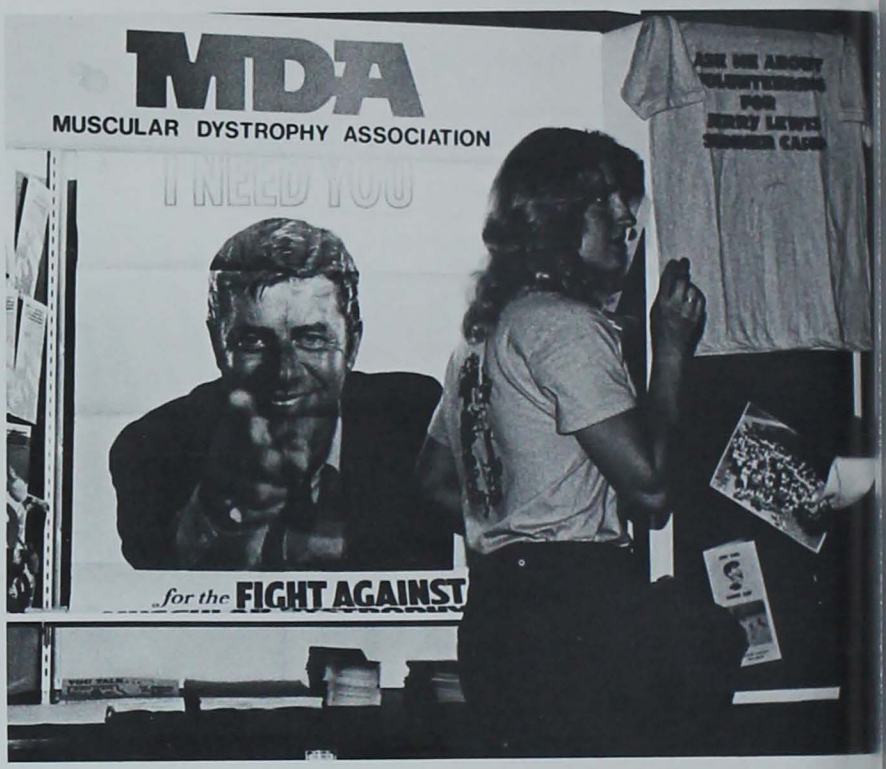
-S. Eckert





From the side of the pool, the shoemaker and his elf introduced each of the numbers of the Naiads during their annual spring show.





Marathon raises $33,000

The fifth annual Dance Marathon for Muscular Dystrophy was held March 11 and 12 and was definitely the largest service project at Iowa State during the year.

This year's Marathon brought in a total of $33,334 in pledges. This amount brought the five-year total to over $71,000.

Over 300 couples danced the 30 hours in Hilton Coliseum. Each couple as required to pay an entry fee of $10. Many couples were sponsored by organizations such as Residence Hall Week, fraternities and sororities, and various residence hall floors. The couples were given pledge cards for people wishing to pledge money for each hour of dancing they completed.

In previous years the marathon has been sponsored by the Beta Sigma Phi fraternity, but this year it became a campus organization to increase involvement and become eligible to use university facilities.

The money raised at the dance marathon goes to the Muscular Dystrophy Association (MDA) to support research programs that develop theraputic and preventative measures against the muscle disease. The money is also used to develop a program of patient and community services and to promote programs of public health education and professional education and training. Eighty-two per cent of the MDA funds go toward these goals, the remaining money is sanctioned to fund raising drives and administration funding.

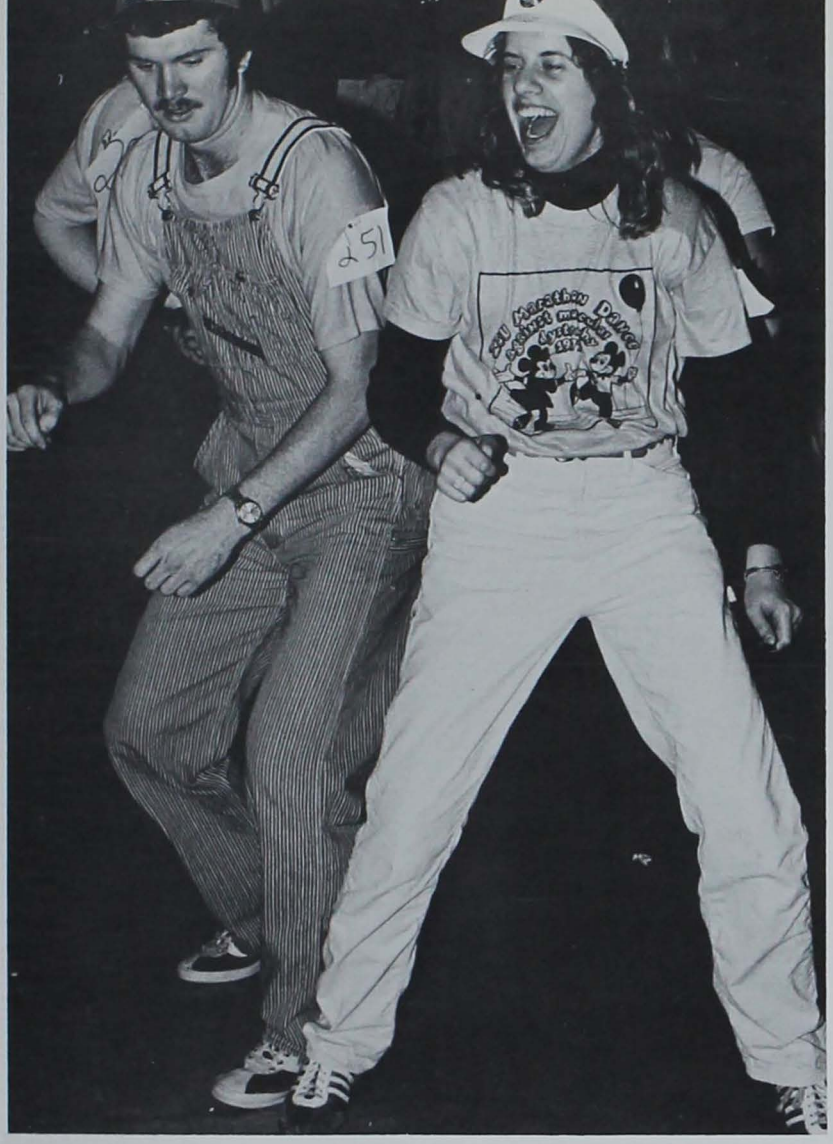
The money raised here this year was presented to Jerry Lewis at the annual Labor Day Telethon by Sue Gaffney representing ISU.

Many Ames businesses donated time and effort to making the dance a success. This year Hardee's, Kentucky Fried Chicken, KGGO radio, Wendy's, Dale Rudd, and the Pizza Hut helped in various ways to feed and entertain the dancers.

Next year's Marathon is scheduled March 31 and April 1 and the goal is to raise over $40,000.

-R. Whiton





Although the purpose of the Dance Marathon for Muscular Dystrophy is a most serious matter, the contestents all had a good time, taking part in such things as a goldfish swallowing contest as shown below.











Barjche seen "close-up" at Fisher

A close-up view of controlled movement, facial expressions and dancers' concentration made Fisher Theater the perfect place for another excellent performance of Barchje.

Unlike the larger C.Y. Stephens Auditorium where Barjche has been staged since 1970, Fisher allowed for a closeness between audience and performers.

When the "Hoedown" dancers took the stage, the audience couldn't help but have a great time. It was perhaps the only number in the program where the dancers didn't just look pleasant, they looked like they were having fun. The bright costumes, cornfield setting and lively music also added to the knee-slapping, toe-tapping feeling.

It was disappointing that the same happy, carefree feeling wasn't conveyed in the opening number. "The Dawning" was a beautifully flowing piece, but the pleasant feeling it was intended to show was ruined. While the dancers' movements were light and happy, their faces resembled store manicans with pasted-on smiles.

"A Tribute to the King" - Elvis Presley was a fantastically funny number portrayed in two parts. The first showed a pooped-out dance marathon participant whose partner was wide awake and raring to go. The second number consisted of three convicts dancing to "Jailhouse Rock". J.K. Ross added to the humor of this number with his serious, jailbird-type expressions.

The Elvis number was presented at the perfect time - right after "Sueno Mohino del Quarto Mundo", a heavy, thought-provoking piece with a definite meaning. Although the graceful movements were stimulating and perfectly coordinated, the revealing costumes were distracting and offensive to many members of the audience.

A happy highlight to the show was added by the Dance Machine, a group of nine to 12-year-olds from Roosevelt Elementary School. The children performed a series of short, peppy numbers aided by the affects of imaginative lighting.

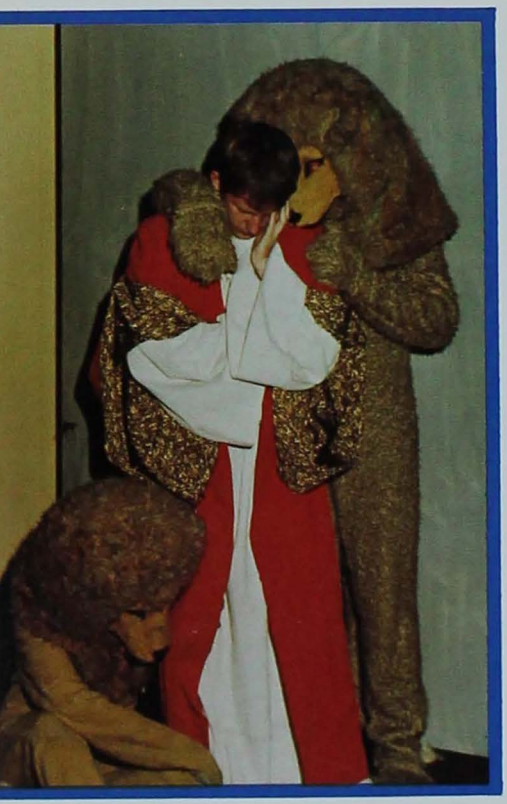
"Randy" was a long, drawn-out modern piece that left the audience wondering if it was a dance, a nightmare, or a sick comedy. The number was perfomed mostly in silence from an offstage voice. The dancer's movements were original yet very repetitious and unexciting.

The perfect conclusion to Barjche was "If this is a dance Then Where is the Music?" It's colorful costumes, slapstick comedy, and sometimes beautiful, sometimes humorously awkward movements left the audience with a happy-go-lucky feeling.

—L. Stille



the play of daniel













Dance, along with music and drama, was combined with pagentry in the meaningful performance of "The Play of Daniel." Richly-dressed royalty, lions and angels welcomed the Christmas season to Ames in the ISU Opera Studio's production.

The play was performed at Collegiate United Methodist Church on December 2,3 and 4.

Accompanied by Musica Antiqua, the story of the prophet Daniel, who read the writing on the wall for the evil king Belshazzar and escaped the lion's den, is sung entirely in Latin the drama.

"The Play of Daniel" dates from the 13th century when liturgical dramas were one of the major features of a medieval renaissance which took place in 12th century Europe. Drama was used as a media of instruction, for few laymen understood the Latin which the liturgy was written. The language barrier was broken by the emotional impact of the acting and power of music.

"The Play of Daniel" contains some of the finest and most expressive examples of medieval monophonic song. The intricacies and freedom of their meters and rhythm, and their intensity of feeling, place these songs far above those found in the original version.

There were twelve great processionals in the play. These included the entrances of Darius, Beshazzar, David and the Queen.

Under the direction of Eric Van Camp, ISU's Opera Studio did an outstanding job in this most unusual type of production. The play ended as an angel foretells the coming of the Christ Child. Musica Antiqua, directed by Carl Bleyle, provided the period music for the play.

Randall Compton portrayed the prophet Daniel, with Bruce Martin as the Persian king Darius. David Larson was Belshazzar with Kim Alger as his queen. Ed Weiss narrated the play, explaining the action in English to the audience. Strong singing and action support was provided by a 16 member chorus.

Choreographer and Movement Consultant was Cynthia Shumate. The scenes involving the lions and particularly the lion's dance was most impressive.

—D. Bell



Joffrey

Even a snowbound travel truck wouldn't dare make a Joffrey Ballet performance anything less than perfect. With their truck stranded miles from Ames, the company was forced to improvise costumes, borrow a dance floor and change sections of their program. But they fooled their audiences. All three performances sparkled with charm and professionalism.

The Joffrey's talent was best shown in their ability to present both modern and classical pieces within one program. While their classical pieces displayed the traditionally beautiful ballet style, their modern movements brought a variety of interesting shapes and contours to the dancers' bodies.

Saturday night's performance opened with "Moves", a ballet danced in complete silence. The dancers were in complete control and totally mastered the problem of timing without music. Yet, the piece wasn't satisfying to the audience. The deadening silence was difficult to accept from an opening number. Had the dance been presented later in the program, it may have fared better.

Other dances performed on Saturday included the "Tarantella", a quick dance featuring extensive allegro footwork and "Monotones", a trio which focussed on simple, unison movements.

Total body movement was shown Sunday in "Touch Me", a modern ballet with a gospel beat. The long flowing yellow skirt worn by the dancer, played an important part in the number as it fanned and draped around him.

Two more strictly classical pieces, "Les Patineurs" and "Pas De Six From La Vivandiere" were also performed Sunday afternoon. In both of these pieces the dancers floated across the stage with the traditional arabesques, pirouettes, leaps and turns.

The Joffrey's performance ended with "Rodeo" which told the story of the tomboy cowgirl who eventually decides that being a girl isn't as bad as it seems. The surprising part of "Rodeo" was the polish the dancers maintained while dressed in cowboy boots and skin-tight Levi's.

—L. Stille



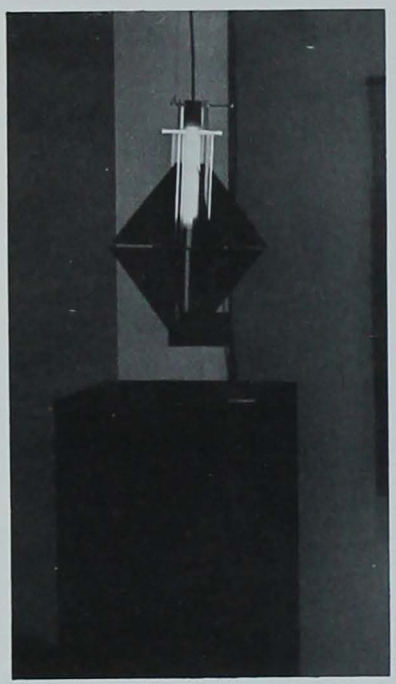
excellent despite weather problems





Scenes from the Joffrey Ballet.
Opposite top: "Rodeo." Opposite below: Christian Holder in "Touch Me." Above: "La Vivandiere Pas De Six." Left: "The Dream," with Kevin McKenzie and Denise Jackson.

applause
applause
art
applause



Brunnier displays student art

Iowa State was treated to the talents of students via the Brunnier Gallery when the Gallery presented the works of almost 70 students in 98 various art projects.

The display was shown at Brunnier from Jan. 10 through Feb. 19.

The student's work went through two judgings, the first by members of the applied art department and the second by Ray Fredrich, an instructor with Marshalltown Community College. The Design Center Student Exhibit contained a variety of art forms by students in the departments of architecture, applied art and landscape architecture, which constitute the Design Center.

With the variety of majors was a variety of artwork exhibited. Most of the art possibilities were at least touched upon, which added to the enjoyment of the display.

There were projects in photography, pencil and ink drawings, oil paintings and charcoal and watercolor designs. There were also projects in clay, acrylic, plexiglas and silverpoint. Craft enthusiast were probably impressed by the projects done in batik, weaving, tie-dying, silkscreen and rug-hooking. There were many projects done in wood and there was even a project in calligraphy.

So the Brunnier Student Exhibit did have something for everyone and a fine recognition for those students whose work was involved.



(Above) "Winged Light," a plexiglas class project by John Myers, Applied Art 3. (Right) "Kingpin" made out of walnut and birch, a class project by Stanley Nixon, Applied Art 4.



(Left) "Oak Chest," a wood project and "Eskimo," a weaving class project by Debbie Kerns, Applied Art 4. The "Hall Tree" was done in cherry and ebony by Anne Clark, Applied Art, 4. (Below) Landscape Architecture projects by Tim Teig, John Siberall and Tom Byrne, L A seniors. The projects were entitled "Location," "Present" and "Future."







Focus 1977 was held April 21-May 4th. The two-week long event featured the creativity of ISU students.

Before the ISU Center was built, the Focus program was geared toward professionals. But eight years ago, the Focus Committee switched from centering on professional talent to centering on student talent.

Students were encouraged to enter both funded and non-funded projects in the areas of literature, sculpture, dance, television, film, music, drama, painting and any other area of the fine arts. Over 150 students participated in Focus, with more than 300 projects being submitted.

One of the most popular student exhibits was the outdoor sculpture "Spring Fever" which was displayed on Central Campus. Dan Thilo and Mark Synder designed the 42-figure work of art from lumber and chicken wire coated with plaster bandages.

Besides student projects, Focus '77 presented ISU with music concerts, films, and lectures; some of which included a lecture by Natalia Teteriatnikov, a Russian iconographer and a piano recital by Marion Barnum and William David. Constance Tanczo presented an ocarina concert and carillonneur recitals were given by Frank Law and Richard von Grabow.

Focus '77 introduced many students to the fine arts by relaying the visions of ISU artists. These visions opened and expanded the minds of students by helping them formulate their own ideas and concepts of the fine arts.

-D. Christensen

Focus

A music recital was held on Sunday, April 24, as part of the Focus Festival. Top performer of the auditions was Dalene T. Bubeck, pianist, a junior music major.

Other performers chosen for their outstanding talent were Janet Kay Grauf, pianist; Tom Richards, pianist; and a trio consisting of David Daines, Jr., violin, Michael E. Hipp, french horn and Timothy Burgess, pianist.

A composition for a woodwind quintet written by Lori Schmidt was performed by Shon Verploeg, flute; Katherine Harmison, oboe; Michael Wilder, clarinet; Kevin Frey, french horn; and Kevin Shilling, bassoon.

There were four divisions in the photography awards. In pictorial photography, Mark Reis, JLMC 2 and Dale Young, JLMC 3, tied for first place. Barbara Lewis, L A 4 won in



The dance group, Orchesis performed at various locations throughout campus, as part of Focus Festival. The theme of their program was "Dance, the Universal Language." It consisted of six modern dance adaptions of tradional folk dances from all over the world. The dances attempted to teach of dance forms, history, costumes and music of other nations.

Winners

documentary photography and Brad Dill, Arch 2 won in experimental photography. Barb Becker, Educ. 6 won first with her entry in the color competition.

In sculpture, Frank Dlougy, Arch 4 and John Freeman, Arch 4 won first place.

Joe Powelka, Arch 6, won first place with his painting entry and Judith Riley, A A 4, won first in drawing.

In the crafts division, there were two first prize awards. They were Cynthia Cone, A A 4, and Debra Barnhart, A A 3.

In writing competition, the winners were Karen Marie Burns, D. St. 4 in critical essay; Betty Lartius, S & H 4 in poetry; and John Arends, JLMC 4 for fiction.



Union Crafts Center features

The Memorial Union Crafts Center at Iowa State is "bursting at the seam," according to its coordinator Debbie Duncan.

Enrollment in courses and events has increased ten-fold in the past five years at the center, with a jump from 200 interested students per quarter in 1973, to 2000 in 1978.

Duncan said she believes the increased enrollment, of Iowa State students in paticular, is due to the fact that they need something outside of the classroom situation which doesn't require homework or pressure.

One of the most interesting aspects of the classes is that the enrollment consists of such a diverse group of people," remarked Duncan. The students involve range from pre-schoolers to professional artists with master's degrees.

A class entitled "Parent and Child Clay Workshop" is offered to children ages three to five years with the goal of helping students work with craft materials and include a learning process with parents. Other classes for youngsters include Preschool Batik/Art Experience, and children's puppet-making.

The Crafts Center offers a 12-month program of courses and events available to anyone in the community who is interested in learning more about crafts, design and practices. Publicity expansion has been designed to include more community members as well as students at Iowa State. "It is a nice situation for a class to have a number of people attending from different areas of the community," remarked Duncan.



Enrollment in courses during the summer months at the crafts center is about the same as during the school year. Duncan attributes the stable enrollment to a fact that there is more leisure time for people wanting to be involved in craft-types of activities.

The Crafts Center started in 1969 in a pin room behind the Memorial Union bowling alley and people were required to walk down the lanes of the alleys to get to the center. Since then it has been moved to its present location in the basement of the Union. The lack of sufficient space for courses has been a problem for a number of years, according to Duncan, but it hasn't resulted in a limiting of the enrollment thus far.

Some of the other courses at the center during the sessions include: working with clay, using the wheel and handbuilding fiber crafts of batik, weaving, crocheting (even for left-handers!), macrame, and stitchery; two-dimensional art using paints, and stained glass; metal creations of jewelry; photography utilizing shooting and developing courses; wood craft involving carving, and the use of handtools, and building furniture; and a new course for the spring called "graphics for the non-professional".

Some of the events offered through the Crafts Center are funded by

diversity

community organizations such as the Ames Community Arts Council and the Cultural and Recreational Events Committee.

Duncan says she sees the objective of the crafts center as "exposing interested students to fine art and crafts in a relaxed and comfortable atmosphere." There is not a set curriculum in the center and she added that this draws away from pressure-oriented situation. The proper procedures in making and designing crafts is offered and she said, "whatever you want to get out of the class, you can."

—R. Whiton







Students favor late-night television

Tests, term papers, projects, reserved readings, help sessions, and more tests . . . what student could possibly have time for anything else, much less time to watch television?

According to a January journalism class survey, most Iowa State students can and dó take the time to watch television. When asked what their favorite programs were, students named "M*A*S*H," "Happy Days," "60 Minutes," "Saturday Night Live," and "The Tonight Show."

It's interesting to look at the similarities and differences between what Iowa State students chose as their favorites and what the national trends have indicated because the rating of TV shows has become a very crucial factor to the programming policies of the networks.

The television industry has become even more competetive this year than in years past. Low-rated programs that can't make the grade are soon cancelled. ABC-TV has consistently been on top for the past two years for the first time in its fifty year history. NBC and CBS, who used to be number one, have been only distant challenges.

ABC has remained on top with such comedy shows as "Happy Days," "Laverne and Shirley," "Three's Company," and "The Love Boat." The top shows on ABC were also the tops with children ages two to eleven. This has led critics to question "sophistication" of the ABC programming.

Programmer for NBC, Paul Klein was quoted ty *Time* magazine as saying, "ABC has unsophisticated viewers, kids and people who think like kids. I call 'em dummies."

Whether the ABC comedies are sophisticated or not, they had an incredible appeal. A large majority of "Happy Days" success is certainly due to the popularity of Henry Winkler as "Fonzie." For anyone who doesn't know who Fonzie is, he's the leather-jacketed, motorcycler who just has to snap his fingers and the "chicks" come running.

The other top show of the year was a spin-off of "Happy Days," entitled "Laverne and Shirley." Like "Happy Days," it is set in the fifties and revolved around the antics of Penny Marshall and Cindy Williams, a younger version of Lucy and Ethel. They work in a Milwaukee brewery in the day while dreaming of the day when their prince will come.

"Three's Company," was a slightly more daring comedy on ABC. In it, two female roommates take on a third roommate who just happens to be a man. To cover up the arrangement from their landlord, they make like he is a homosexual. This premise serves as the perfect setting for jokes and situations with "discreet" sexual overtones.

Perhaps the most surprising hit of the ABC comedy line-up was "The Love Boat." This sugary comedy concerned all the little "love" plots that go on during cruises on a luxury liner. Each week has a guest cast (usually stars of other ABC hit shows) and is separated into vignettes. The jokes are trite and old, the situations are obnoxious and how the show consistently remained in the top ten is a mystery.

ABC has also stayed on top with their dramatic series, mostly action-packed police or detective stories. "Starsky and Hutch" remained a favorite, and "Charlie's Angels" was still on top, with or without Farrah. Although Iowa State students did not mention any dramatic series among their favorites, walking past any guy's dorm den or fraternity den when "Charlie's Angles " was on might have proved differently.

Mary Tyler Moore left CBS this year and as she did so did CBS's reigning place in situation comedies. The student poll showed that "M*A*S*H," the comedy set in a medical hospital during the Korean War was the number one favorite of Iowa State students, and "M*A*S*H*" is high in the national ratings, but other CBS comedies are much lower on the rating scale.

"Rhoda" got her mother back this year, but dumped her husband, in hopes





entertainment



that she would be funnier single, and has remained respectably high in the ratings. "The Bob Newhart Show" also had fairly good ratings, with Newhart as the psychologist with a strange sense of humor and even stranger friends.

When Mary Tyler Moore went off the air, Lou Grant lost his job at WJM, but found a new job as the city editor of a Los Angeles newspaper. The show is drama instead of comedy and although started out slow in the ratings, against strong competition on ABC, began to hold its own at the end of the season.

Over on NBC, few of their prime-time programs have made a substantial impact on the ratings game. The only program to continuously penetrate ABC's hold on the top ten was "Little House on the Prarie."

NBC rated two programs in the Iowa State student's top five however, both late-night entries. "The Tonight Show" starring Johnny Carson, seen on weeknights and "Saturday Night Live," on Saturday nights were those cited by students. "Saturday Night Live" was a special favorite among students. Starring the "Not Ready for Prime Time Players," and featuring such guest hosts as Steve Martin or Lily Tomlin, the show took sometimes zany, sometimes off-beat and oftentimes tasteless but hilarious looks at the world. From the Coneheads to Weekend Update with Emily "nevermind" Letilla, "Saturday Night Live" provided students with a "different" way to spend a Saturday night.

"60 Minutes," a CBS news magazine-type program also rated high on the list of student's favorites. The show takes an inside look at events and people in politics or entertainment in a probing and interesting way. The program does say something for the quality of student's program choices when a news-based program can rate this highly as a favorite.

The 1978 season also continued the trend in a mini-series and special programming. Mini-series were done on novels, such as "Aspen" or Harold Robbins "79 Park Avenue," and also on historical events such as the assasinations of JFK and the story of Martin Luther King's life.

ABC tried to once again cause a "Roots" phenomena as they did last year with this year's "Washington: Behind Closed Doors." This entry, which led off the 78 season was a thinly camouflaged account of the Watergate scandel.

"Washington: Behind Closed Doors," was not a particular success. In fact, the general trend of television viewing has gone down. The two rating services, Nielson and Arbitron, show that for the first time in history, television viewing is declining.

The decline in viewing may not mean that something devastating is happening, but it is interesting. It could be that the novelty of TV is wearing off.

But perhaps it proves that the networks are not giving the public what it really wants. Almost all of the new programs offered by the networks have been hastily cancelled because of low ratings. Low ratings means less advertising revenue and serious trouble for the networks.

Whether Iowa State students are watching more or less television overall is unknown. The fact is that television is a very important part of the student's entertainment. It's cheap, usually easily avalable, requires no special clothing or equipment, and kills just a little more time that could be spent on those papers and projects and readings and . . .

—G. Kuhr



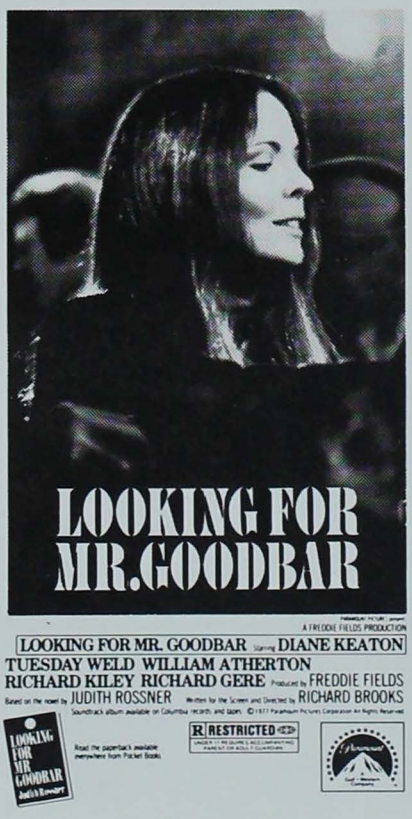
MOVIES

Like television, movies were a major part of what Iowa State students did for entertainment, and for good reason. By what other means could you experience the arrival of beings from other planets, the appearance of God to a supermarket manager or the space victory of Luke Skywalker over Darth Vader?

These situations were just some of the varied subjects dealt with in films of 1978. All in all, it was a year of imagination and creativity in not only the science-fiction movies but also in the comedies and dramas.

Without a doubt, the movie to generate the most excitement of the year was George Lucas' "Star Wars." The question became not if you had or hadn't seen it, but how many times you had seen it.

"Star Wars" started out as rather an obscure film. It had little pre-publicity and a cast of relatively unknowns. But it wasn't long before this movie took off and became the media hit of the year.



At the core, it was a typical "good guys versus bad guys" movie. What made it so appealing was that it was a "fun" movie. It was very easy to become totally involved with the plot and action as Luke Skywalker and Han Solo battle to save Princess Leia and her planet. The visual effects were astounding and imaginative and made "Star Wars" a joy to experience.

Two of the most popular characters of "Star Wars" were robots, Artoo-Detoo, a midget-sized computer who spoke only a high-pitched electronic squeak, and See-Threepio, a shiny golden man-like computer who at heart was a lovable coward. Characters abounded in the "bar scene" when some of the most imaginative and bizarre characters of all time were joined together.

Fans of "Star Wars" were expecting a movie on the same order in "Close Encounters of the Third Kind." "Encounters" chronicled director Steven Spielbeg's vision of man's first encounter with beings from another planet.

The movie starred Richard Dreyfuss, Teri Garr, Francois Truffaut, and a host of special effects that climaxed with the landing of the alien mother ship at Devil's Tower, Wyoming.

Critics applauded these final awe-inspiring scenes as being among the best in film but generally criticized the movie's long, drawn-out plot. Reactions to the film among ISU students varied from extreme praise to disappointment that the film was not all it had been promoted to be.

There were two comedies of the year that were popular with students, "Annie Hall" and "The Good-bye Girl." "The Good-bye Girl" was written by Neil Simon and many hailed it his best comedy to date.

"The Good-bye Girl" starred Richard Dreyfuss, Marsha Mason and newcomer Quinn Cummings as Mason's daughter. The movie is an old-fashioned romantic comedy that is simply charming. The comedy revolved around what happened when Dreyfuss moved in with Mason and her daughter. It related the sometimes touching and oftentimes hilarious circumstances that occurred on their way to falling in love.

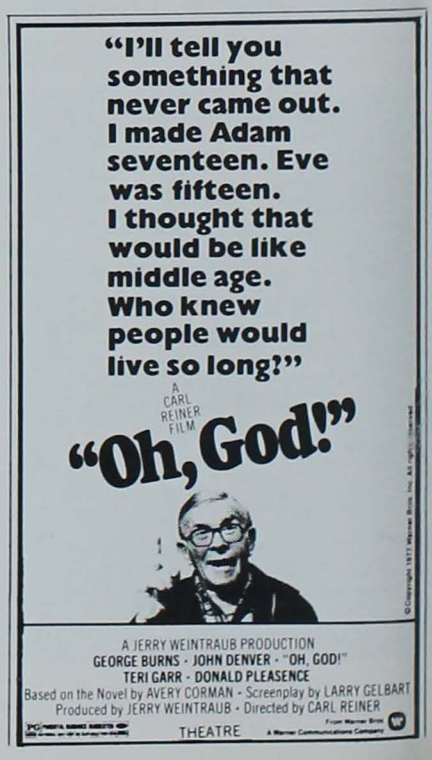
"Annie Hall," which was billed as "a nervous romance," was another comedy hit of the year. Starring Woody Allen and Diane Keaton, it was an auto-biography of their lives together and their break-up.

Allen played himself, a bumbling, self-conscious and insecure comic. Keaton also played herself, a clumsy, hesitant and insecure young woman who was on her way to becoming a star. The movie was, of course, written and directed by Allen and pehaps this was what made it so endearing.

The movie was funny, but yet sad and touching because it was so convincingly accurate to what it is like to be in love and lose.

Diane Keaton also starred in another hit of the year, "Looking for Mr. Goodbar." In the same style that made Keaton so irresistible in "Annie Hall" made her equally magnificent in "Goodbar" as Theresa Dunn, the school teacher by day and "pick-up" of singles' bars.

"Goodbar" was a tragic and intense movie with several complicated underlying themes. The ending was brutal and terrifying, and left one with an almost "sick" feeling inside.



In fact, the movie set off a storm of letters to the *Daily* criticizing the movie as "trash." But whatever the individual reactions were, it was not a movie that could be overlooked.

"Goodbar" was only one of the 1978 movies that started a trend for more and better parts of women. Two others were "The Turning Point" and "Julia."

"The Turning Point," was an excellent movie mostly due to the acting abilities of Anne Bancroft and Shirley MacLaine. It dealt with the question of marriage versus career. Bancroft opted for a ballet career while MacLaine gave up her ballet career and chose marriage. The movie took place several years later, when MacLaine's daughter was faced with the same decision.

"Julia" also starred two outstanding actresses, Jane Fonda and Vanessa Redgrave. The movie was set during World War II and concerned the friendship of two women, one in Nazi Germany. Both movies should be major competitors in the Oscar race.

All popular movies did not center on women, however. Burt Reynolds' movies were still a big favorite among students. Burt has gained popularity by playing essentially the same "type" of character in his many roles, the smart-alec.

In "Semi-Tough," pro-football is the setting and in "Smokey and the Bandit" trucking and CB radios create the comdey.



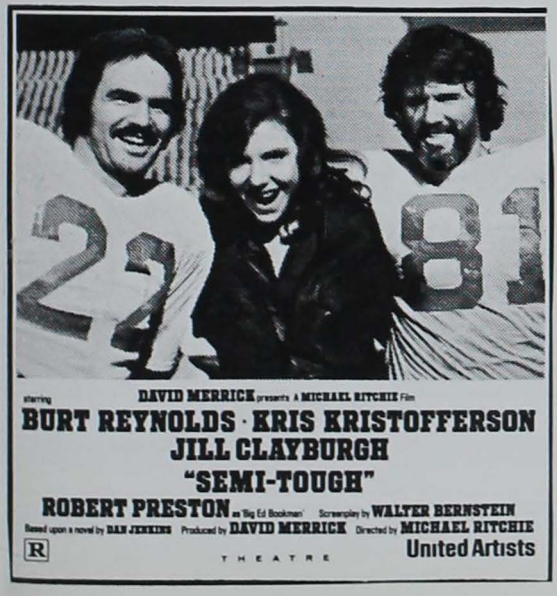
Other favorites in comedy were Carl Reiner's "Oh God!" and Mel Brooks' "High Anxiety." "Oh God!" was an enchanting theme of what would happen if God (the big G) came to earth to spread the message that he was still with us.

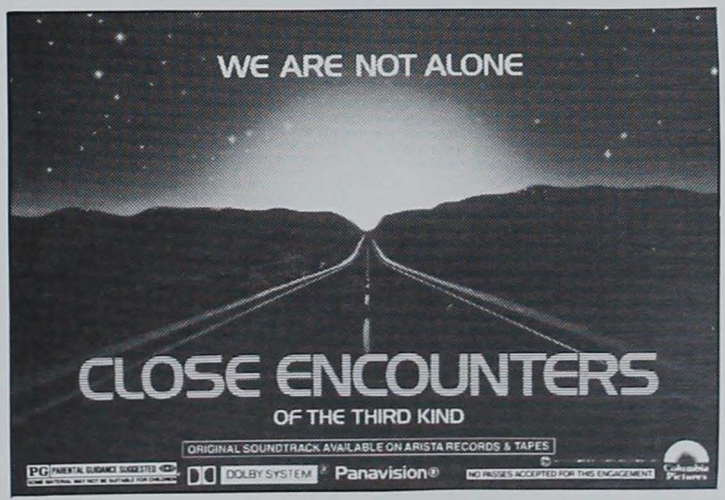
What made this movie hilarious was that God was portrayed by George Burns. Burns stole the movie just by being himself. The movie gave a good feeling and positive attitude to a highly irregular movie subject.

What Mel Brooks did to the Western in "Blazing Saddles," he has now done to Hitchcock movies in "High Anxiety." Brooks starred in the movie, along with a usually cast of zanies.

"Saturday Night Fever," the movie industrys portrayal of disco-dancing, starred John Travolta, and although had lots of flash, fizzeled out in the plot.

—G. Kuhrt





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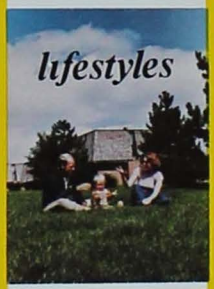
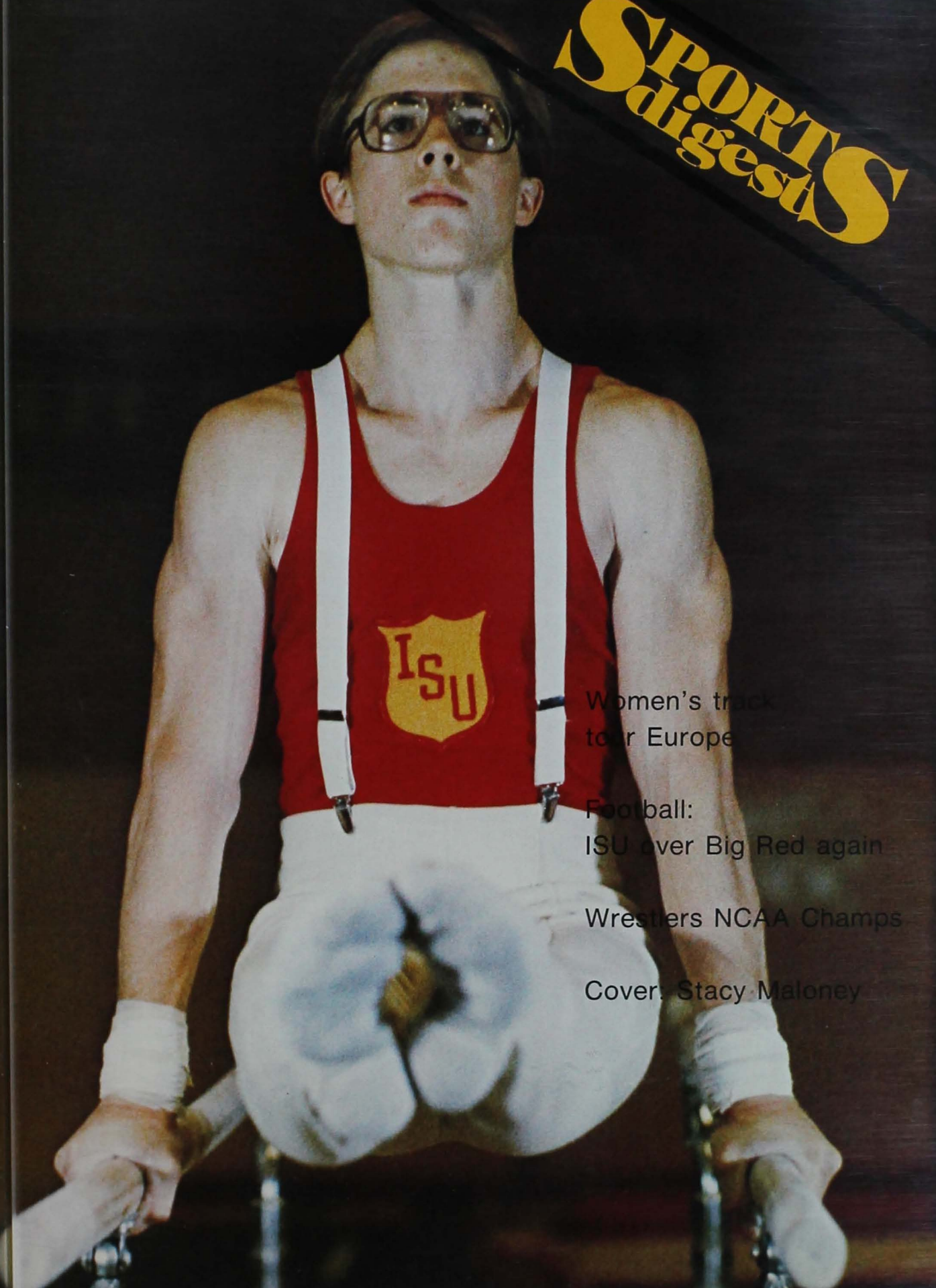




CAPTURE THE INSIDE STORY

SPORTS digest



Women's track tour Europe

Football:
ISU over Big Red again

Wrestlers NCAA Champs

Cover: Stacy Maloney

The Inside Story . . .

SPORTS digest

I wandered into the Bomb office last spring hoping to work as a copywriter. I was editor of my high school yearbook. I later found out that "everyone" in the office had been editors of their high school yearbooks. My interest in writing had been spurred by the editors' position in high school. I was looking for nothing big, just a few assignments to cover and write about. After a five minute "interview" with Anne, I found myself co-sports editor. When I returned in the fall, I was surprised to see another name on the bulletin board next to mine, Kerry Gibson . . .

My story sounds very similar to yours, Trudi. I too applied to work for the Bomb last spring. I intended to work as a photographer and copywriter. I came out of the interview as "assistant editor" which was later changed to men's sports editor. Talking with Trudi later, I found out that Anne had told her too that the job was "easy." Anne was the sports editor last year and since there are two of us to split the work . . . We both owe her one!

We had quite a job ahead of us. We each had to cover our respective sports: tennis, golf, track, cross-country, basketball, gymnastics, swimming, football, wrestling, softball, baseball plus share the jobs of covering the sport clubs, intramurals, choosing a cover picture, writing features and the list goes on.

We decided to divide the sport section in the three seasons that make up the sport year. Out first is spring, followed by fall and winter. Sounds backward, right? Well, last year's spring occurred too late to get into the '77 BOMB. So, we are including it first in this year's book.

After this basic arrangement of the section was decided upon, we had the fight for the pages. The men got more pages (typical), but the women got to go first (again typical). We also divided up the color and spot color pages. Overall things went smoothly. (We really didn't "fight" over the pages, it was more of a bargaining session.)

Then came the time to choose our cover. What started out as a simple choice between two pictures became a dispute (a friendly dispute though) which grew to involve the whole office. The photography staff finally convinced the opposition that the cover shot we used was better on a technical basis.

Sports are a big deal here at Iowa State. Tell us that it isn't so when we see students sitting outside the gates of the stadium at eight o'clock in the morning so they can make the mad dash for the prime seats when the gates open. Or when students will sit in line for a tennis court or stand in line at seven o'clock in the morning to sign up for a racketball court. Students run at all hours of the day and night. At five o'clock the indoor track resembles rush hour, with runners bumper to bumper.

In addition to the sport teams, we have included features on the new coaches at Iowa State, the women's track trip to Europe and our cover celebrity, Stacy Maloney.

We worked to capture the inside story, so you could get a better idea of what the year was like in sports. We really enjoyed working together on BOMB 78 and hope that *Sports Digest* reflects this enthusiasm.

-Trudi Rebsamen and Kerry Gibson
Sports Digest Co-Editors

Trudi Rebsamen

Kerry Gibson







SPORTS digests

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Co-Editors: Kerry Gibson, Trudi Rebsamen. Cover photography: Jim Percival. Bomb 1978: All rights reserved. Publication in part or full prohibited. Office: 128 Pres Iowa State University, Ames, Iowa 50011.

A student's guide to



Although gymnastics is limited only by the imagination of the coach and the skill and daring of the performer, there are some basic positions that underly all the routines. By knowing these, the novice spectator can pull apart complex sequences for a better understanding of what's happening. There are seven basic positions:

1. *Pike*-hips flexed, chest and upper thighs close together legs straight and hands grasping behind the legs just below the knees.

2. *Layout*-body fully extended, slightly arched, arms out to the side.

3. *Archout*-back hyperextended and arched, chest forward, arms extended to the sides.

4. *Tuck*-hips and knees bent up close to chest, arms hugging or holding legs, head can be tilted forward or backward.

5. *Twist*-fill or partial rotation on a longitudinal axis.

6. *Somersault*-rotation on a latitudinal axis.

7. *Handstand* and its variations.







Women compete in vaulting, uneven parallel bars, free exercise and balance beam. Men compete in free exercise, pommel horse, horizontal bar, parallel bars, rings, vaulting and all around. All around competes in all six events and the man with the highest total score wins. In a dual meet, each team is limited to three performers in each event, including the all around men. Five places are scored for the team: 1st- 6 points, 2nd-4 points, 3rd-3 points, 4th-2 points, and 5th-1 point. In championship meets, team points are awarded to the top ten places; 1st-11 points, 2nd-9 points, etc, through 1 point for 10th place.

Individuals are judged on a 0-10 point scale. There are four judges each giving the performer a score. The top and bottom scores are then discarded and the middle two are averaged for the final score.

Deductions are made from the perfect 10.00 score based on 5 points for execution, 3.4 points for difficulty, and 1.6 for combination. A good routine is precise, direct and has a maximum range of motions or amplitude. Common

gymnastics

deductions include poor posture, inappropriate positioning of arms or legs, pauses, stumbles, falls, ring swing, inflexibility, lack of rhythm, body-apparatus contact other than necessary. Here's three examples of what to look for at the meets:

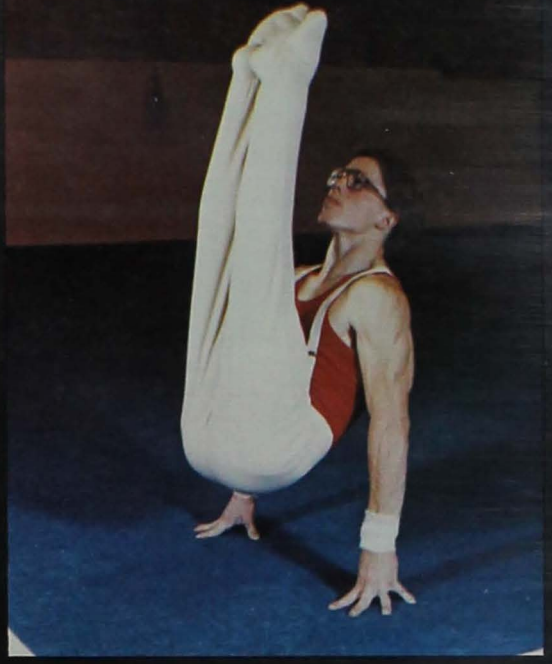
Vaulting: three basic ways to get over; handstands, horizontals, and vaults with somersaults and twists; watch the post flight for height and distance from the horse; landing is crucial; it must be stable and held for 1-2 seconds.

Bars: good swing action, passing hands between the bars, good body posture during suspensions, smooth motion, momentum, difficult movements and sensational dismounts.

Floor or Free Excercise: strength, poise, harmonious and rhythmic movements, flexibility, relaxation and alternating elements of balance and direction shifts, strength and suppleness.



Stories by Pam Levitt



Freshmen don't win Big Eight titles and they rarely place nationally. But, Stacey Maloney, I Ad-2, did both. Maloney was chosen for the Sports Digest cover because of his exceptional performance as a freshman. He won the Big Eight Parallel Bars title, ranked 11th in national all around competition and was named ISU's Outstanding Freshman Gymnast.

"There's no doubt that he's talented," said Coach Ed Gagnier. But, it doesn't come easy to Maloney. According to Gagnier, he's the first one to get to practice and the last one to leave.

Gagnier said that Maloney is an asset to the ISU squad; his scoring power has helped the team tremendously. His average combined score for the '77 season was 8.36 for the six events the all-around performer competes in.

Aside from his scoring capability Maloney also lends an air of international competition, said Gagnier, "His European style is much admired in the U.S." International style emphasizes holding the body in straight rather than arched positions.

As an all-around performer, Maloney competes in six events-floor exercise, vaulting, rings, parallel bars, pommel horse and high bar.

"It's important for an all-round to budget his time; to get in practice on each piece of apparatus each day," said Maloney. Maloney said that he stresses his performance in three or four events each day. He puts in extra long hours to prepare for a meet.

"At first, I work long and hard. Toward the end, I work more for qualitiative practices until the last one, which is always light," said Maloney.

Maloney has set his immediate goals to be a national championship for the ISU team and a trip to the World Games in the summer of 1978. Ultimately, he'd like to compete in the 1980 Olympics.

"My purpose is to be the best I can and to use the ISU program to get international status. At the same time, I try to put in my best to help the team as much as possible to win the nationals." said Maloney.

SPORTS digest UPDATE

Iowa State regained the NCAA wrestling crown and brought coach Harold Nichols his fifth championship team in nine years.

Leading the team of six All-Americans was Frank Santana who finished first in the 190 pound division. Santana defeated Evan Johnson 12-7 and got revenge for his loss to Johnson in the finals the year before.

The other Cyclone All-Americans were Kelly Ward (158) and Joe Zuspann (150) in second; Mike Land (126), third; Johnnie Jones (118), fourth; and Dave Powell (177) fifth. In the team standings Oklahoma State was third with 88.5 points and Iowa was third with 84 points.





In gymnastics ....

Doug Wood won his second consecutive NCAA rings championship to cap his college career. Wood was also the Big Eight rings champion. Last year he finished second behind teammate Keith Heaver, the defending NCAA champion, but the two switched places at the NCAA meet.

Other Big Eight Champions this year were Stacy Maloney on the parallel bars and Mark Trippel in vaulting. Trippel finished third in the vaulting competition at the NCAA.

In women's gymnastics senior Margie Hudelson won her second Big Eight all-around title. As a sophomore, Hudelson won every event and she won all but the balance beam this year. She finished her career with a fifth in the regional vaulting competition.

(Top) Frank Santana receiving congratulations after title match. (Above) NCAA Rings Champ Doug Wood. Santana Photo by **Deb Kruse.**

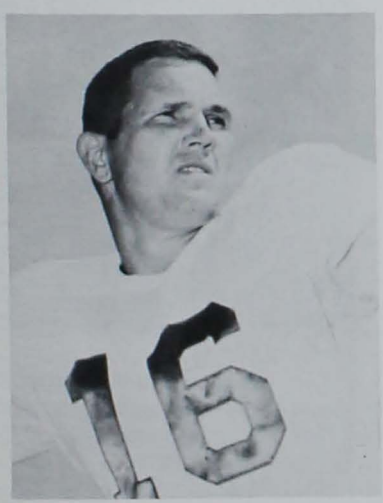
SPORTS digest QUIZ

1. Which distance runner retired the Glenn Cunningham trophy?
a. Jeff Meyers
b. Bill Arlen
c. Dennis McGuire

2. What ISU track coach won 5 consecutive conference championships?
a. George Bretnall
b. Bob Lawson
c. Burl Berry

3. Who was ISU's first All-American football player?
a. Tom Vaughn
b. Ed Bock
c. Polly Wallace

4. What ISU football team was known as the Dirty 30?
a. 59 squad
b. 23 squad
c. 64 squad

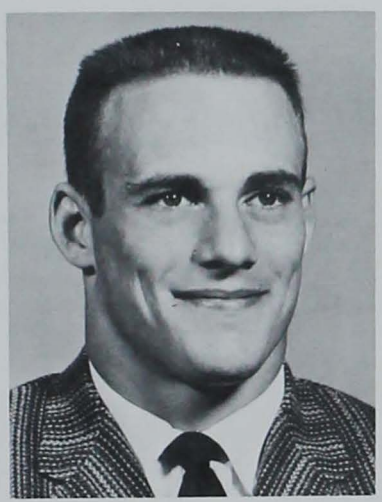


DWIGHT NICHOLS

5. What post season football bowls (2) have had Cyclone teams?
a. Rose
b. Sun
c. Liberty
d. Orange

6. What gymnast won 3 NCAA championships?
a. Rusty Hoffman
b. Doug Wood
c. Keith Heaver

7. What basketball coach has coached the most conference champions?
a. Louis Menze
b. Bill Chamber
c. Bill Strannigan

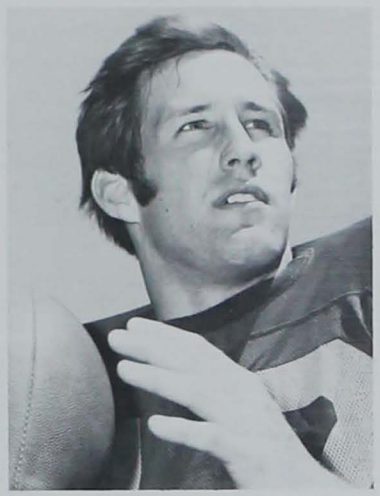


PETE GOESSER

8. What Cyclone football player holds the record for the most rushing *and* passing yards in one season?
a. George Amundson
b. Pete Goesser
c. Dwight Nichols

9. What swimming coach won more championships than any other man in Big Eight history?
a. Charles McCaffree
b. Jack McGuire
c. Jake Daubert

10. Who was the biggest man to ever win a national wrestling title?
a. Chris Taylor



GEORGE AMUNDSON

b. Johnny Jones
c. Hugh Linn

11. When were the first scholarships awarded for women athletes at ISU?
a. 62-63 school year
b. 75-76 school year
c. 58-59 school year

12. Who was the last ISU golfer to win a conference championship?
a. Bob Lee
b. Dan Molyneaux
c. Dick Stuntz

13. Which sport suffered its first loss to any Iowa college or university in 1977?
a. Women's tennis
b. Men's basketball
c. Women's track

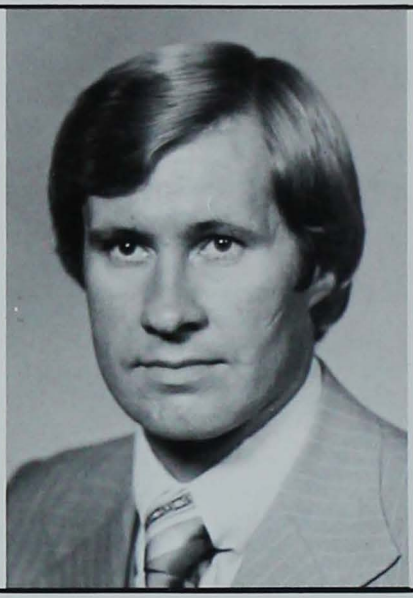
14. Who was the ISU coach to direct two Big Eight championship teams as a pinch-hitting coach?
*a.*Bob Lampson
b. Hugo Otopalik
c. Jack McGuire

15. Which member of the Cyclone track team is a sports editor for the '78 Bomb?
a. Scott Hale
b. Trudi Rebsamen
c. Deb Vetter

Answers
1-b, 2-a, 3-b, 4-a, 5-b and c, 6-a, 7-a, 8-a, 9-b, 10-a, 11-b, 12-b, 13-a, 14-c, 15-b.

New Coaches Face the Challenge

Rick Samuels, assistant basketball coach, hails from Laramie, Wyoming. He attended University High School where he contributed to two state championships and a runner-up finish. Samuels then traveled east to Chadron, Nebraska, where he played varsity basketball and earned his physical education and coaching degree. Samuels returned to Chadron High School after graduation and coached for two years. Samuels wanted to coach on the major college level and felt the need for the type of experience Iowa State had to offer. Lynn Nance, contacted Samuels while he was coaching at Eastern Washington University. He came to ISU last year as a graduate assistant and moved into the full time assistant coaching position this season.



David Triplett, native - Iowan, coached the offensive tackles and tight-ends during the fall football season. Triplett came to Iowa State after four years of winning high school football seasons. Triplett prepped at Dowling High School in Des Moines, and then attended the University of Iowa. While playing football, Triplett double majored in history and political science. Triplett decided against law school in order to pursue his coaching interests. Triplett coached at Davenport Assumption for two years and then went to Heelan High School in Souix City. At Heelan, Triplett guided the team to a 10-1 season and a state championship. The following year they were ousted in the semi-finals, finishing with a 9-1 record. Looking for a college



Bob Bottger, the new women's swimming and diving coach, came to Iowa State from a successful coaching term at the junior college level. Bottger coached both the men's and women's swim teams at St. Louis Community College at Florissant Valley. During his seven years of coaching he earned a 52-17-3 record and guided four women to All-American honors. In 1977, Bottger was selected National Junior College Athletic Association (NJCAA) coach of the year. He was also selected as alternate assistant coach of the United State swim team for the 1977 World University Games. Why would Bottger leave such a successful program? "I felt like I'd brought the program as far as I could down there and wanted a different challenge," Bottger said. "I found one!"

Forty women expressed interest in the team early in the season but the numbers dwindled until only nine swimmers and one diver remained. "I had to decide early if I should compromise my coaching philosophy or run the program the way it should be done," Bottger said. "Not too many wanted to sacrifice that much, so they quit." Establishing strong team and individual pride was the number one goal of the season, according to Bottger. "It is easy for kids to quit when they're losing because everyone likes to win," Bottger said. The ten-member team however, broke half of the school records and each swimmer established a personal life-time best in more than one event. "I feel good about the foundation of the program here at Iowa State," Bottger said. "The team needed time to get adjusted to me and me to them, before they really got going."



Texan Richard Quick took over the head swimming coach position this year, after the retirement of 36 year coach Jack McGuire. New to the Midwest, but not to a successful swimming program, Quick inherited the current Big Eight Champions. Quick attended Southern Methodist Universi-



football coaching position, a solid program and Iowa based, Coach Triplett came to Iowa State.

ty in Dallas, Texas, where he swam the 400 and 200 individual medley and the 200 butterfly. Under the watchful eye of coach Red Barr, Quick earned All-American honors three times. After graduation, Quick coached the swim team at Springbranch Memorial High School in Houston. In his six years at the helm, the team won six state championships. Quick returned to SMU in 1971 as assistant coach. In his next six years at SMU, the team won the Southwestern Conference six times and the NCAA five.

Quick's interests in coaching were spurred by Bob Timmons, Kansas track coach and former coach of Olympian Jim Ryan. "Timmons taught me how to run a team and work with the kids," Quick said. But, Red Barr influenced his coaching philosophy. "He had a tremendous touch with people and if I have any of that ability to communicate with people, I owe it all to him."

Lu Gecewicz, the new women's softball coach, came to ISU in response to an ad she read in a teaching magazine. "I'm always game for a challenge," Gecewicz said in justification for her westward trek. A Middletown, Connecticut native, Gecewicz was twenty-one before she enrolled at Central Connecticut State College. One of eight children, Gecewicz worked as a medical secretary for three years before attending college. At Central Connecticut, she played all sports, except for softball, which she helped coach. Gecewicz didn't even play softball in high school, her school didn't have a team. But, she played a lot of sandlot ball "with the boys." Gecewicz continued her interests in the game during college by playing in a local recreational league. After graduation, Gecewicz coached on both the high school and college levels. A member of the Women's Professional Softball League, she played for the Raybestos Brakettes, world and national champions in 1974-'75 and is currently on



the roster of the Connecticut Falcons, who won the World Championships in 1976-'77. Her reaction to the Midwest? "I hate the weather, but I love what I am doing," Gecewicz said.

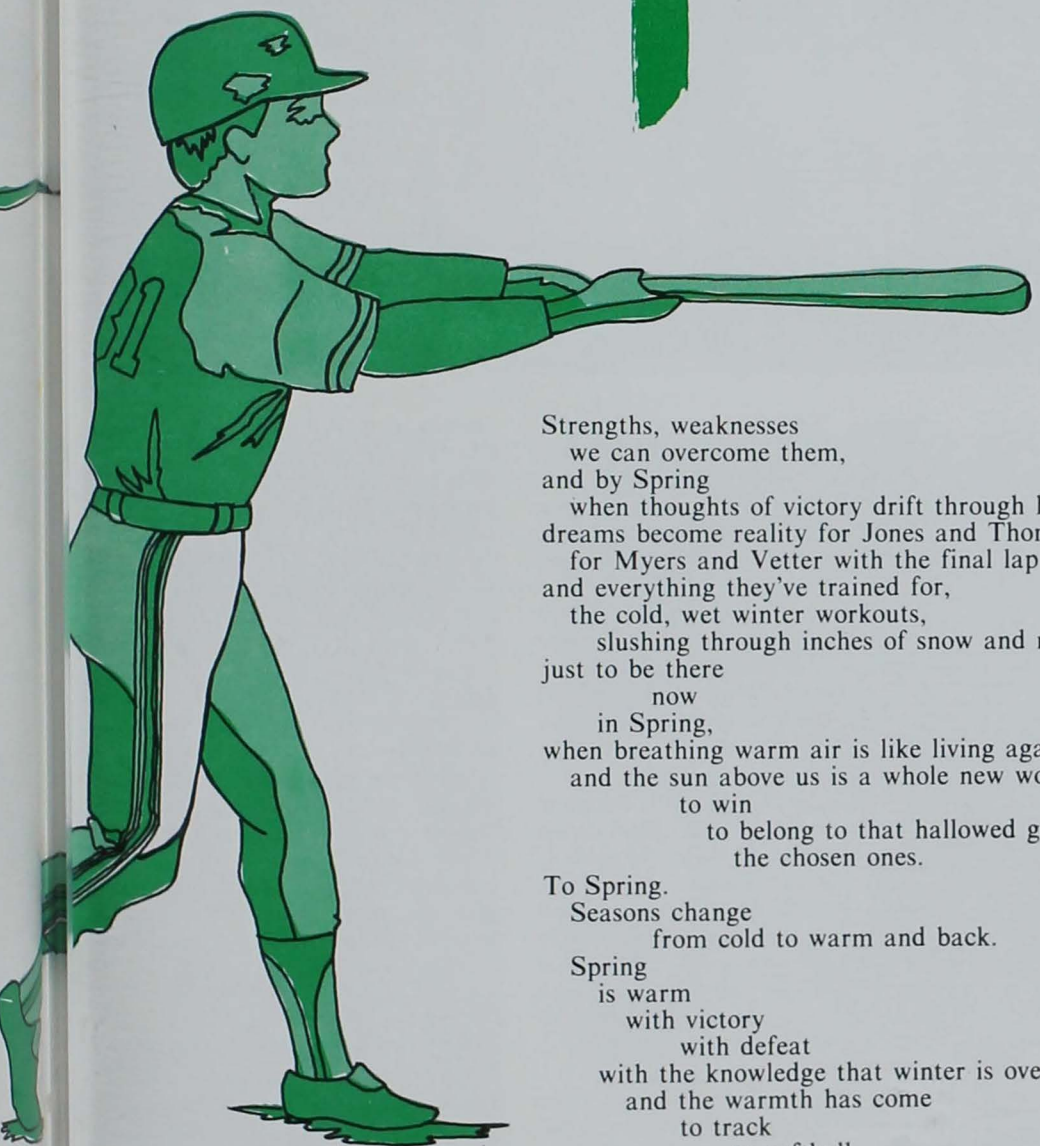
Bill Nix came to Iowa State because his wife, Marti, was hired to the physical education faculty and to finish his graduate study work. Deep-rooted interests in women's track and field led Nix to inquire to Chris Murray, women's track coach, as to his need for an assistant. Working on his own, Murray agreed to the proposal and Nix became a regular on the track infield. The intensity of his activities have since mushroomed. Murray now considers Nix a co-coach and not an assistant. Each coach directs the workouts of half the team. While Murray considers Nix co-coach, the university does not. Nix is unpaid and devotes his time and efforts on a strictly voluntary basis between his graduate courses.

Nix attended Western Michigan University, played football for four years and earned his degree in P.E. and coaching. After graduation, Nix taught and coached for eight years at three different Michigan high schools. In his eight years of coaching track, he lost only seven meets, five of which were in his first year of coaching. Nix moved to Eastern Michigan University where he coached Hasely Crawford. Crawford, in addition to several individual NCAA championships, was the 1976 Olympic 100 meter champion. Nix also coached international 400 meter competitor, Stan Vinson and 1976 Olympic hurdler, Debbie LaPlante. Nix has only praise for the ISU women's track and field program. "It is one of the best, if not the best in the country," Nix said.




Iowa State

Spring



Strengths, weaknesses
we can overcome them,
and by Spring
when thoughts of victory drift through half-open windows
dreams become reality for Jones and Thompson with first home runs,
for Myers and Vetter with the final lap in the winning race;
and everything they've trained for,
the cold, wet winter workouts,
slushing through inches of snow and mud
just to be there
now
in Spring,
when breathing warm air is like living again
and the sun above us is a whole new world of wanting
to win
to belong to that hallowed group------
the chosen ones.
To Spring.
Seasons change
from cold to warm and back.
Spring
is warm
with victory
with defeat
with the knowledge that winter is over
and the warmth has come
to track
to softball
to baseball
to this season of sports
To Spring ...

Beth Jasper

Adidas factory and Swiss mountains highlight women's track tour

Swiss Mountains, English hosts, Adidas factories and lasting friendships were just a few of the numerous experiences collected during the women's European track tour.

Chris Murray, women's track coach, organized the trip which included his wife and son, 2 chaperones and 22 athletes from several Big Eight schools. Seven members of the ISU women's track team made the trip. "I would have liked to take the whole team, but the cost limited it to those athletes who could come up with the necessary money," Murray explained. The group competed in six meets and visited seven countries during their month stay. Although designed to combine athletic competition with sight-seeing, "the things we did were because of our track interests," Barb MacLeod, ISU track team member said.

The group left Chicago, July 15th enroute to London, England. While in England the group stayed with English families. "We learned something about the English life style and made close friendships with our hosts," Murray said. "I've already exchanged two letters with my host family since the summer," Murray said.

After four days in England, the group crossed the English Channel and toured the mainland. They visited Belgium, West Germany and Switzerland. In Munich, the group competed in the 1972 Olympic stadium. The majority of the meets were All-Comers meets, where anyone was able to compete who wanted to. "I was surprised at the number of really good athletes who showed up at these meets, nothing like in the United States," MacLeod said. "The meets were more fun than hard work. We did not practice hard during our stay, but we did run everyday," Mary Whitmore, team member said. "Mostly we competed in events other than our specialties."

The athletic system in Europe is different than in the U.S. There are no school programs or teams. All athletes compete for sports clubs in their home town. "The Europeans have superb recreation facilities, much better than in the U.S.," Whitmore said. "I think it is because they have a lot more leisure time than we do and take advantage of it by participating in some sort of physical activity."

The athletes learned not only the athletic set up of the foreign countries but what they thought of Americans. "In Germany, restaurants would dump ketchup all over everything they served us, they thought that since we were Americans we loved ketchup on everything," MacLeod said. The Europeans seemed to know very little about the geography of the United States. "We had to explain everything in relation to either Chicago or New York," MacLeod said.

Several times the group was treated as celebrities. "In Scotland and Switzerland little children wanted our autographs because we were Yankee's," MacLeod explained. "We really got a kick out of that."

In France the group had the opportunity to visit the Strassbourg Adidas Shoe factory. "We were treated royaly," Murray said. They gave the group a tour of the plant, a lavish buffet dinner and the chance to purchase any equipment they wanted at a 50 percent discount. Most team members took advantage of this savings and stocked up on shoes, warm-up suits, shorts, t-shirts and bags.

Lasting friendships were formed not only with European athletes and families, but between members of the team. "It was really neat getting to know girls in your conference," MacLeod said. "It was a great experience and I think I'll go back ... someday," Murray said.

"Do I want to go back? Sure I do," MacLeod laughed. "Do you want to pay my way?

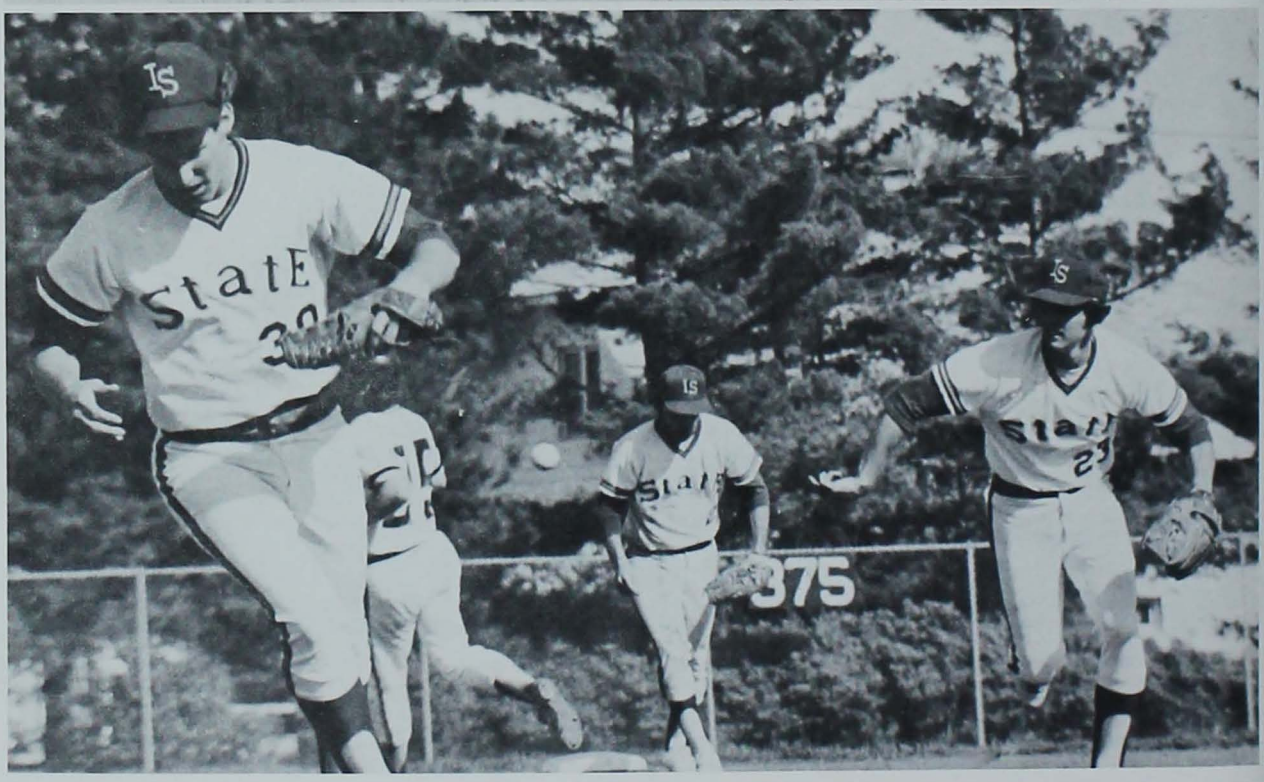






(Left) Mary Whitmore tries on one of her new pairs of track shoes she bought in Europe. (Above) Members of the ISU women's track team who toured Europe last summer. Front row: Jeanne Flynn, Sue Deppe, Carrie Pusch, Marjean Nielsen. Back row: Coach Murray, Bridget Seip, Barb MacLeod.
Bob Stenberg
(Right) Team members Carrie Pusch and Sue Deppe laugh when they remember their bus breakdown in Paris, France.
Bob Stenberg


23
3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Cyclones show defense as first baseman Al Benson and second baseman Jon Juhlin run down an Iowa Oaks player. Pitcher Greg Foell was in for the assist as the out retired the side. **Photography by Ames Tribune**

Hitting spree brings third place

Kerry Gibson

The ISU batsmen had an up and down season as indicated by their 21-27 record. The season started in March with a tour of Missouri, Arkansas, Kansas and Oklahoma. The Cyclones posted a 6-11 record for the tour, before their home opener against Minnesota. Minnesota took three of the four games.

The team was 11-17 as they faced defending Big Eight Champ, Missouri in a do or die situation for a post season playoff berth. Missouri took three of the four game series and all but knocked the Cyclones out of contention for a post season tournament. Coach Clair Rierson said that the Cyclones felt pressured at having to win to stay in the playoffs. Rierson said, "The difference was playing when you have to win and when you want to win." The Cyclones finished last in the Big Eight.

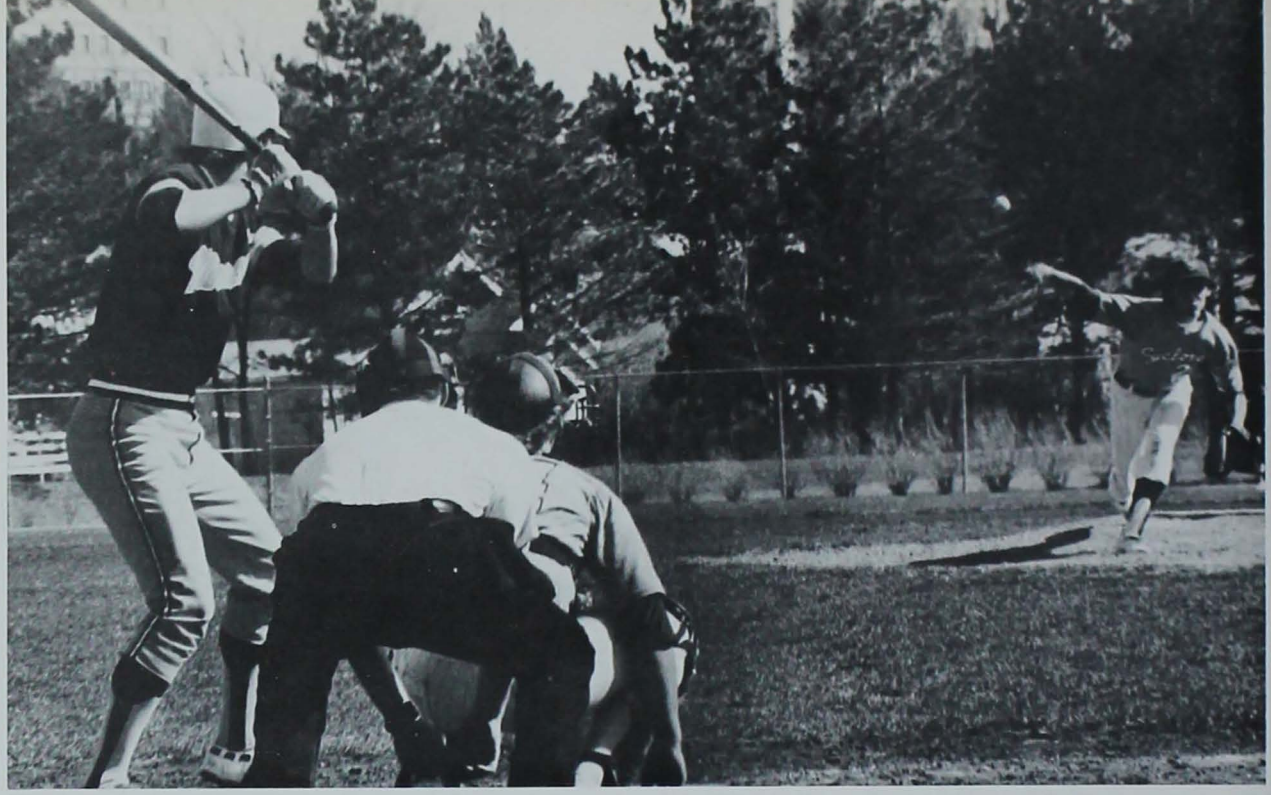
A high point in the Cyclone's season was hitting exhibition that brought them a third place finish in the Colorado Invitational. The team scored 45 runs in the five games of the tourney. Two of their wins were shutouts thrown by Gary Loes, against Wayne State and by Scott DeGeest against Denver.

The Cyclones were plagued throughout the season by a failure to combine good pitching with good hitting. The pitching department was the weak point as only one hurler, freshman Kevin Schultz was under 3.00 with a 2.53 ERA. Gary Loes was next with a 3.78 ERA. The team finished with an earned run average of 4.96.

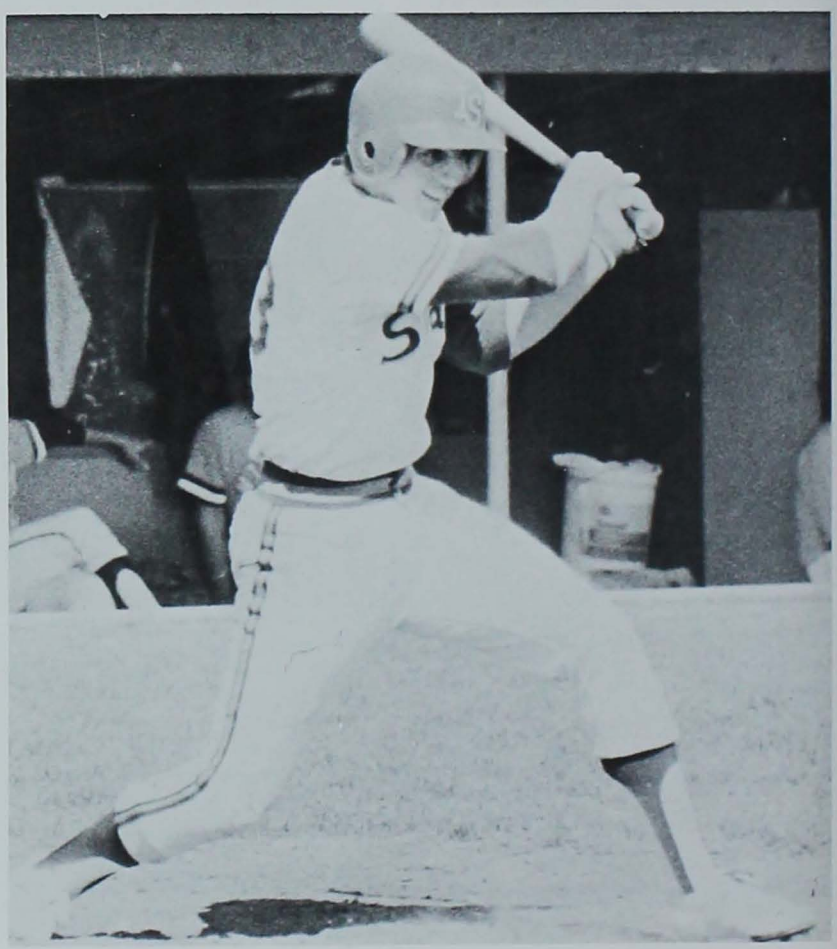
The hitting was led by senior rightfielder Charlie Weber with a .341 and junior centerfielder Chris Jones with a .338. The two tied for the most times at bat with 135. Jones edged Weber for the RBI crown 35 to 33. Jeff Truninger, a mid-season addition to the line-up at second base, was high for the team with a .371 batting average. The only other Cyclone to break the .300 mark was Greg Foell at .354. Truninger and Foell came to the plate only half as many times as Weber and Jones. The team finished with a .283 batting average, well behind last year's record .295.

The team lost six seniors. Those seniors were Weber, catcher Barry Barritt, third baseman Larry Lucchesi and pitchers Scott Degeest, Brian Seeger and Terry Flattery.

Weber was voted the team's most valuable hitter. Chris Jones was voted by the team as the top fielder and freshman Johnny Crivaro was named the most valuable rookie after taking over as starting shortstop early in the season. Team manager Reed Nordyke was recipient of the annual Cap Timm Award which is presented to the individual who contributes the most to the baseball program both on and off the field.



"The difference is playing when you have to win ....





... and playing when you want to win.''
Clair Rierson

(upper left) Pitcher Curt Kaufman hurls a sinker to a Minnesota opponent. (left) Jon Juhlin connected on a Missouri pitch. (right) A close up of Kaufman in action. (above) Pitcher Gary Loes winding up against Missouri.
Photography by Ames Tribune



Veteran squad places second in Big Eight

The ISU women's softball team placed second in the Big Eight softball tournament held in Lincoln, Nebraska. The Cyclones were defending champions, however; playing four games in one day took its toll on the ISU team.

Rain-hampered, the Cyclones won their first game against Oklahoma State, 5-2. They then were handed a defeat by Kansas, the eventual tournament winners, 2-1. Iowa State advanced to the semi-finals of the double elimination tournament, where they beat Missouri, 6-3 in extra innings. Mary Jo Collins and Pat Hodgeson hit home runs in the eighth inning to clinch the win. Their victory over Missouri paired them up with Kansas a second time for the championship game. The Cyclones, playing in their fourth game of the day, lost to Kansas, 6-1.

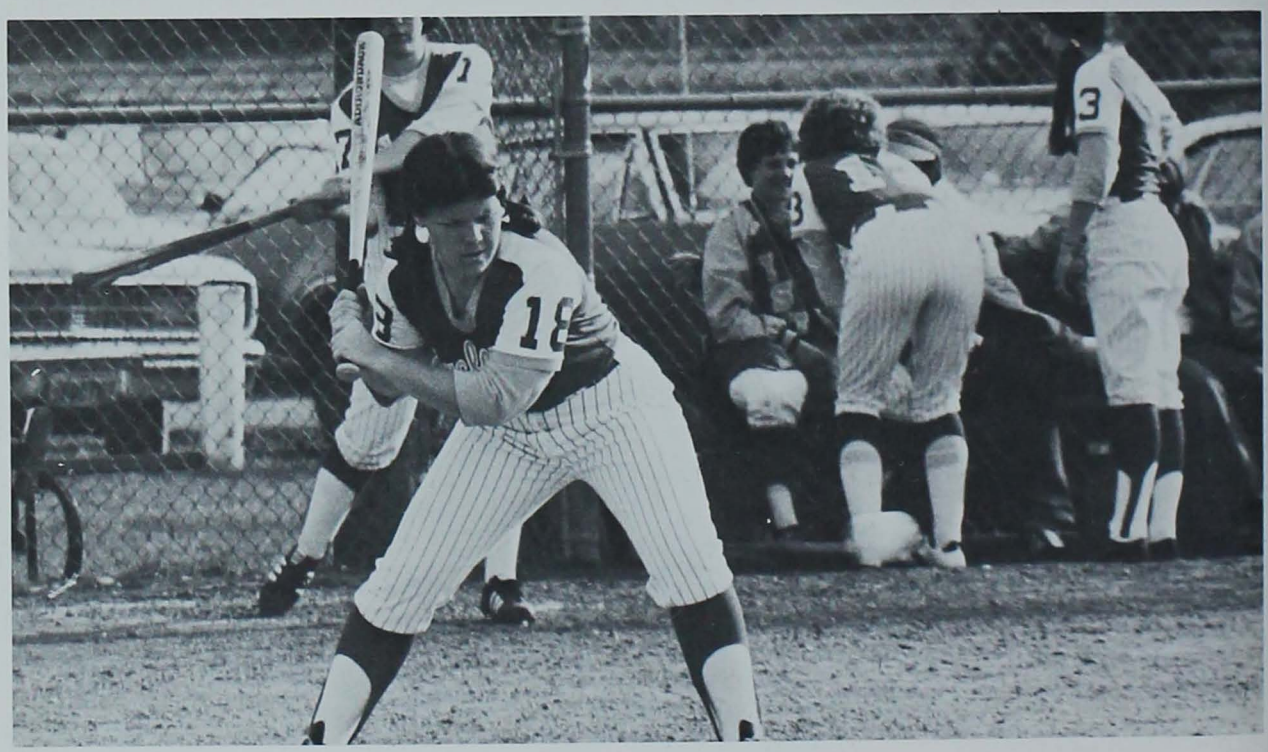
Coach Mike Anthony felt the team played "real well" considering the situation but "made too many mental mistakes" in their final game. Sophomore Carol Eich was the winning pitcher in both of the Cyclone wins. Freshman Julie Johannsen was the losing pitcher in a tough fought first game against Kansas. Eich, Johannsen and Deb Thompson combined pitching efforts in the championship game.

ISU returned its entire first team lineup from the previous season. "We could no longer use the excuse that we were a young team," Anthony said. The 22 member team included 14 sophomores and juniors.

One of the highlights of the season was the Luther College series. ISU beat Luther six times during the course of the season. Last year Luther shut out the Cyclone team.

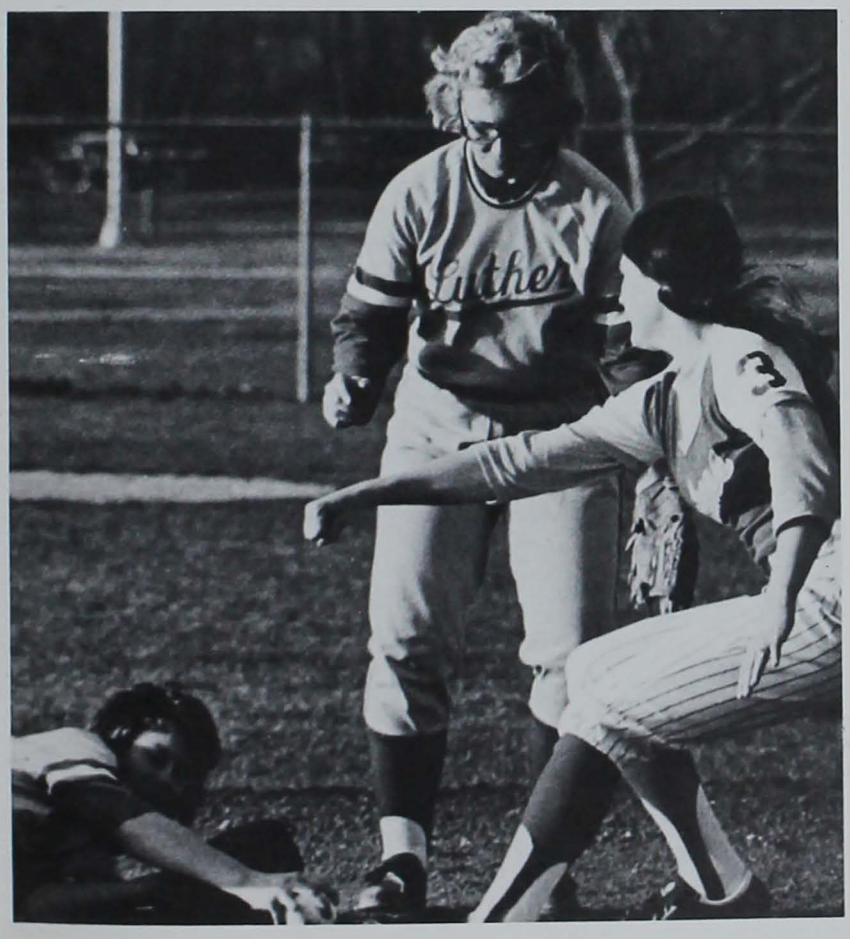
ISU finished second in the State softball tournament. They lost to the University of Northern Iowa by just one run. UNI went on to win the Nationals.

The Cyclones concluded the season with 14 wins and 10 loses. "They really worked hard and worked as a team," Anthony said. "There were nine leaders out on the field and they all knew what they were doing." Coach Anthony cited Carol Eich's pitching as greatly improved and really came along. Anthony also mentioned newcomers Mary Jo Collins and Sherry Cumpston as adding strength and speed to the outfield. Faye Perkins played anywhere and everywhere for the team. Coach Anthony credited her for her outstanding leadership and dependability.





(Opposite Page) Pat Fjelland concentrates on the ball. (Above) Coach Mike Anthony gives some last minute game instructions to pitcher Deb Thompson. (Below Left) Sherry Cumpston beats the ball to second base for a double. (Below Right) Catcher Jackie Michelson is not too sure of the umpire's last call.





Women Control Track Circuit



Tremendous consistency at a high performance level was the key to the sucessful season the women's track team enjoyed, according to Coach Chris Murray. The team set the stage early in the season by winning their own indoor invitational. The Cyclones won 12 of the 13 events and tabulated 256 points to second place Golden Valley Lutheran's 41. ISU captured the first Big Eight Women's indoor track championships by nugging runner-up Kansas State 151-123. The team won five of the 13 events which included victories from Carol Cook in the two-mile; Marjean Nielsen in the 60-yard hurdles; Becky Deetz in the high jump; Celeste Johnson in the long jump and the mile relay unit of Sherry Edwards, Sue Haynes, Trudi Rebsamen and Debbie Esser.

The team continued their dominance of the track circuit as they entered the outdoor season. ISU won both the Arkansas and Kansas Relays. Outstanding performances in Kansas included the record setting run by Debbie Vetter in the 1500m. Her time of 4:20.4 knocked 14 seconds off the old record. Katy Schilly was third in that event also running under the old record. Esser won the 100m hurdles in 14.49, Nielsen was fourth in 15.39. Kim Blakeslee heaved the javelin 131'4" for a first place finish. The mile relay team of Rebsamen, Haynes, Johnson and Esser were also victorious, running the distance in 3:47.45.

The Classic Drake Relays brought the best to Iowa and the ISU women were there. The mile relay team, hungry for a victory after a disappointing second place finish the previous year, ran away from the field with a time of 3:46.17, just missing the record by a half second. Esser won the 400m hurdles in 56.97. Vetter placed second in the 800m, with 2:13.7, just behind Olympian Wendy Knudson.

Wisconsin was the team to look out for, Coach Murray predicted early in the season. However, the duel meet against the Big Ten champs proved otherwise. ISU captured 15 of the 17 events, set seven records and accumulated a winning score of 108-38. This victory boosted the team's season record to 13-0, going into the Big Eight outdoor championships.

ISU was tops in the Big Eight for the fourth year in a row. The totals looked familiar. ISU won with 218, Kansas State was second with 151. Four records were set by Cyclone runners. Esser set records in both the 400m and 100m hurdles with times of 58.7 and 14.0, respectively. Vetter was second in the 400m hurdles and won the 800m in a record time of 2:07.7. ISU won three of the four relay events, including a new record in the mile relay. Freshman Dona Lane won the high jump with a leap of 5'7". Another freshman, Haynes won the 400m dash with a time of 55.00. Other first place finishers were Johnson in the long jump and Cook in the two-mile.

ISU qualified 12 runners to the AIAW nationals in Los Angeles. Esser won the 400m hurdles and in doing so set a new collegiate record of 58.5. She also placed third in the 100m hurdles. Vetter was second in the 1500m with 4:15.07, Schilly was sixth in that event. The two-mile relay team of Charalyn (Tweety) Wolf, Barb Brown, Schilly and Vetter earned All-American honors with a second place finish in 8:48.0.

(Above) Dona Lane clinches the Big Eight high jump with this effort of 5'7".
Bob Brown
(Right) Debbie Esser clears the hurdle in route to a victory in the 400m hurdles at the Drake Relays.
Jim Percival



Women repeat Big 8 title
sets two records
Iowa State repeated as Big Eight women's track and field champions with a solid victory weekend in Lawrence,
Defeat Wisconsin 108-38
BY EV CHERRINGTON
Life Herald Staff Writer
The Iowa State women's track team accomplished a lot of PR work in a spectacular per-
Strategy keys indoor succes
The lengths of races are different in indoor track. The standard races run in men's outdoor track are the 100-yard dash, 220-yard dash, 440-yard da 880-yard run, one-mile run, 1 yard high hurdles, 440-yar termediate
you run on different siz every week.
Position in a race more important in indo tition than in outdoo
Lane paces ISU women
Iowa State freshman Donna Lan Anita and formerly of Ames High Sc new school record in the high j rday at the Western Illi ational.
ne broke her own school record wi p of 5-8. She was one 14 ISU winn ebbie Esser won both the 100 and ter hurdles while Celeste Johnson long jump and 200. Debbie Vetter 880, Carol Cook the mile and K hilly the two mile run. Fresh ridgete Seip won the three mile.
Cyclones are idle until April 16 w Wisconsin in a dual mee definite starting time will likely get
CYCLONE WOMEN LEAD IN TRACK
Team Scoring
Iowa State 47; 2. Kansas State 27; 3. Nebra 5. Colorado 5.
Cyclone women w up 4th straight tra
Dispatch to The Register
LAWRENCE, KAN. — Debbi erased her own hurdles rec rol Cook captured the tw her second title as Io d to its fourth conse Conference wome championship Sat Cyclones, won 11 y meet sily St
Good day for ISU women in AIAW
By TRUDI REBSAMEN
Special to The Tribune
LOS ANGELES, showed champio qualifying roun track meet
Cyclone women lead in Big 8 track meet
LAWRENCE, Kan.—Iowa State jum out to a 20 poin after three f Big Eight
CLASS
DRAKE RELAYS
Women demolish win 15 of 17 events
Iowa State captured 15 of 17 events and set seven records on the way to an overwhelming 108-38 win over Wisconsin Saturday night in women's track. The meet held at Ames High.
Sue Haynes was a double the 200 meters and
Other Cyclone in the thre mile
Big 8 track title to ISU women
and the mile relay team of Sherry Edwards, Sue Haynes, Trudy Be and Debbie Esser, which
Cyclone w 4th straight title
Big Eight meet in Lawrence, this weekend where they also straight title Conse- performers



Chuck Locke "puts" it **Andres Garreton**



Jeff Myers breaks Drake record **Jim Percival**



Manley and Vincent in steeplechase

Best Big 8 finish since '58

The '77 track season saw an Iowa Stater become an All-American, a first place victory in the Drake Relays for the second year in a row, and the best Big Eight finish since 1958.

Jeff Myers was the star of the indoor season as he won the mile in Big Eight indoor meet and finished fifth in the NCAA indoor mile which brought him All-American honors.

The outdoor season was led again by Myers and by high jumper Steve Kuehl. Kuehl was the lone Cyclone to qualify for the NCAA outdoor meet. Myers brought the Cyclones their only first at the Drake Relays in the form of a Relays record 3:47.1 for the 1,500m. It was only the second first place finish at Drake in the last 30 years.

The thinclads had their best team effort at the Big Eight meet. Myers and Kuehl both finished second in their respective events. Also in the scoring were shotputer Rusty Hodge and pole vaulter Tom Pratt with third places, and fourth places by 3,000m steeplechaser Steve Manley and highjumper Tom Kieffer.

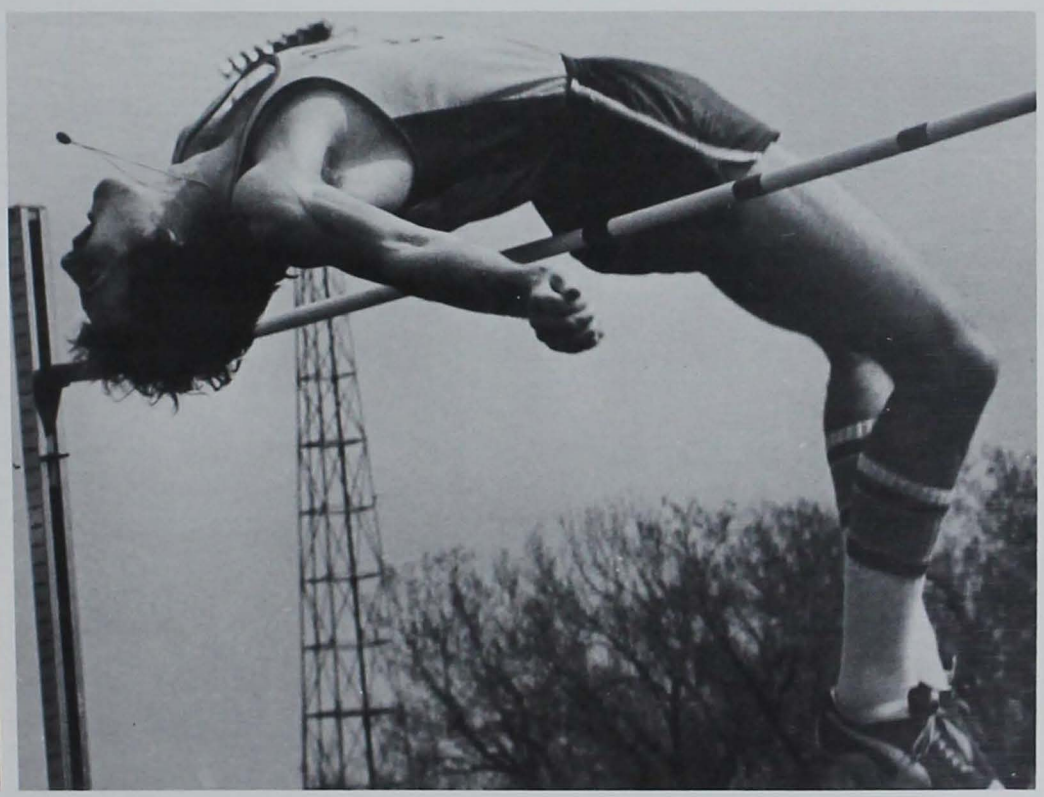
The University of Northern Iowa edged the Cyclones by a mere point, 60-59 in the "Big Four" meet in Des Moines. Drake was third and Iowa came in last.

This year the Cyclones held their home meets on the Ames High track because of the deteriorated facilities at Clyde Williams field. The Cyclones won the home opener against South Dakota State. The dual meet victory included a double win for Hurdler Bob Brcka in the 400 intermediate (school record) and 110m hurdles. Other first place finishes were turned in by Myers in the 1,500 and 5,000m, John Valasa in javelin, a tie by Manley and Brian Vincent in the steeplechase, Rusty Hodge in the shotput, Tom Kieffer in highjump, Gary Preshuhn in the 400m and Brian Darrowin the 800m.

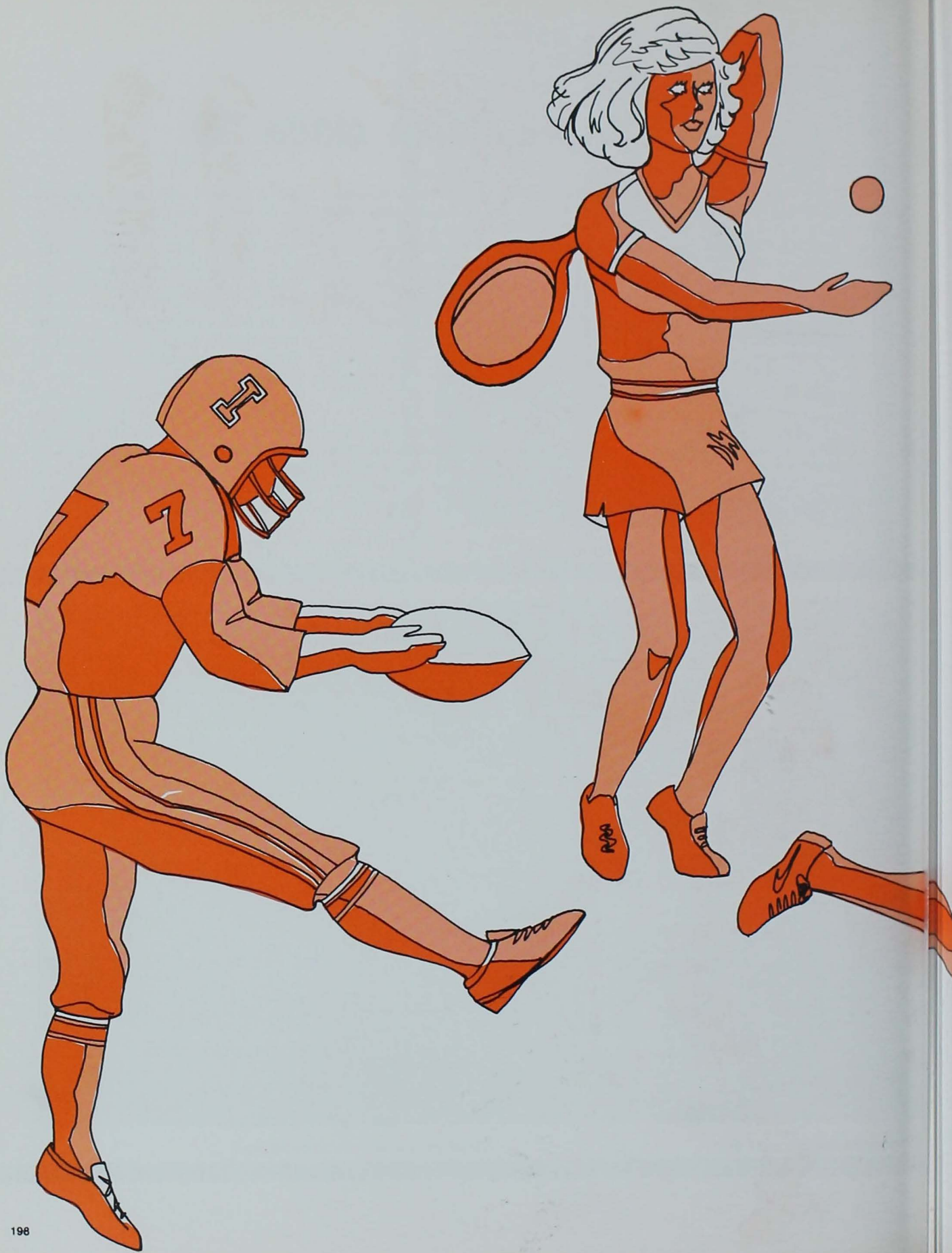
The Cyclones were missing two stars from last year due to injuries. Sophomore David Korir, who finished sixth in the '76 NCAA outdoor 800m was out with a leg injury and Larry Walton the number five Javelin thrower in the Big Eight was out with a shoulder injury.



Andres Garreton



Steve Kuehl's NCAA form **Jim Percival**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7

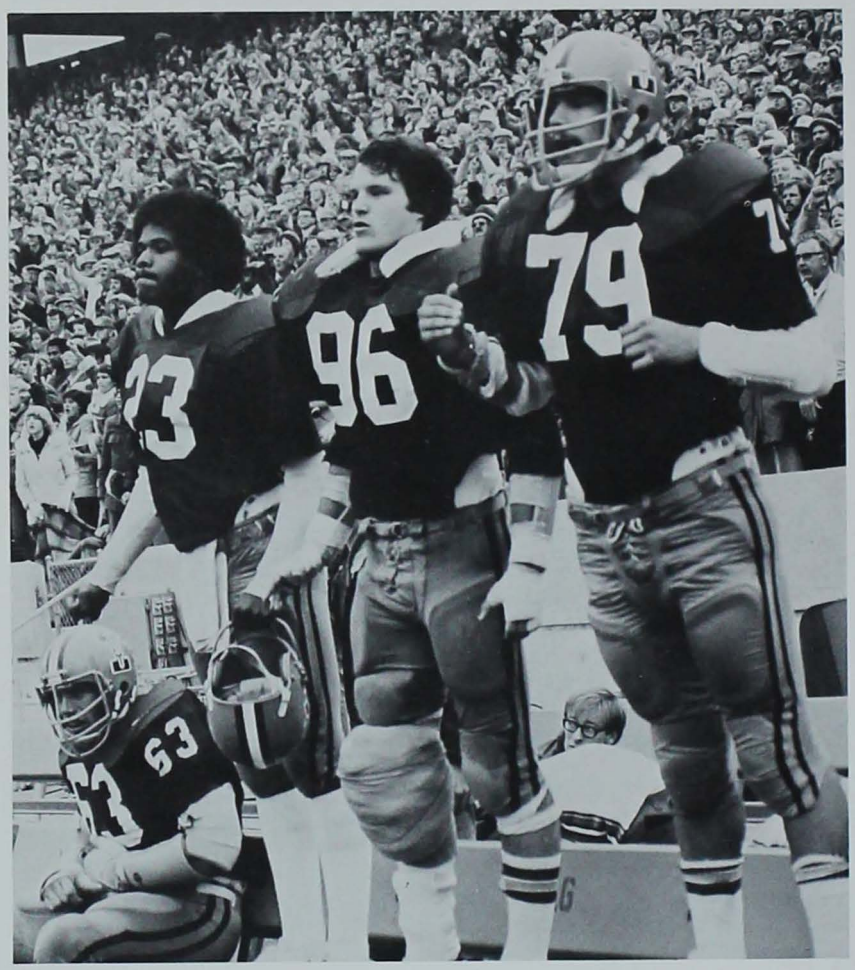
Fall



To fall...
those beginnings, those good times,
the joining together of old friends
and meeting new people
who will become friends
through working as a group,
as a team
so that victory may begin
again in fall,
when leaves blow wildly
and sun shines mercifully on the fans
who yell and cheer
no matter what the weather
or the town,
it could be Lincoln or Norman or Iowa City,
the fans will travel to see that pigskin passed
and kicked
and received
and they'll defend old ISU to the end
or the beginning ...
of cross country and hopes of Ijams placing first,
of tennis, golf, volleyball,
where one round object can create a smile
or a tear,
can bring closer together men and women
as friends, as teammates.
Fall
is a time for fun, summer has gone again
leaving the weather to help or hurt the teams
who see fall as slipping into winter.
yet believe the sun will shine as memories are made
from winning
from losing
from knowing that no matter what
fall is beautiful
and good times, good teams
will live on
long after jack-o-lanterns leave
for this is a beginning
to fall ....

Beth Jasper

ISU's Dick Butkus



Rarely in the history of football or any other sport at ISU has there been an athlete who has had a card-carrying fan club cheering for him. But this year was different because of a player named Boskey and a fan named Pannkuk.

The whole thing started last spring when Tom Boskey, a sophomore, was named co-captain of football squad. It was the first time ever that an underclassman had earned that honor.

Boskey, a linebacker from Mendel High School Chicago, patternd himself after Chicago Bear's great, Dick Butkus. And he plays in the same hard hitting Butkus tradition.

The fan, Karl Pannkuk, is the Personnel Manager at the Memorial Union and a very avid Cyclone fan. It was Pannkuk who came up with the bumper stickers promoting the Iowa State-Iowa renewal: Namely "Herky is a Turkey" and "It's Greater to Be an Iowa Stater." Pannkuk sold about 11,000 of the $.30 stickers in the spring and over the summer and used the money from the sales to lauch the Boskey Fan Club.

What started it? Pannkuk is a good friend of Boskey's. He said that he suggested to Tom that Tom should have a fan club. Boskey liked the idea so Pannkuk went to work on it.

For the $1.00 membership fee, the Boskey fan got an autographed color picture of Tom, two bumper stickers, a Cy "memo" magnet and a membership card. The card, shown below reads, "#96 in program, #1 on the field." Pannkuk sold about 90 the first week and by the end of the season the Boskey Fan Club ranks had grown to 430.

Why have a fan club for Boskey? Well he's not your ordinary linebacker. He shaved his head to remind himself daily when he looked in the mirror that his number one goal was to make the varsity defensive unit. Boskey would also paint his face with Indian war paint to "scare the opposition." He reportedly sent letters to the star running backs of opposing teams saying that they might not know who he was now but that they sure would after the game. The coaching staff halted the practice when they caught wind of it.

Pannkuk could have two Boskeys to promote next year. Tom's younger brother has signed a national letter of intent with the Cyclones, choosing from Notre Dame, USC, Nebraska and may other top notch schools. But for now Pannkuk and the rest of the Boskey Fan Club will have at least another year of cheering for #96; their #1.

OFFICIAL MEMBERSHIP CARD

#96 in your program, #1 on the field

_____

am an official member of the

TOM BOSKEY FAN CLUB



_____ ***president***

"It is more or less a trial an error profession, each injury is different."



If it weren't for a faulty car bearing and the inability of the local service stations to come up with the part, Bill Flentje, ISU women's athletic trainer, would not be in Ames today.

Flentje came to Ames early last summer to help with a Cramer athletic trainers clinic Frank Randall, ISU trainer was conducting. During the clinic, the women's athletic department announced the newly created position of athletic trainer for women's athletics at Iowa State. Car troubles following the clinic forced Flentje to spend several unscheduled days in Ames. While stuck in Ames waiting for the part to be shipped from St. Paul, Minnesota, Flentje had the chance to discuss the position further with Randall. "I became more interested in the position as I talked with Frank," Flentje said.

He later applied for the position and got it. However, the position is only temporary, meaning there is no guarantee of a job for Flentje next year. Money is the main factor because 1/3 of the money budgeted is permanent while 2/3 is only temporary. Flentje however, has few fears of his position dissolving. "Women's athletics are on the rise," Flentje said.

Before coming north to Ames, Flentje was athletic trainer at the University of Missouri, Rolla. With a student enrollment of only 5,000, he was the trainer for both the men's and women's program was limited, including only two sports, basketball and volleyball. Having been there for seven years, Flentje said he had "done everything I could do there."

The move to women's athletic trainer really pleased Flentje. "I'm really excited about it, I really am," Flentje laughed. The women caused him a few problems at first, but he got over them quickly. Flentje said, "I'd no sooner snap my fingers and the tears would appear." The treatment however, remains the same for men and women," a sprained ankle is a sprained ankle," Flentje explained. But, "women tend to be more emotional, and are more receptive and open to treatment." "They are eager to get well and will come for treatment faithfully," Flentje said.

The eventual move toward combination of athletic training rooms for men's and women's programs is fast approaching completion. The nature of the physical set-up at Iowa State makes this essential. "We have to work together because of the three training rooms scattered around campus. All training rooms are open to both men and women, with few exceptions," Flentje said. "Whoever walks through the door is treated," Flentje added.

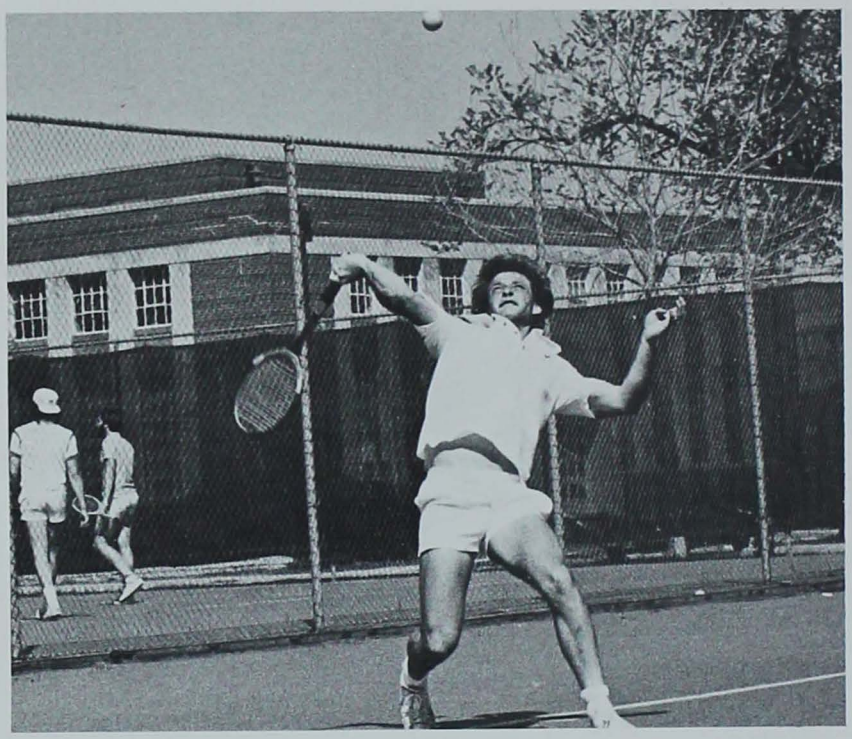
The combination of facilities will also aid the learning process of women student trainers. "Women trainers need the exposure of contact sports, especially football. More experience can be gained from one season of football than an entire year of strictly women's athletics," Flentje said.

The exact position of the athletic trainer seems to be undetermined. Flentje described athletic trainers as existing in "No man's land." Doctors can make diagnosis and prescribe treatment, while trainers can only examine and recommend treatment. The success of the athletic trainer remains tied closely with cooperation of the athletes he treats. "Athletic trainers are needed to do the taping, treatment and rehabilitation of athletic injuries," Flentje said. "It is also their job to listen to the athlete and know if it (the treatment) is helping." Athletic trainers are always on the look out for new techniques of training and taping injuries. "It is more or less a trial and error profession," Flentje said, "each athlete and injury is different."

The emphasis, according to Flentje should be on preventing injuries through conditioning of athletes. Strength and conditioning programs have prevented the occurance of the nagging minor injuries that frequently plague women athletes. Flexibility and weight programs have eliminated commonly reoccuring muscles pulls and sprained ankles.

The athletic training position originally involved 50% training and 50% teaching. However, "the job turned out more like 90% training and 10% teaching," Flentje said, "but I don't mind it." "I've really enjoyed myself this year."

Cyclone Tennis



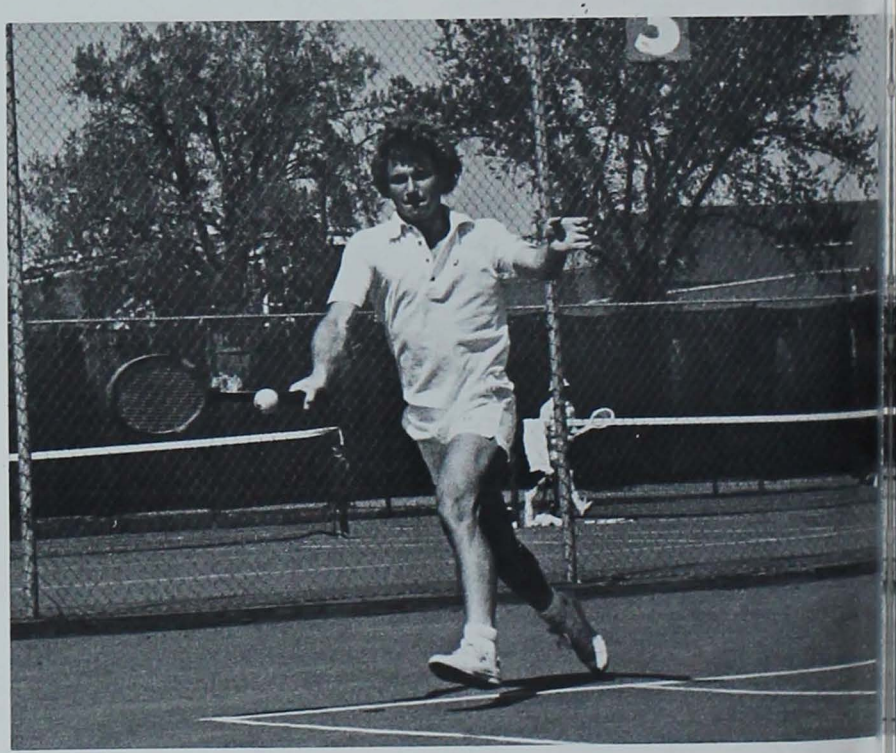
The Iowa State netters started the season early in March with a three game tour of California. Taking on the Cyclones were Pasadena City College, California-Irvine, and Long Beach City College. ISU dropped all three matches but gained some early season practice against some real competition.

The tour did some good as the netters won their next two outings. They beat Grinnell 7-2 and Drake 6-3.

In the number one match of the Drake meet, ISU's Rich Jorgensen lost to Chris Milligan 6-3, 3-6, 6-4. Kerry Beader picked up the second match for the Cyclones as he defeated Bulldog, Frank Sacks 6-2, 2-6, 6-0. Iowa State's Bob Klawitter lost the third match but Scott Feldman, Paul Curtis and Tom Lennox all won their matches. The Klawitter - Feldman and Lennox - Shomaker doubles teams picked up the fifth and sixth points for the final 6-3 score.

The Big Eight schedule proved too tough as the Cyclones lost to everyone but Kansas State in the regular season. The

(Above) Shomaker prepares for an overhead smash during a home meet on the Beyer courts. (Right) Shomaker hustles to get of a forehand shot.
Kevin Doherty



Wildcats fell 8-1 victims as the Cyclones bounced back from a 5-4 match loss to Northern Iowa.

The high point of the season for the netters was a double dual in which they dropped only three of 18 matches. They beat Doane of Omaha 7-2, losing only a singles and one doubles match and Simpson College 8-1 with the only loss a doubles match.

Drake fell to the Cyclones a second time but the margin decreased. A split match gave ISU 5.5 to the Bulldog's 3.5.

In tournament play the Cyclones finished 13th in the Drake Relays meet and seventh at the Big Eight Championships.



(Right and below) Cyclone second man, Kerry Beader shows the form that brought him victories over Drake opponents.
Kevin Doherty







Women's tennis slump continues for the second year

The Iowa State women's tennis team finished their 1977 fall season with a disappointing 0-7 record. This was the first time the ISU team experienced a losing season. The team lost two heartbreaker matches, 5-4, to Iowa and the University of Northern Iowa.

The absence of first singles talent Barb Kunnert was felt by the whole team. Kunnert held the first singles position, however she was unable to compete during the fall season. She was completing her internship program in Dietetics.

The team finished third in the State AIAW Tournament and 6th in the Big Eight Tourney, held during the spring. Their biggest competition continued to come from the University of Kansas Oklahoma and Oklahoma State.

The tennis team returned only two varsity players from last years roster, however placed teams in the finals of both singles and doubles events of the State Tournament.

Debbie Dixon, taking over the number one singles position, finished second in the State AIAW Tournament losing to Drake's Barb Johnston. Johnston was one of the top performers in the Region for the entire season and two time State Champion. Dixon teamed with Deb Parrot, played first singles for Iowa State at the State Tournament. They finished second in the finals losing to another strong Drake team.

The tennis team practices and competes year-round. The State AIAW Tournament is held in the fall, while the Big Eight Tournament is contested during the spring season. Coach Lander said it is essential for the team to practice year-round in order to compete on the same level as other schools in the Region.

Coach Lander singled out the talent of freshman Mary Burkert. "Mary has the potential to be really good and only needs the experience," Lander explained. Burkert played the majority of the season, but was ill for the Minnesota meet and the State Tourney.







(Far Right) Kim Olsen shows perfect form as she winds up for the serve.
Bob Stenberg
(Above) The 1977 Tennis Squad. Standing, left: Deb Dixon, Mary Burkert, Jane Zarwell, Coach Linda Lander, Lynda Johnson, Kim Olsen, Deb Parrott, Martha Paysen. Kneeling, left: Cathy Seehafer, Nancy Reid, Ann Dakovich, Tracy Rector. (Right Top) Jane Zarwell prepares to ace her first serve. (Right Middle) Mary Burkert charges the net to play a low shot. (Right Bottom) Jane Zarwell stretches to slam her serve.

Records Fell



The highlight of the 1977 Iowa State golf season was the demolition of two school records. Twenty-eight strokes were dropped from the 36- hole total with a 575 and 18 strokes fell from the 18-hole total with a 280.

The team got off to a slow start with two sixth place finishes. The Cyclones fired a team total of 937 in the 72-hole Colonel Classic in Richmond, Kentucky. Leading the team was Craig Ried with a 234 followed by Bill Benda at 235, Dave Quelland at 236 and Harry Lockwood with 238.

In the Shocker Classic, the Cyclones finished behind Oklahoma State, host school Wichita State, Tulsa, Missouri and Nebraska. Iowa State's low man was Quelland with a 228 for the 72-hole event. Benda was next followed by Ried, Harry Lockwood and Mark Runge.

The team finished higher in meets with other Iowa schools throughout the season. In the Big Four Meet, in Iowa City, the Cyclones placed second place behind the Hawkeyes number 1 team. Iowa finished with a 612 total followed by ISU with 631 and UNI with 635. Drake withdrew from the tourney. Benda tied for second place individual honors and Quelland tied for fifth.

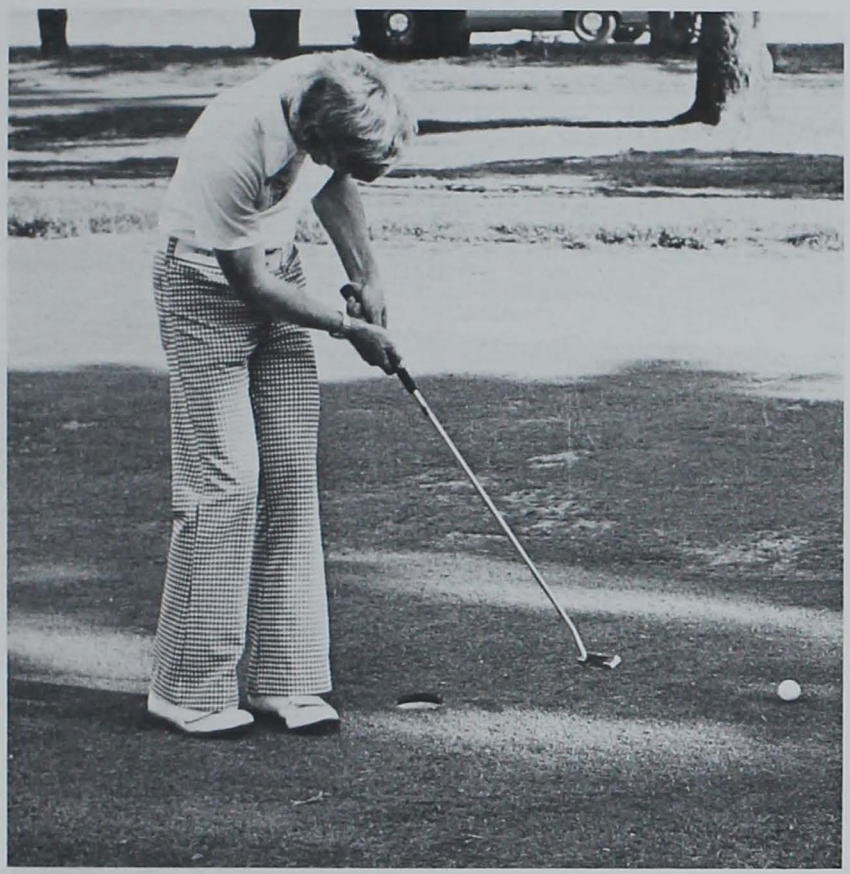
The highlight of the season came at the Northern Iowa-Wartburg Invitational. The sixteen stroke victory broke two Cyclone school records as Quelland took medalist honors and Benda, Ried, Lockwood and Steve Malloy all shot below their averages.

Although rain shortened the Iowa Intercollegiate Tournament, it didn't affect the Cyclones and the team finished third out of 22 teams. Craig Ried was medalist with a 1-under-par 71. Iowa took first place while Drake and St. Ambrose tied for second.

Action this fall centered around the team qualifying tournament held at the George Veenker Memorial Golf Course. The team consisted of returnees Quelland, Lockwood, Ried and Dana Kain who returned after a year's absence along with newcomers Bob Boote, Steve Schultz, Craig Calhoun, Clay Davis, Terry Anderson and Scott Winkel.

The other major tourney for the Cyclones was the UNI Invitational where they finished seventh out of 20 teams.

The team was planning a trip to Hawaii over winter quarter break as a final preparation for next spring's season.



(Opposite) The 1977 golfers: (Front row) Dave Quelland, Steve Malloy, Bill Benda, Dana Schrack, Harry Lockwood. (Back row) Mark Williams, Mark Runge, Craig Ried, Cy, Jeff Mesick, Greg Wolf, Coach Dale Anderson. (Above) One of the Cyclone's top golfers, Dave Quelland, moves back out to practice the long one. (Right) Cyclone Coach Dale Anderson reflects on the season's play as captured on film. **Photography by Kevin Doherty**













Young talent drives team To second in State AIAW

The women's golf team captured second place in the State AIAW Tournament held at UNI. Paced by the strong one-two finish of Rachel Reicher and Deb Moler, the Cyclones were only five strokes behind Iowa. Reicher and Moler shot a 170 and 173, respectively, for the two-day tournament. Reicher, touted by Coach Joan Gearhart as most improved, really came on after the win. "That was the confidence builder she needed," Gearhart said.

The golf team competed in eight major tournaments during their fall season. The nine member squad finished within the top five in all but one tourney. "The caliber of golf in the Midwest is unusually good," Gearhart explained. "Over one-third of the teams have qualified or competed in the National AIAW meet." In order for a team to qualify for the National meet, it must have one of the twenty-fourth lowest scores in the nation. Team scoring is done as follows; the four individuals of each team with the lowest two-day 36 hole scores are totaled together for the team score.

At the AIAW Regional Tournament in Minnesota, Iowa State finished fifth in a field of 19 schools. The Cyclones beat interstate foe, Iowa, by 18 strokes and hit their best team score of the season, 703. "I feel we played really good golf," Gearhart said. Hampered by a soaking rain, the golfers played some of the best individuals in the country and several national qualifying teams.

Deb Moler was low scorer for ISU, recording a two-day round of 165. She set a course record for nine holes with a 36, enroute to a fourth place tournament finish. A freshman from Maquoketa, Moler "really got her game together at the end of the season," Gearhart said. "She is a strong player, long off the tee and accurate."

Kristy Eich, a transfer from Boone Jr. College where she played on the men's team, was the second lowest scorer for ISU at the Regional Tournament, with a 177. This was her best performance of the season.

Reicher set an all-time low scoring record for Iowa State at the Missouri Invitational in Columbia. Reicher posted a two-day score of 159, with 18 hole rounds of 79 and 80. Reicher's performance earned her a sixth place finish and spurred the ISU team to fifth place. "Reicher's strong point is her consistency, which gives her a definite advantage over other players," Gearhart said.

(Upper Left) Kristy Vik, playing in the forth position, lines up her putt. (Upper Right) Freshman Deb Moler takes a swing and sets a new ISU course record. (Lower Left) State Champion Rachel Reicher totals up her score. (Lower Right) Liz Anderson sinks her putt. (Above) The 1977 Women's Golf Team. Left to right; Deb Moler, Rachel Reicher, Kristy Eich, Ann Barnes, Barb Cory, Kristy Vik, Coach Joan Gearhart.



(Right) Vicki Smith (12) sets up the ball for the offensive attack. Heidi Tietz (3) prepares to spike it over the net.
Connie Tanezo
(Right Below) Kathy Klooz spikes the ball over the net. Laurie Florihaug and Heidi Tietz watch for its return.
Connie Tanezo
(Below) Heidi Teitz bumps the ball back into the court for play.
Peggy Buell





Volleyball team faces frustrating season

Rookie squad, increased schedule and new competition played havoc with the '77 ISU Volleyball teams' season record.

The team was 11-28 for matches and 41-68 for total games played. "The season was frustrating in terms of the actual win-loss record," Coach Diane Hale said. The first game played was in October, which gave the squad little time to condition and actually play together. Try-out for the ISU team were held during the first week of September. Many schools that start in the middle of August have two months, practice time before their first game. "In the short time before the first game, I could teach them the fundamentals, but they had to learn to work together and rely on each other, which takes time." Coach Hale said.

The team played 109 games this year as opposed to the 71 played last season. The increased schedule saw the team in duel meet action every Tuesday night and tournament play every weekend. The increased scheduling was done intentionally by Coach Hale. "I wanted to see how the team measured up to competition that proved many times way over our heads," Hale said. Not only the number of games played increased, but the quality of competition increased.

The highlight of the season was the team's fourth place finish at the Minnesota Tournament in Minneapolis. The ISU volleyball team played regional powerhouses that included, Minnesota, Mankato and St. Cloud. "The tournament enabled us to see how we ranked within our region, and to play teams we had never seen play before," Hale said.

"The '77 team was better offensively than last year's and had more raw talent," Hale said. The nine member squad developed a strong set of offensive patterns. The offensive attacks were powered by freshmen Vicki Smith and Kelly Johnson. Nebraska transfer, Kathy Klooz was also singled out by Coach Hale. "Kathy hadn't played much power volleyball before coming to ISU, but she did a fine job," Hale said.

The University of Nebraska, at Lincoln, won the Big Eight tournament, ISU tied for fourth place. "We played real strong in the tournament and with a positive attitude," Hale said.

Coach Hale encouraged the team to continue playing through the winter and spring seasons with the ISU volleyball club. "It will keep them playing," Hale said. She also recommends summer sandball. "It is hard to train in the summer on your own, but the added conditioning time is essential," Hale said. According to Hale, this year was a learning experience for both the team and the coach.



(Above) Laurie Florihaug receives some constructive criticism during a time-out. **Connie Tanezo**

X-Country



For the second year in a row the ISU cross country team qualified for the NCAA championships. The team finished second in the NCAA regional meet in Des Moines, behind Missouri to travel to the championships in Spokane, Washington.

The team had six returning letter men and a junior college all-American in both cross country and track. Returning seniors Jeff Myers and Steve Manley and underclassmen Jim Ijams, Dan Gilchrist, Gene McGivern, and Brian Vincent. Dennis Barker, a junior college transfer from Golden Valley Lutheran Junior College, added to the Cyclones strength. Senior Mark Windschitl and freshman Tim Holton came on strong towards the end of the season.

The harriers starte the season off with a win at home, the Iowa State Open. Sixteen teams and track clubs participated in the meet held at the George Veenker Memorial Golf Course, with over 170 runners completing the four mile course.

Defending champion Myers finished third to Boyd Nansel of Drake and Club West's Stan Vernon. Manley was fourth for the Cyclones followed by Ijams in sixth, McGivern in seventh, Barker 12th, and Vincent, 19th.

The next test for the Cyclones was the defeat of the Jackrabbits of South Dakota State, the perenial division II cross country power house. The meet was run at home on the Veenker course.

The Cyclones traveled to Lawrence, Kansas to face Southern Illinois, Kansas and Kansas State. It was their toughest competition to that date, in the opinion of Coach Bill Bergan, but the Cyclone harriers took it in stride and defeated all three teams.

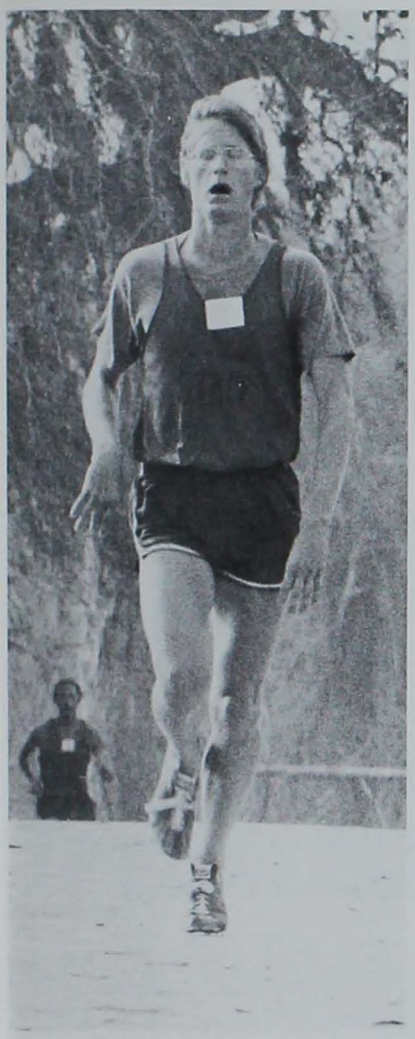
Then it was home again as ISU hosted the Iowa Intercollegiate Cross Country Meet. There were only two competitors for the five mile event; the Universities of Iowa and Northern Iowa. Ijams won individual honors The other top Cyclones were Myers, Manley, Gilchrist, and Holton.

The final pre-Big Eight contest was at home against Nebraska. The Cyclones won easily, 17-45, and ended their regular season undefeated.

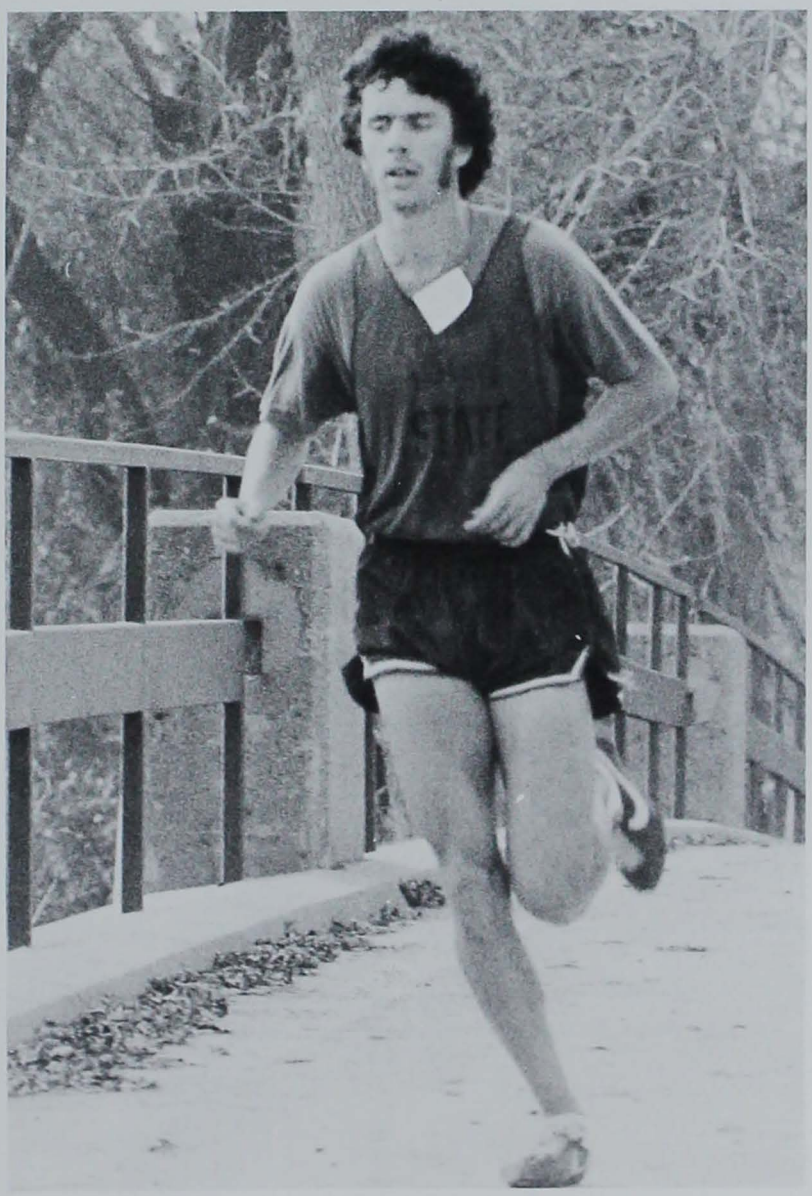
The Big Eight Meet was held in Manhattan, Kansas and the Cyclones tasted defeat for the first time of the season, at the hands of Colorado. Ijams paced the team with a fourth place finish of five mile course in a time 24:32. Coach Bergan said Colorado ran a great race and that it would have taken a super effort from the entire team to have beaten the Buffs.

Other finishers for the Cyclones were Manley in ninth, Myers in 16th, Barker in 18th, Holton in 27th and Windschitl in 33rd. Gilchrist was unable to complete the course due to hyperventilation at about the four-and-a half mile mark.

A second place finish at the NCAA regional meet in Des Moines gave the Cyclones a trip to Spokane, Washington and the NCAA Championships. Running for the Cyclones were Ijams, Manley, Myers, Barker, Holton, Gilchrist, and Windschitl.



(Opposite) Team leaders, (from left) Jim Ijams, Jeff Myers, and Steve Manley hit the bridge on the Veenker Course against Nebraska. (Above) Brian Vincent is an example of the pain involved in long distance running. (Right) Dan Gilchrist heads for home in the Nebraska meet. It was the final home victory of an undefeated season for the team.



Perfect Season 10-0







(Above) Bridget Seip warms-up in preparation for the Region 6 Championships hosted by ISU. Seip placed 5th with a time of 17:47.
Sherry Edwards
(Above Right) Exhausted but happy, Barb Brown walks through the finish shoot. Brown placed ninth in the Region 6 meet. Teammate Connie Reints came in just behind her for tenth place.
Sherry Edwards
(Right) Jolene Schulte, ISU's first and only woman trainer, was there to "fix" the injuries.



The pack attack is back ..... Harriers win it all

The Iowa State women's cross-country team made history this fall. They became the first team in the history of the sport to win both the national collegiate meet (AIAW) and the National Amateur Athletic Union title. The ISU team has never lost a women's cross-country meet since the sport was officially recognized by the AIAW in 1975.

The six member squad traveled to Austin for the Texas Invitational 5,000 M. Debbie Vetter finished first in a time of 18:15. ISU won the meet with 19 points, a perfect score is 15. Texas was second with 30, followed by Houston with 66 points. Remember, low score wins in cross-country. The following weekend, ISU dominated their own invitational scoring 32 points to second place Wisconsin's 63 and Colorado State's 87.

ISU wiped up the Big 8 Championships in Manhattan, Kansas, placing six runners in the top 15. Debbie Vetter once again finished first. Twin sister Diane finished second. "The Vetter's are great team members," Coach Chris Murray explained. "They contribute not only their running talents, but their enthusiasm for the sport, they just love to run."

The Region 6 Championships were held in Ames at the ISU golf course. Deb Vetter won the meet with a time of 17:10. Iowa State had six runners in the top 10. One hundred and thirty six runners competed in the championships, coming from 29 colleges and representing a seven state area. The Region 6 win qualified the cyclones for the National AIAW meet in Georgetown, Texas. The AIAW meet brought the same results, Iowa State on top. ISU finished first with 92 points beating second place Penn State's 116 points. Deb Vetter's tenth place finish earned her All-American honors. According to Coach Murray, it was a total team effort. "Everyone ran up to their potential, and Connie Reints ran the race of her life," Murray said. Every runner's score is equally important, no extra points are given for first place finishes. The place number of the top five finishers of each team are totaled together to give the team score.

ISU adopted the "pack" running stragedy this season. "In the past few seasons we had been blessed with a super runner of both national and international caliber, namely Peg Neppel and Carol Cook," Murray said. "Because of their speed it was impossible for the rest of the team to keep up with them." The object of the "pack" is to finish your top five runners within 30 seconds of each other. "That's utopia," Murray laughed. In the AIAW meet, ISU finished its top five runners within 28 seconds of each other.

While most of the Iowa State students were home for the Thanksgiving break, the Iowa State cross-country team was running in the National AAU meet in San Bernadino, California. ISU won the championships with 129 points to beat runner-up Falcon Track Club (Seattle, Wash.) who had 179. Deb Vetter led the cyclones with a 14th place finish. Diane Vetter was 22nd, Schilly 24th, Brown 33rd, Seip 36th and Reints 42nd.

(Above) The ISU team leads the way, enroute to a first place finish in the Region 6 Championships. From right to left the runners are: Kathy Toomey, Minnesota; Katy Schilly, ISU; Barb Brown, ISU; Karen Urich, KSU; Diane Vetter, ISU; Bridget Seip, ISU and Deb Vetter, ISU.

Year Of Repeats . . .

8-3 Season All Big-8 Coach Win over Huskers



Late on the afternoon of September 17th, the road ahead for the Iowa State football team looked rocky. The Cyclones had just suffered a 12-10 loss to intra-state rival Iowa and the squad more resembled a funeral party than a football team.

Few observers displayed any optimism on that dreary day and even fewer would have predicted five Big Eight wins, a Peach Bowl berth and a bevy of all-conference stars that were to emerge just two months later.

Though Coach Earle Bruce, in his fifth year at the helm, couldn't direct the club past the Hawkeyes after all the ballyhoo that accompanied the two schools' first meeting in 43 years, he regrouped his charges and drove them to a second straight 8-3 season. It was good for second place in the loop and earned Bruce Big Eight Coach of the Year laurels for the second year in a row.

The Iowa setback came on the heels of a season-opening victory over Wichita State, 35-9, in Ames.

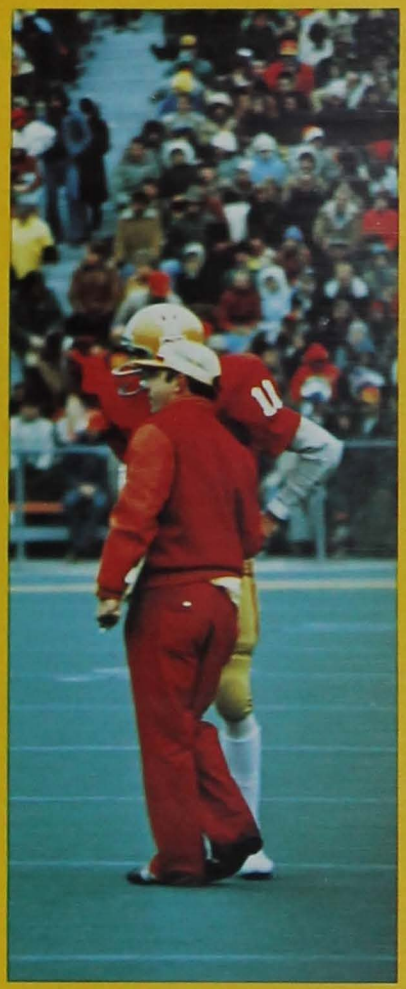
Junior tailback Dexter Green broke loose for a 51-yard scoring jaunt to get the Cyclone juggernaut rolling and the contest was never in question.

It was a costly triumph, however because senior quarterback Mike Tryon left the game with an arm injury that was to keep him on the sidelines for the remainder of the fall. Tryon was the man the Cyclones were counting on to mold the defense into a cohesive unit.

The injury didn't stop the team from piling up five touchdowns to rout the Shockers with sophomore Terry Rubley at the controls along with freshmen Vinny Cerrato and John Quinn.

With the Iowa battle on tap for the next week, Iowa State found itself in an offensive staff predicament. The defense was sprinkled liberally with experience, in the line and at linebacker and there were talented replacements in the secondary,







(Above) Sophomore Terry Rubley took over quarterback duties from the injured Mike Tryon and helped guide the team to their 8-3 mark.
Bill Mahoney
(Opposite) Standout running back Dexter Green slashes for a good gain against the Sooners and the rain. An unfortunate repeat in the Oklahoma game was the loss of nose guard Ron McFarland to a knee injury for the second year in a row.
Kerry Gibson
(Above right) Earle Bruce plans strategy with Rubley. Bruce, in his fifth year at ISU, was named Big Eight Coach of the Year for the second year in a row.
Bill Mahoney
(Right) Green displays the ball after one of his fifteen season touchdowns. The junior gained 1240 yards and was nationally ranked.
Garry Weyhrich

Renewals . . .

ISU-Iowa



(Above) Punt returner Tom Buck looks for a block from teammate Mike Schwartz that will spring him for his 63-yard touchdown run that proved to be the Cyclones' only TD of the day. (Below) A scene of what the afternoon in Iowa City turned out to be, a defensive battle. Here an Iowa player is smothered by (clockwise from bottom) Mark Settle, Tom Boskey, Tom Randall, and Ron McFarland. (Right) Defensive ends Rick White and Craig Volkens added greatly to the already strong front four of the Cyclone defense. Here Volkens sacks Iowa's Mosley as White charges to assist.

but the offense was shaky at best with six new faces.

Last year the Cyclones had the second most productive offense in the nation and rode that scoring machine to eight victories. Now with Tryon shelved, it was evident that the defense would have to carry more of the load in 1977. Bruce elected to start Rubley against Iowa Hawks while Iowa Coach Bob Commings named his son, Bob Jr., as his quarterback.

Regional television coverage, 59, 725 fans and an enthusiastic Hawkeye defense greeted the Cyclones in Iowa City. The game progressed cautiously with both teams feeling each other out until Cyclone punt returner Tom Buck







(Above) Tackle Tom Randall gets a piece of Iowa quarterback Bob Commings, Jr. just as Commings pitches out. Randall was third in unassisted tackles behind Mike Stensrud and Ron McFarland but was first in assists with a total of 76.

(Below) Place kicker Scott Kollman added three points to the Cyclone effort but it wasn't enough for the win. Kollman was second to Green in scoring.

All photos by Bob Carson





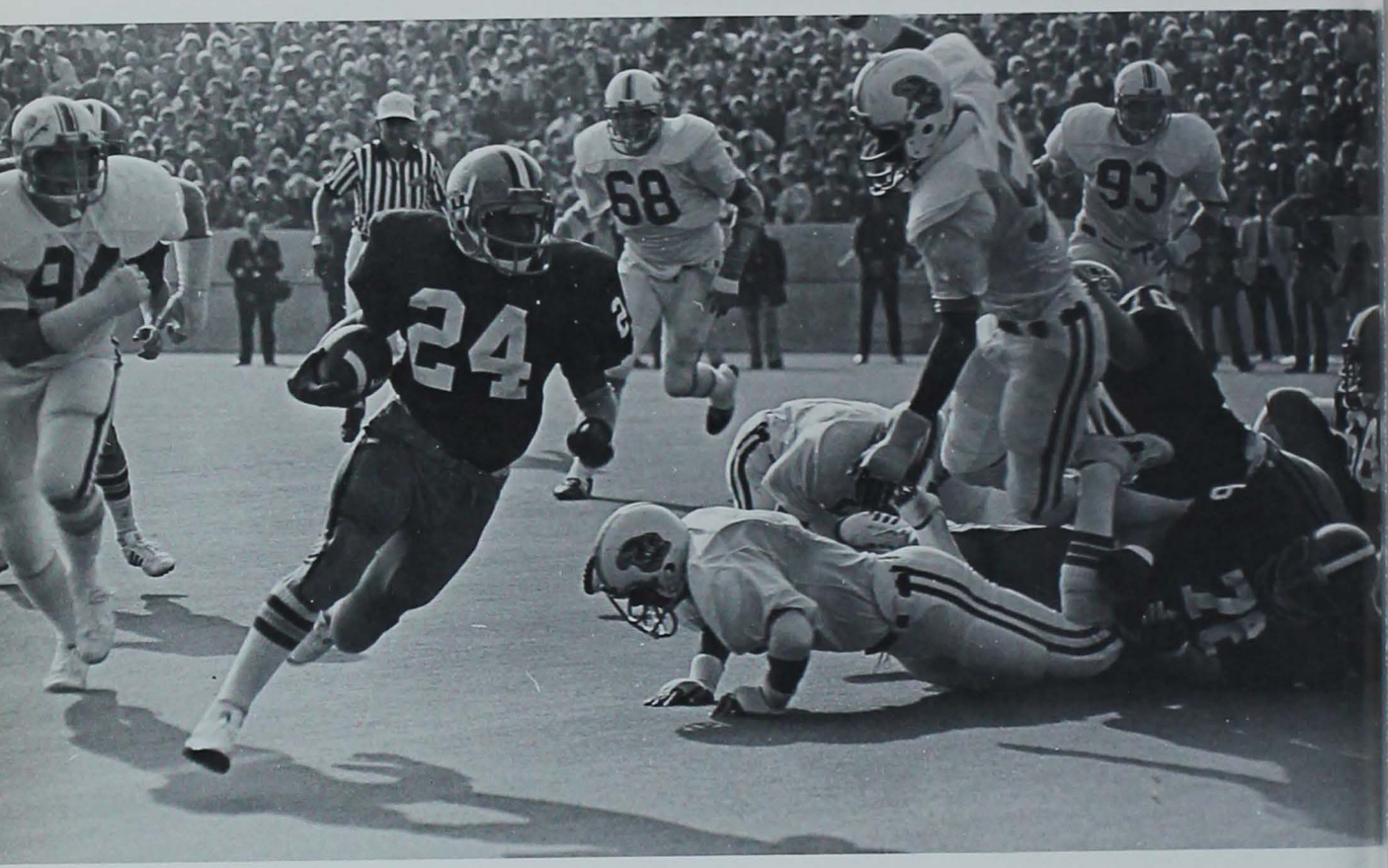
squirted free for a 63-yard touchdown sprint and a 7-0 lead.

Iowa recovered quickly and evened the count on the next series on a 77-yard run by Dennis Moseley. Iowa added a touchdown run by Jon Lazar while the Cyclones could only muster a field goal and the scoreless fourth quarter preserved the Hawks' slim margin. The defenses of both team were superb, but the Hawks, showed the most intensity by holding the Cyclones to 96 yards total offense.

With a 1-1 mark, the Cyclones headed for Bowling Green. It was a lackluster game but the Cyclones prevailed over the outmanned Ohio school, 35-21.

Safety Mike Schwartz turned in a

red, gold, and GREEN . . .





(Above) The Cyclone's premier running back Dexter Green hits the hole against Kansas. The game was Homecoming and Green put on quite a display, running for 148 yds. in 26 attempts, catching 3 passes for 18 yards and scoring three touchdowns.
Mike Glenn

(Left) Green in action against Iowa. The game turned out to be a defensive battle as Iowa State managed only 96 yds. total offense. Green was contained for less than 50 yds.
Bob Carson

(Right) Green pulls away from a Jayhawk tackler. Green typically ran against the grain, often for big gains and danced in the end zone after many of his fifteen regular season touchdowns. But in defense of his actions and all the praise that was piled on him, Green maintains, "I'm not cocky."
Jim Percival

dazzling 85-yard punt return for a touchdown. Green recovered from his weak showing at Iowa with 119 yards on 18 carries.

Afterwards Bruce offered a couple of prophetic statements about his club. "We can be a good team, but we will have to play great defense and be errorless offensively."

Looking ahead to the next game with Dayton, Bruce said, "This game will be no pushover."

Nothing could have been truer. Iowa State needed a second half come back to win 17-13. Green had an off day with only 45 yards and 23 attempts. Dayton led at the half 10-3.

Cal Cummins scored on an 18-yard screen pass to tie the count in the third quarter. A Tom Perticone interception gave the Cyclones the golden opportunity at the Dayton 29 in the fourth quarter and Green scored on a dive from the one for the winning points.

The Big Eight schedule opened with Missouri and the game developed in to a see-saw defensive battle. After three and a half periods the game was scoreless. Rick Blabolil punted 51-yards to the Tiger one-yard line and the Tigers couldn't get out of the hole. The forced punt was short and gave Iowa State possession on the twenty.

Bruce called an off-tackle play to Green and the 165-pounder hit the left side of the line, but was stopped. He spun off the tacklers, reversed his field and cut back down the right side for a 28-yard scoring scamper.

It was the only score of the game and Iowa State took a 7-0 Victory, the only shutout since the 48-0 defeat of Idaho in 1973.

The team traveled to Lincoln for the annual shootout with the Huskers. Nebraska was ready for revenge after the 38-28 defeat a year earlier and tallied quickly on a 59-yard run by I. M. Hipp.

Undaunted, Rubley guided the Cyclones 74 yards for the tying score. I. M. Hipp dashed 17 yards for another Nebraska score, soon after the Cyclones score.

Green knotted it again by darting for a 19-yard touchdown from a draw play. Then a Husker fumble turned into a 3-yard score by Cunnins. Shortly, another Nebraska fumble was converted into a 33-yard Scott Kollman field goal and Iowa State had a 24-14 lead.

Hipp scored a third touchdown on a seven yard run, but a scoreless fourth quarter sent the Cyclones home with a 24-21 triumph that made the record two in a row over Nebraska, the first time it had happened since 1959-60.

Green racked up 139 yards while Cummins gained 115 in the Cyclones finest hour. The victory pushed them into the Associated Press top 20 at number 16.



Defense . . .

No. 1 in Big-8



The Cyclones 5-1 mark didn't intimkdate Oklahoma and the Big Eight Champions strapped a 35-16 defeat on the visiting Cyclones.

Green got the Migration game off to a good start by "stormin" 44 yards for a touchdown on the team's second possession.

Oklahoma drove 71 yards in seven plays to tie it, but Iowa State added a safety for a 9-7 lead. A Sooner touchdown made it 14-9 at the half.

Iowa State came back out and took the lead on a 12-yard toss from Rubley to tight-end Guy Preston, that made it 16-14.

After that the roof fell in. Nose guard Ron McFarland suffered a knee injury that ended his career and the strong Sooner backfield swept three more scores to clinch the contest.

Homecoming arrived and so did Kansas, but the Cyclones thrilled the packed stadium with a 41-3 trouncing of the Jayhawks.

Kansas took a 3-0 edge but never threatened again as Iowa State converted a series of turnovers into touchdowns. Green accumulated 149 yards in 26 carries as the offensive hero of the game and Iowa State climbed back into the AP poll at 19th.

Three games remained and Iowa State was now in position for a bowl bid. A win over Colorado would secure it.

But for the fourteenth consecutive year, Colorado exercised its jinx over the Cyclones, prevailing 12-7. Iowa State played conservatively and couldn't dent the Big Buffalo defense while the Buffs used two field goals and a 42-yard run by Mike Kozlowski to build a 12-0 halftime lead.

Iowa State closed to within five but never mounted the momentum to win the game. The loss dropped the club to 6-3 and further clouded the bowl picture.

Lowly Kansas State lay ahead and Iowa State hung the 20th straight



(Opposite left) Ends Craig Volkens and Rick White force a fumble by Dayton quarterback B.J. Dailey
Jim Percival

(Left top) Volkens heads off a Jayhawk runningback in the Kansas backfield.
Mike Glenn

(Middle) White rushes to grab a bobbled handoff.
Jim Percival

(Bottom) Two sacks by Mike Stensrud put Missouri's punter on the endzonde stripe. Mark Settle nearly blocked it but it went only to the Tiger 40 yard line and set up the Cyclones' winning touchdown.
Kerry Gibson





league loss on the Wildcats, 22-15. It was an uninspired victory but it counted nonetheless and kept the bowl fires burning in Ames.

Green again led the way with 135 yards as the ball-control attack kept Kansas State at bay throughout the afternoon.

With only Oklahoma State left on the schedule, Iowa State could certify itself as a bonafide bowl team with a victory. The year before the Cowboys knocked the Cyclones out a bowl spot with a 42-21 win.

Iowa State wasn't to be denied this time though. Green outran Heisman Trophy candidate, Terry Miller 176 yards to 155 and helped the team to a 21-13 victory.

The defense stymied Miller and the Cowboy passing attack to build a 14-0 lead at intermission. The issue was never in doubt in the second half as Miller found tough going at every point of attack.

After an anxious wait, the Peach Bowl notified Iowa State that it would be traveling to Atlanta to face North Carolina State on New Year's Eve.

Playing in that game will be five all-Big Eight performers. Green was named for a second time after his second consecutive 1,000-yard season, with a total of 1,240 yards and 15 touchdowns.

Defensive tackles Mike Stensrud and Tom Randall were picked for their hard hitting records of 101 and 119 tackles respectively. Defensive back Kevin Hart was also picked for the three interceptions to his name.

Rick Blabolil, the punter, was the league leading punter with a 41.6 yard average.

and Peaches!

24-14 Loss



The battle for the Peaches. The duel between Green and Brown, Bruce and Rein. But for Iowa State the peaches were sour.

After another great 8-3 season, Iowa State seemed assured of a bowl bid. Yet late on November 20, it looked as though the Cyclones were to be left out again. And then the call came from Atlanta. ISU would meet North Carolina State in the Peach Bowl; not one of the biggest bowls but a chance at least to show that Cyclone football is for real.

The team departed for Georgia and warmer temperatures December 23 and made the final preparations for the game at Georgia Tech's field. It was the first contact work in over a month.

There were several things at stake in the game besides the victory. First, there was the duel between ISU's Dexter Green and the Wolfpack's Ted Brown for the rushing crown. Brown was ranked 16th nationally with 1251 yards and Green was 17th with 1240 yards for the regular season. Both were small for running backs and both had an "against the grain" style of running. And they both faced tough defense. ISU's defense, number one in the Big Eight, yielded only 154 points while the Wolfpack defenders allowed just 167 points.

There was also the duel between teacher and pupil. Cyclone head coach Earle Bruce and N.C. State's Bo Rein knew each other before this meeting. Bruce had coached Rein at Ohio State when Bruce was an assistant there and Rein a student. Rein later joined the Ohio State staff and coached with Bruce. Both coaches carry the definite Ohio State-Woody Hayes influence in their game strategies.

The Wolfpack was no stranger to bowl games, having played in seven prior to the Peach Bowl. Their record was 3 wins, 3 losses and 1 tie. Iowa State on the other hand, had had little bowl experience. The team went to the Sun Bowl in 1971 and the Liberty Bowl in 1972 both times under head Coach Johnny Majors. The Cyclones dropped both contests.

And so it was, on December 31st in Atlanta Stadium that the '78 Peach Bowl took place before a small crowd of 36,733. For some reason there were about 9,000 no shows, but Iowa State surprised Peach Bowl officials with a turnout of 12,000.

The game started with ISU kicking off to the Wolfpack. N.C. State's quarterback, Johnny Evans took over and started what he did for the rest of the afternoon. He took the Cyclone defense apart. The first two plays, Evans came out passing, something that Bruce's Cyclones had not expected. That put the ball on the ISU seven yard line. Two runs got the ball to the one but Iowa State's defense rose like a brick wall and stopped Evans on a fourth down sneak at the one foot line. It seemed like the Cyclones would then come back and score easily and begin a rout as they have done to several opponents this past season. But disaster lay ahead.

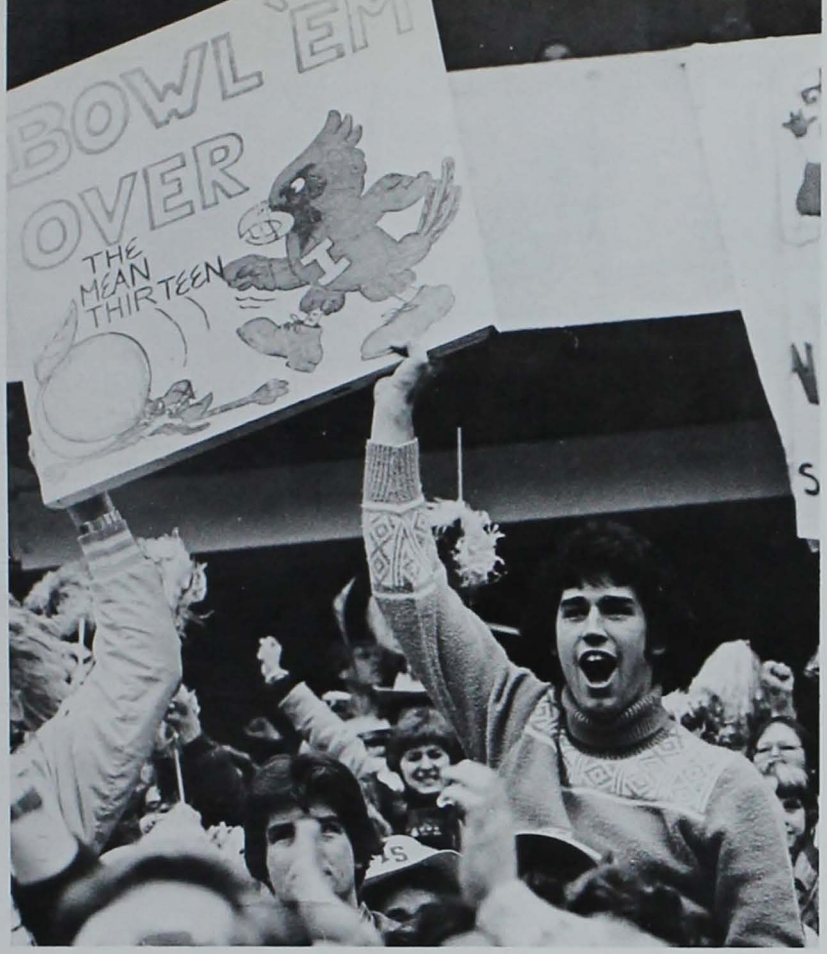
Quarterback Terry Rubley marched the team down the field to within scoring range. Then a snap from center was bobbled and suddenly ISU's scoring chance was gone and the Wolfpack had the ball again. Then came the play that started it for Evans and was the beginning of the end for ISU.

On the first play of the series, Evans dropped back and cut loose with a bomb; a 77-yard pass play to his receiver Randy Hall. The ISU defense got caught and N.C. State had 7 on the board. Still, the ISU fans both at home and in Atlanta just waited for the Cyclones to get warmed up and put it to the Wolfpack.

After several exchanges of the ball after short drives, Evans again hit it with a 9-yard toss to Brown. That made it 14-0.

But Evans wasn't through yet. Late in the second quarter, he rolled out around left end, got several blocks and took off on a 32-yard touchdown run. Time expired in the first half and the score was 21-0, N.C. State.

Halftime passed slowly, at least for those watching it on television. The Mizlou Sports Network carried the game and it seemed that they were more interested in the commentators than the game. Little was seen of either band at halftime because commentators and various coaches handed each other awards and pats on the back. The actual game was interupted by interviews too





(Above left) This was the view that some ISU fans had high up in Atlanta Stadium.

(Top) Cyclone fans were out in force, all 12,000 of them, waving flags banners and signs.

(Bottom) Dexter Green gets run out of bounds in the midst of cheerleaders and TV camera crew.
Murray Lee

and the cameramen were not always on the ball. In the first half, the Cyclones faked a punt but all the TV viewer saw was the N.C. State punt returners standing there with their mouths open. The coverage was no substitute for the real thing, either in viewing the game or in Iowa State spirit.

The second half saw a change in the Cyclone lineup. Freshman quarterback John Quinn replaced Rubley and hope ran high that the change would put some points on the board. But the third quarter ended without a score and time began to run out on the Cyclones.

With 11 minutes left in the game, Quinn rolled out on fourth down for a touchdown. A 19-yard punt return by Tom Buck and a face mask penalty set up the play.

But the Wolfpack came right back with a halfback pass from Brown to Elijah Marshall and a 47-yard run by Evans to put the ball on the Cyclone eight. Two penalties against the Pack put the ball back though and they had to settle for three on a 42-yard field goal.

With the game almost out of reach, the Cyclones charged 68 yards in seven plays to get what was their final touchdown of the day. Quinn hit Greg Meckstroth on a ten yard pass play. With the score 24-14 the Cyclones tried an onside kick and recovered it but officials ruled that one of ISU players had touched it before it had gone the required ten yards.

N.C. State took the play for three plays and Evans, who also did the punting with an average of 44.6 yards kicked it away.

The Cyclones took a last desperate chance at tying the score but had their hopes shattered when Quinn's pass was intercepted. For the third time in as many tries, Iowa State had come away without a bowl victory.

At least one victory was won though as Dexter Green took the rushing crown. Green netted 172 yards in 29 tries compared to Brown's 114 yards in 25 attempts.

But those who had made the trip to Atlanta did not forsake their team because of an unfortunate loss. Even as the team left the field cries of "Next year Miami" and "On to the Orange Bowl" came from the emptying stands. ISU had picked up bowl fever in the warm weather of Atlanta and fans will be looking for another trip down south.


CYCLONES
I S U

Winter

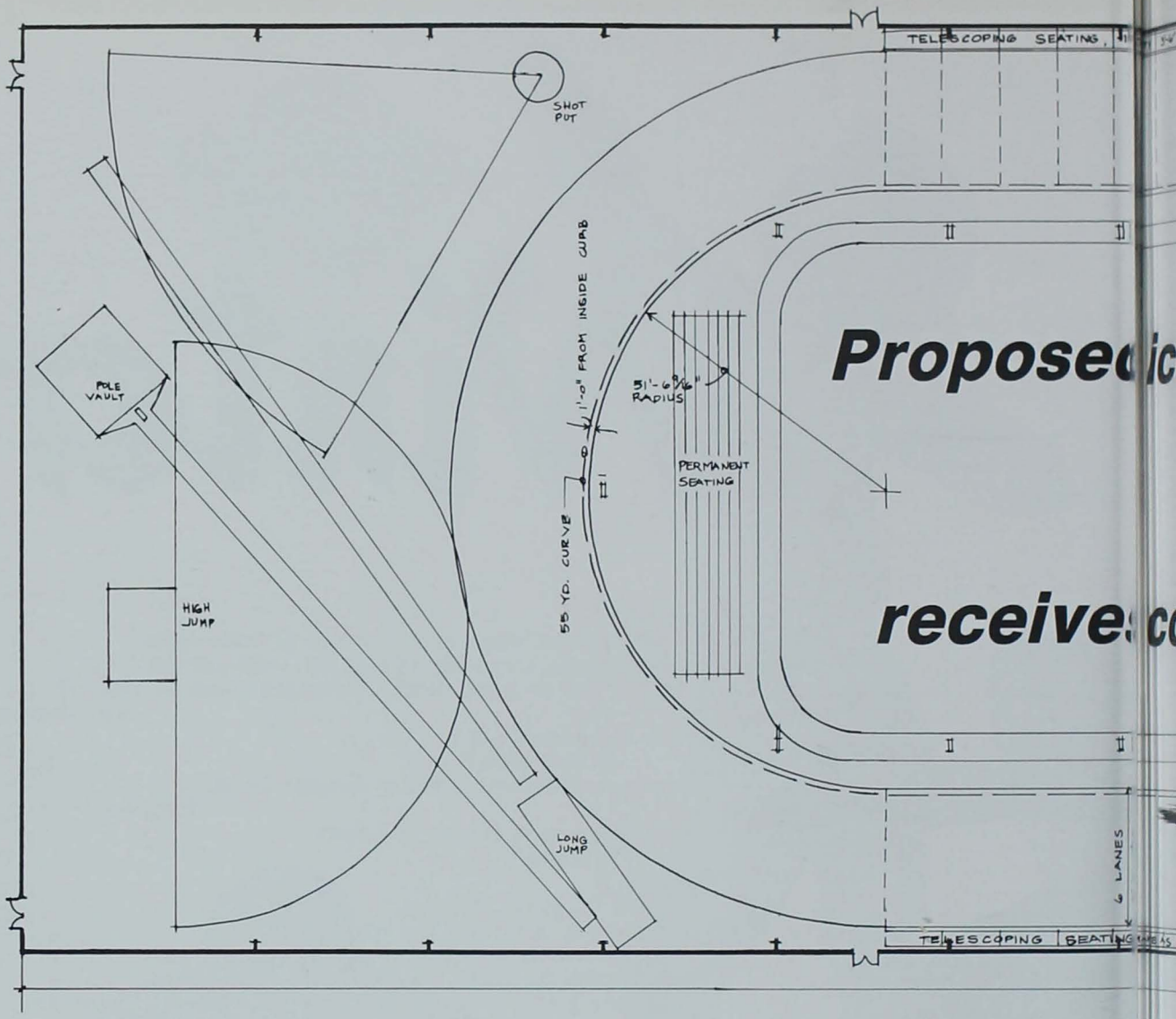


To winter . . .
the cycle has come to an end only to begin again.
Seasons change, smiles slip silently into snow and sleet
drifting into darkened depths of thoughts saved for coldness
and aloneness.

Teams and players begin
as does winter
braving weather and winds to compete for us,
for them;
lights go on in Hilton, fans cheer,
basketball.
they love it
Uthoff, Burgason, Hodgson,
up, down, in through the hoop, off the rim
a victory over Iowa (ah, sweet Cyclone revenge)
Tension builds for teams, together,
yet seems greater as one wrestler and his opponent hit the mat,
all eyes upon him
Santana, Land, Nielsen,
reverse, point, pin, score . . . win.
Such strength has been building with months of workouts
push, pull, give your all.
Gymnasts have their chance now, their season's come at last.
bars, rings, beams . . . it all has a purpose now,
Maloney, Austin, Lary,
It's their turn to perform, to face the crowds.
Winter's cold turns snow to ice, Hilton to hockey,
a wooden floor to a frozen arena where only the brave roam,
Swanson, Elder, Brandt
slice the ice, free the puck
tomorrow no one can tell
because the ice will melt
splashing medals and ribbons from the pool for
Jones, MacBride, Waterstreet,
medley, freestyle, butterfly,
off the blocks first, turn, water rushing in, hit the wall . . .
the end.

seasons, change
smiles slip silently . . .
the end.

Beth Jasper



When the Cyclone Area Community Center came off the drawing boards, local hockey and track teams obviously were excited about the idea of the idea of the combined ice rink and indoor track facilities. But the ISU basketball and wrestling teams are also pushing for an early construction date even though they will never use the building.

What began as talk among concerned citizens in 1971 has culminated into an 8-month fund drive that has produced $125,000 toward the total $1.2 million pricetag of the proposed facilities.

Present plans call for the new center to be located along the south side of Mortenson Road between the ISU Dairy Farm and the former site of the Ames Golf and Country Club.

The land belongs to ISU but the University has indicated its willingness to lease the land to the city on a long term basis.

If the track is included, the building itself will measure 325 ft. by 150 ft. Without the track those dimensions shrink to 250 ft. by 125 ft. The existence of the track depends on the success of the fund-raising campaign. Simply stated, if the funds fall short, the track will be the first item to be dropped from the plans.

Estimates of the cost of a track and field area that would surround the ice rink are between $250,000 and $300,000. This substantial portion of the total looms even larger when you consider that most of the donations to the center so far have been designated to toward the ice facilities.

The reasoning is that joggers and other runners who would profit from the track are young and lack the finances to back the project. Without large, unrestricted donations the track side of the facility appears to be in danger.

Currently the only running jogging facilities in Ames are located in the ISU State Gym which is showing many signs of overuse. A survey by the Intramural office last fall showed the gym gave space to nearly 18,000 joggers as well as crowding baseball, basketball and track practices during the prime jogging hours of 3-6 p.m.

Even so a recreational center is not high on the university's list of building priorities. This for college and high school track teams to look forward to the completion of a new outdoor track next fall and those masses of joggers to hope



cerink-indoor track

ommunity support

for large donations to the Community Center.

But as far as the Community Center goes the ice come first. The plans to lay down the ice from mid-October to mid-March would be invaluable in easing the conflict between those using the ice in the Hilton Coliseum and the ISU basketball and wrestling teams.

In the past the basketball team has been forced into State Gym and the wrestling team into meets in the armory because ice for hockey, intramurals and skating covered the floor of the coliseum.

The added ice space of the new Community Center would also give the hockey team an alternative to practices and home meets in Des Moines.

But current plans are designed so that the three different areas ice, track and field, can be used simultaneoulsy. When these facilities are not in use the building would be available for dog shows, auto shows, dances, and other indoor events.

There would be user fees for both the track and the ice. Details of fee arrangements; have yet to be worked out but estimates run around $20 a year for the rink and $15 a year for the track. The difference comes from the tremendous maintenence cost of the ice that includes a semi-trailer sized refrigeraztion unit outside of the building.

If the facility and its triple facets do come about, one of the prime problems would be sheduling not only community time in the building but the various schools and clubs who wish to use it as well.

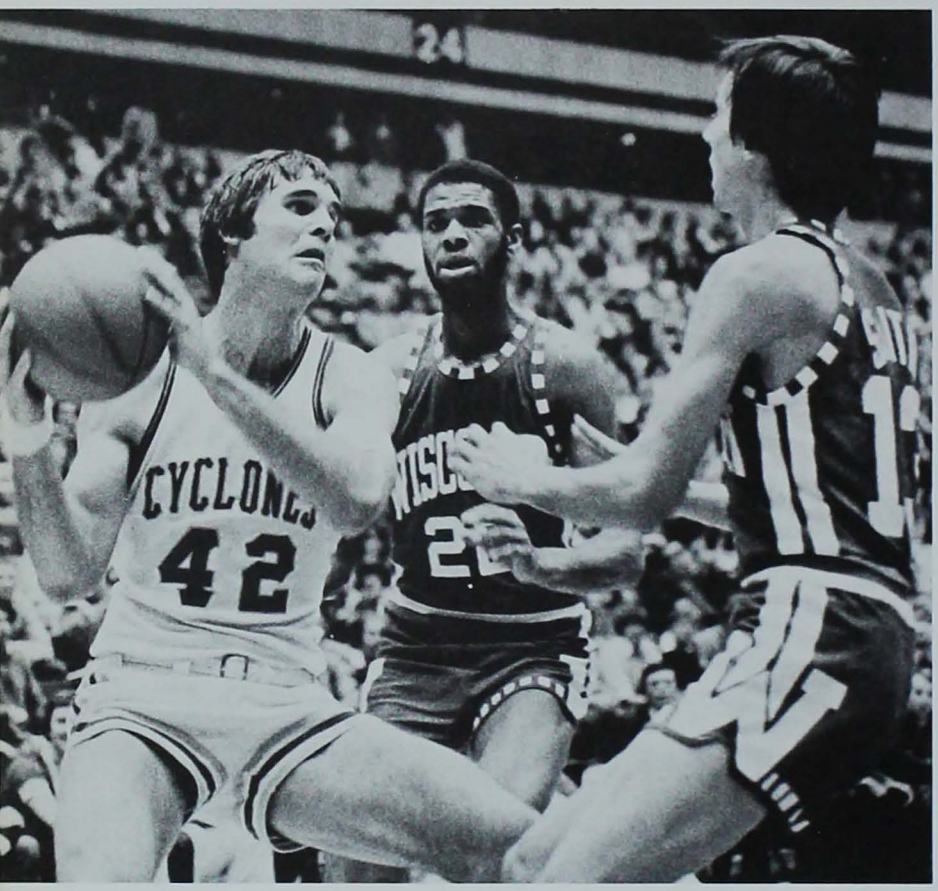
That responsibility tentatively falls to the city's parks and recreation department but a legal question remains as to whether the city can accept a building that is not debt free.

Right now the construction of the building is based on five-year pledges with plans to take stock of those donations in January as a prelude to construction.

If that construction is to commence the Community Center Steering Committee will have to convince the people of Ames that the proposed facility is worth the money.

That hurdle doesn't seem so difficult when you consider the breadth and commitment of those pushing the project.

Cyclone cagers



A shot at being number one. Who would have thought that possible just two years ago the Cyclone cage team went 3-24. But this year, after a slow start, Coach Lynn Nance's Cyclones went unbeaten for five consecutive Big Eight games and threatened number one Kansas until the Jayhawks handed ISU an 82-100 loss in Hilton Coliseum.

The cagers got the season off with a win over the Cuban Olympic team in a game which served as a final preparation for the regular season.

The first game of the regular season was against state rival, Iowa. ISU rolled out to a 10 point lead at the half and held onto it for a tight 79-78 victory.

Iowa State then see-sawed for awhile; the team lost to Arizona and Tennessee in the Sun Devil Classic. They beat the University of Nebraska, Omaha, then lost to Drake. They won over Wisconsin and then dropped two on the road to California-Berkley and San Jose State. The team then came home for a short rest up for the Big Eight Holiday Tournament, in Kansas City.

The first round of the tourney pitted the Cyclones against Oklahoma. Iowa State dropped that contest in a heartbreaking overtime, 69-74. The next game was also a loss, this time at the hands of Missouri, 62-66.

But the Cyclones came back against Colorado to end the four game losing streak, winning 83-79. It was this game





(Above left) Senior forward Steve Burgason gets hemmed in by two Wisconsin opponents.
Jim Percival
(Far left) Freshman starter, Charles Harris led the Big Eight in assists from his guard position.
Jim Percival
(Left) Uthoff pops off a shot against Big Eight leader, Kansas. Throughout the season, Uthoff was among the team's top three scorers.
Kerry Gibson
(Right) The Cyclone's top scorer, Andrew Parker drives against Drake. For 21 games, Parker had an average of 22.2 points per game and set a new career high against Colorado with 33.
Jim Percival
(Far right) Chuck Harmison and Parker try to block the Jayhawks Valentine as Uthoff, Jon Ness and Carlton Evans look on.
Kerry Gibson

that the Cyclone's leading scorer, Andrew Parker hit a new career scoring mark with 33 points. The game was also the start of a new season for the Cyclones.

The Cyclones defeated Drake and avenged the earlier loss. A near capacity crowd watched they Cyclones shoot past the Bulldogs 74-71 and Parker continued his hot scoring streak with 31 points in the contest.

On January 8, the Cyclones hosted Colorado in the opening contest of the Big Eight conference television series. Nance's team arose to the occasion and easily defeated the Buffs 84-64.

In the best conference start since 1972, Iowa State kept a full head of steam and added two more conference foes to their list of victories. They beat Kansas State 82-77 and then surprised Nebraska in Lincoln by a score of 65-50 before a record crowd of 14,700. The Cyclones found themselves sitting in sole possession of second place with a shot a Kansas on the home floor of Hilton.

The Kansas game brought publicity to a team that two years earlier had had an ever-dwindling following. Signs around Ames and in the *Daily* read "Beat Kansas." ISU found out it had a fine basketball team in addition to the fine football, wrestling and gymnastics teams.

The nationally tenth-ranked Jayhawks came and played for a full house but even the crowd of 12,200 couldn't get the Cyclones past Kansas. The Jayhawks jumped out to a 13-point lead for much of the second half and when the final buzzer sounded, Kansas was on top 82-100.

Nance's cagers weren't to be denied though and they went to Oklahoma to win and win they did. Oklahoma State fell first, 59-53. Then Oklahoma put up another overtime effort but this time the Cyclones emerged with a two-point edge, 78-76.

Missouri also fell to the red hot Cyclones, the sixth conference foe to taste defeat at the hands of Nance's amazing team.

Then the head of steam ran out. First a loss to Kansas State in Manhattan as the Wildcats upset the Cyclones much the same way they had upset Nebraska in the Big Eight Tournament.

The Huskers came to Hilton with a 5-2 record to challenge the 6-1 Cyclones for second place in the conference. Before a crowd of 13,000, the Huskers lead for most of the game. With seven minutes left in the game they went into a stall and ISU was able to pull within six with about two minutes left, but failed to get closer and lost 56-62. As throughout the season, the Cyclones were plagued by a poor showing at the charity stripe, hitting only 40 percent of the freethrows.

In the third meeting with Colorado the thin air and Buff revenge proved too much and the Cyclones dropped the game 64-70.

With wins at home over Oklahoma state and Oklahoma, and despite another loss to Kansas, ISU was assured a home playoff berth, even with a game left against Missouri. The season not including the Missouri game was the best conference showing by a Cyclone team snce 1969.

At this writing it was not known how the Cyclones would fair in the Big Eight Tournament.

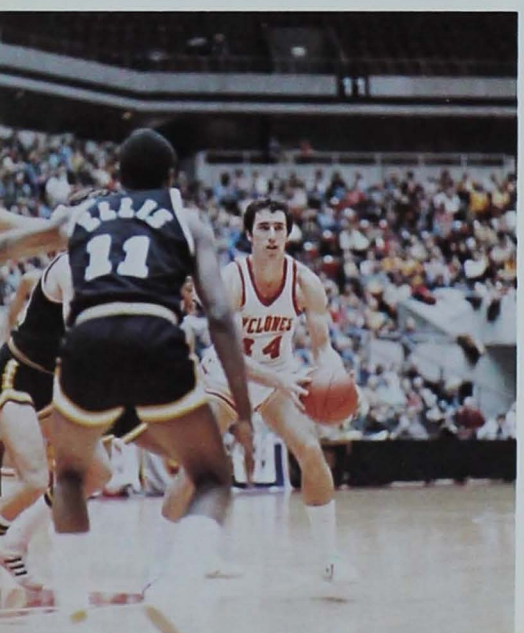


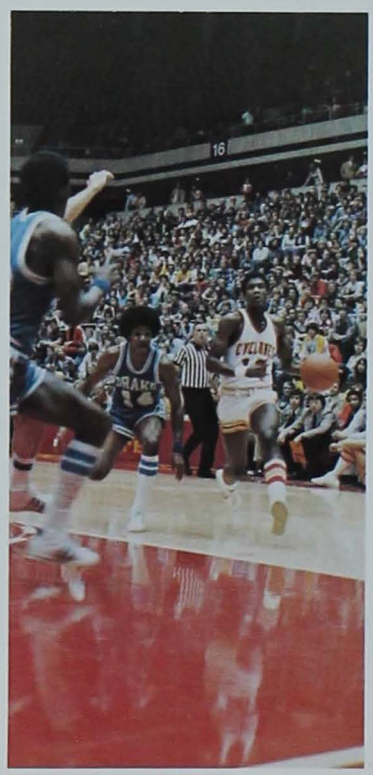


A shot at the Big-8 title





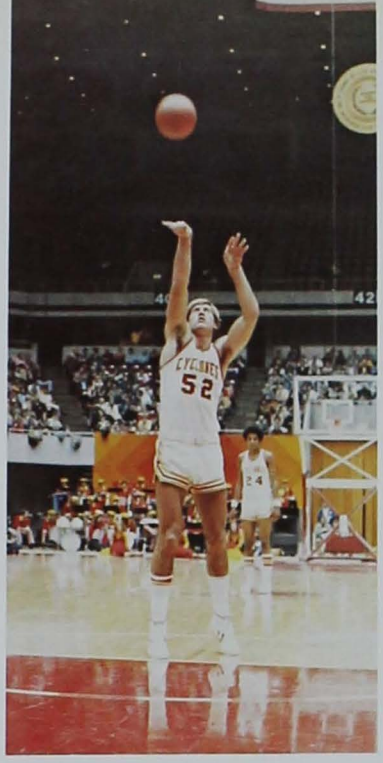




(Clockwise from left) Cyclone's number one assist man Charles Harris on a drive. Transfer Bob Fowler at guard. Top rebounder Dean Uthoff pumps from the baseline. Leading scorer Andrew Parker with a 40 ft. jumper on a breakaway. Head Coach Lynn Nance hits the court to complain. Point guard Carlton Evans hits from the top of the key.

Photos by John Riches and Jim Percival











(Clockwise from top center) Uthoff at the line for one of the many fouls he draws at the boards. Assistant coach Rick Samuels, Nance and the rest of the Iowa State bench. Parker, Evans and the Uthoff exchange congratulations on their victory over Drake.
Photos by John Riches and Jim Percival

Two crack 1,000 pt. mark

Senior forward Pat Hodgson became Iowa State's first woman basketball player to reach 1,000 points with 27 points in a game against Missouri. The Cyclones however, lost the game 83-59. "I'm finally glad I got it over with," Hodgson said, "now I can go on to bigger and better things."

Colleen Peterson, 5-7 guard, became the second woman in ISU basketball history to surpass the 1,000 point mark in the Kansas game.

The Cyclones added four games in Hilton Coliseum. They played host to Minnesota, Drake, Tarkio and Central Missouri, winning 77-60 over Central Missouri.

"We really like to play in Hilton," Coach Lynn Wheeler said. "We seem to play better there."

The Cyclones opened their 1977-78 season with a second place finish in the William Penn tip-off tournament. ISU beat Mount Mercy in the first round, 74-58, but lost to Penn in the finals, 66-50. Pat Hodgson was named to the All-Tournament team.

Karen Weise was instrumental in the team's victory over Southwest Missouri State. The 6-0 freshman center came off the bench to score 19 points in the second half and spurred the 74-76 victory. The following night against Drake, Weise scored 18 points however, ISU lost 86-72.

Iowa State was 5-5 going into the Big 8 tournament in Lawerence, Kansas. They defeated Oklahoma State, but lost to Kansas and Nebraska. The Cyclones placed sixth in the tournament. Missouri beat Kansas in the championship game, 84-71.

Kansas State defeated ISU, 66-64 in overtime. Karen Weise, led the scoring attack with 18 points. The team traveled to Maryville, Missouri the following night and outscored the Bearcats, 76-70.

Iowa State dipped below the 500 level as it closed its season of regular play with a loss to Nebraska. Cold shooting plaqued the Cyclones. "We play really good defense, but our shooting has been cold," Wheeler said.









(Below) Carol Ruby, 5-6 guard, brings the ball down court for the play. (Below Center) Pat Hodgson puts the ball up. London Reile and Karen Wiese wait for the score. (Below Far Left) Coach Wheeler talks over team strategy during a time out. (Far Left) Pat Hodgson pumps in another one. Hodgson broke the 1,000 pt. scoring mark. (Left) Colleen Peterson scores on this jump shot. Peterson also surpassed the 1,000 point mark.





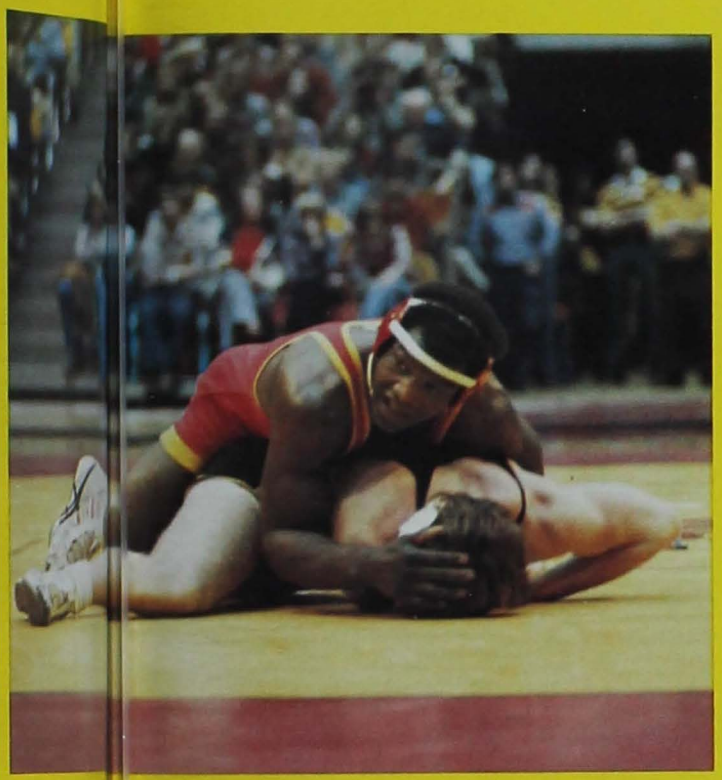
Cyclones: The

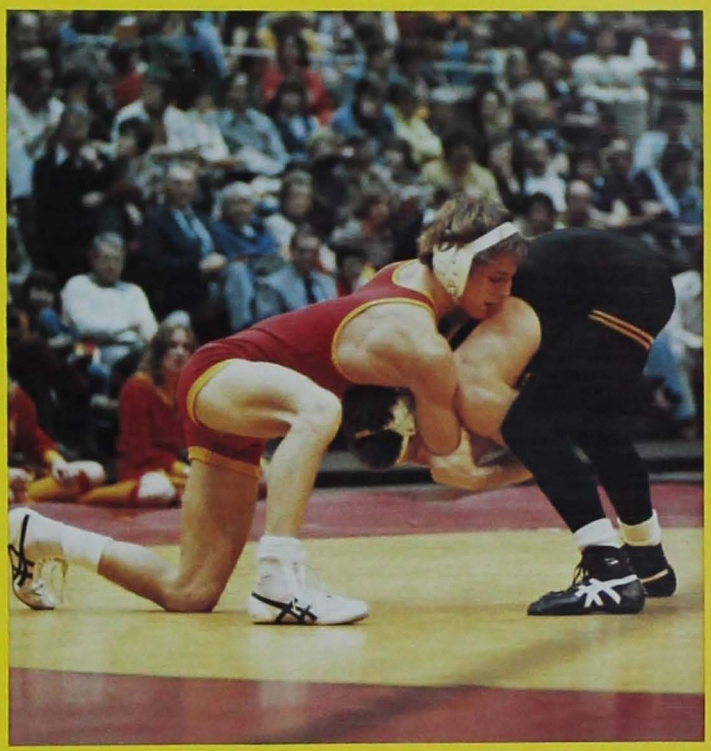


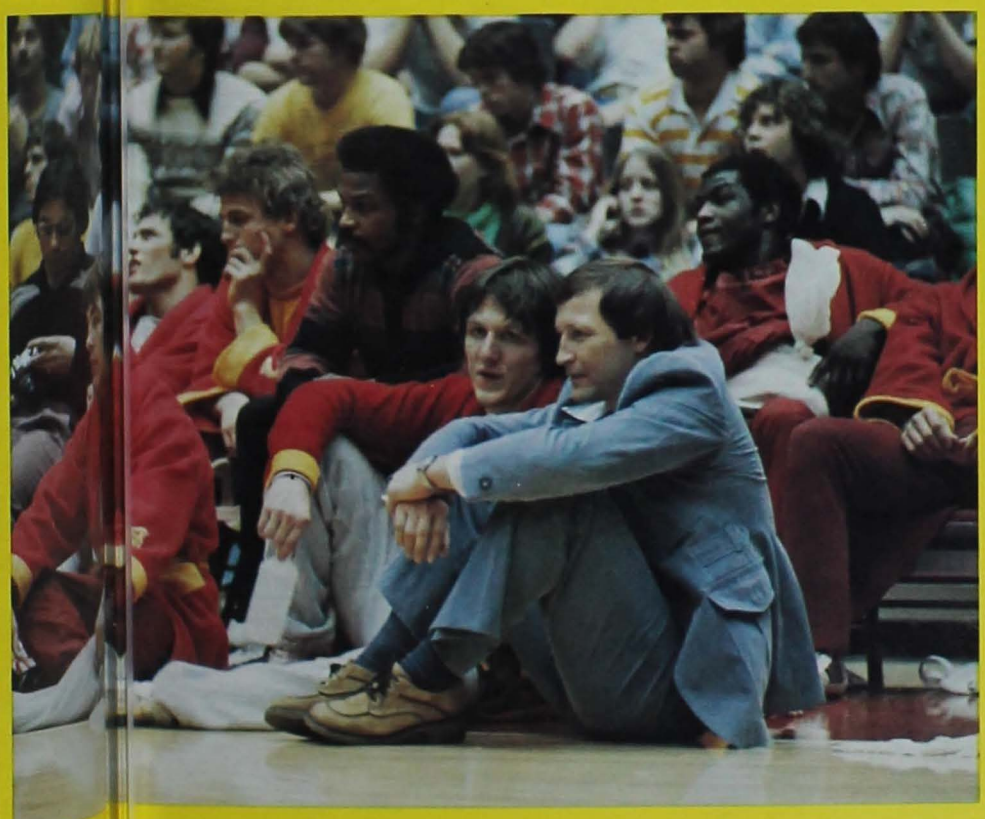




The National Champions









(Far left) The Coach: Harold Nichols has directed Iowa State to six NCAA wrestling crowns. (Upper left) Charlie Gadson checks the time left before his victory at 177 lbs. (Top) Mark Warner, 134 lbs., bears down on Hawkeye Steve Hunte. (Above) The final story of the Iowa meet. (Left) Wrestlers Land, Warner, Zuspann, Heller, Assistant Coach Dale Bahr, and Charlie Gadson relax after defending NCAA champ Frank Santana assured the win with a decision over Iowa's Bud Palmer.
All photos by Kerry Gibson



(Left) Charlie Gadson, 177 pounder works over a Nebraska opponent. Gadson had a record of 30-3 for the season up to the second meeting with Iowa.
Jim Percival
(Right) Defending NCAA champ Frank Santana drives for the fall against Nebraska. He was 22-1 through the Iowa match.
Jim Percival
(Right middle) Don Finnegan just seconds away from a pin. Finnegan and Mike Gibbons traded off the 118 pound position throughout the season.
Jim Percival
(Right bottom) Mike Land receives congratulations from Coach Harold Nichols and teammates. Land went undefeated in 36 matches.
Jim Percival

The three way-battle for 1st goes on

It had become a well know fact that there were only three major wrestling teams in contention for the number one spot in the nation. Iowa, Oklahoma State and defending NCAA champion Iowa State. As usual they exchanged wins over each other leaving the title in question until the NCAA meet, this year in College Park, Maryland.

Iowa and Iowa State tangled twice and each came away with a victory at home. January 7, the Hawkeyes invaded Hilton Coliseum and lost 18-16 in a hard fought meet. The Hawks took the lighter weights except for 126 as Mike Land decision Randy Lewis. The turning point of the meet came when freshman, Charlie Heller drew with former NCAA third placer, Mike DeAnna. From that point, wins by Charlie Gadson and Frank Santana wrapped up the victory and gave first place to the Cyclones.

The Oklahoma State Cowboys took their shot next in Hilton and walked away with a victory. Iowa State wrestled without regular 142 pounder, Randy Neilsen, replacing him with Ernie Krist. Krist lost a tough match 11-7 and gave up the possibility of a redshirt year.

Mike Land extended his winning streak to 31 straight with a 25-8 superior decision over Don Duell. Other winners were Joe Zuspann, Kelly Ward and Charlie Gadson. Heller pulled off another draw, this time against former NCAA 150 pound third place finisher Paul Martin. The turning point of the meet came late in the third period of the 190 pound match. Eric Wais took down defending NCAA champ, Frank Santana, and won the match by a decision. The heavyweight match went to two-time NCAA champ Jimmy Jackson as he pinned ISU's Tom Walden after three minutes and 12 seconds. Jackson threw his headgear at the end of the match and lost a penalty point from the team score. But the one point didn't make much difference as the Cowboys won 20-18.

While Iowa State wrestled Big Ten opponents Michigan, Michigan State and Ohio State, Iowa handed OSU a defeat and the first place crown came back to Iowa. It also set the stage for the rematch in Iowa City for undisputed first place.

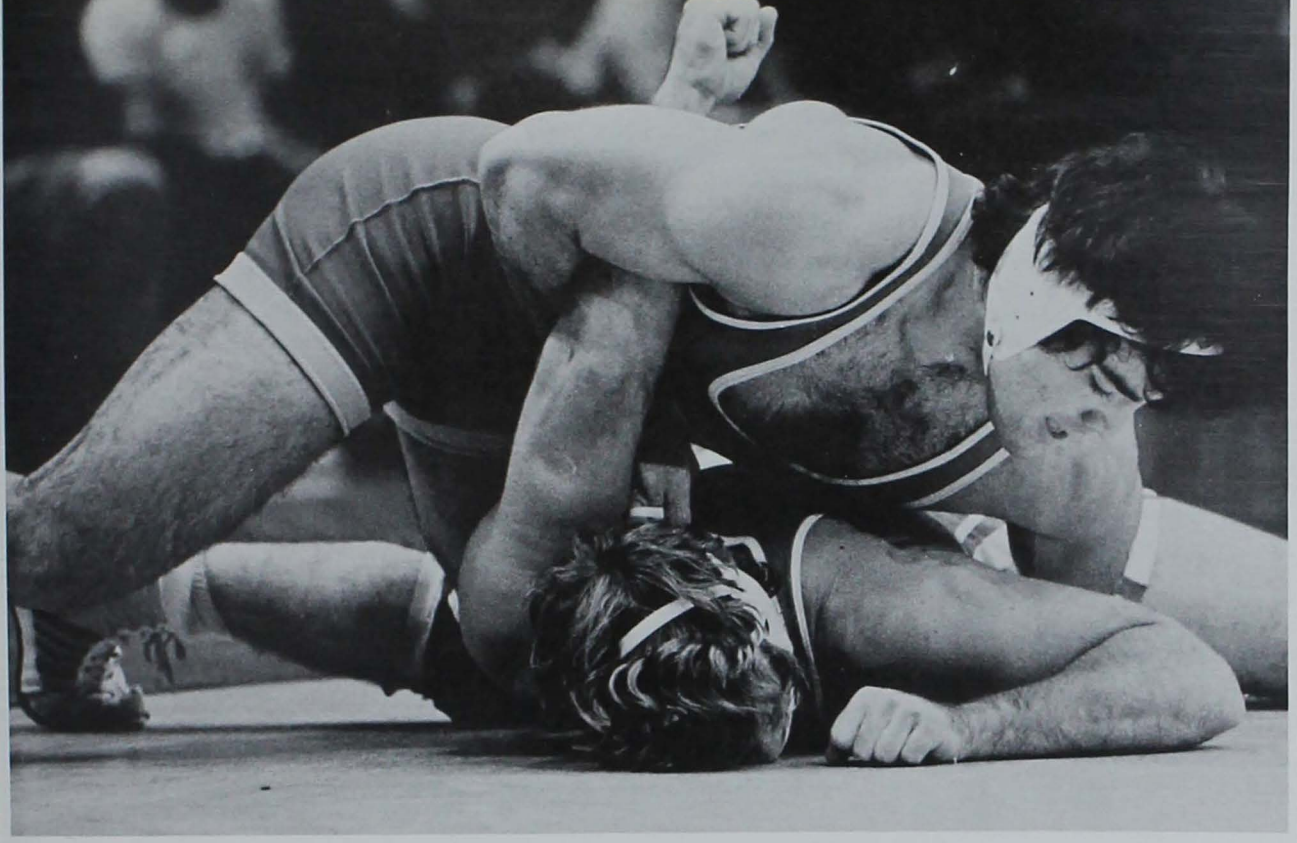
ISU went to Iowa City with weakness in key areas. Earlier in the week Santana had hurt an elbow in practice. Another blow came when Heller failed to make weight. The result was a juggled lineup with Mark Brown taking Heller's spot at 167. Rick Bickert was moved into 177 and Gadson was switched from 177 to 190 in Santana's spot.

Iowa got off to a fast start with a 10-0 superior decision by Dan Glenn over Cyclone Jim Gibbons. Land picked up his 36th straight dual win with a 12-9 decision over Randy Lewis. Steve Hunte came up with a big pin on mark Warner and gave the Hawks a 10-3 lead. In the first meet, Warner gave Hunte quite a battle and Hunte scored only a decision. Randy Nielsen decisioned Scott Trizzino to make the score 10-6. But then came the surprise of the night as Bruce Kinseth upset Joe Zuspann at 150.

Iowa State came back with a win by Kelly Ward, 12-8 over Mark Stevenson but replacement Mark Brown could do little against the Hawk's DeAnna. DeAnna won 26-9 for a major superior decision which gave the Hawks an 18-9 lead.

Bickert made a fine showing for a superior decision but then the Hawks clinched the meet. Wrestling up a weight proved too much for Gadson and he lost a very tough match 10-7 to Bud Palmer. Iowa's heavyweight, John Bowlsby finished the meet with a 9-3 win over Tom Walden. The win game Iowa coach Dan Gable his first win over his old coach, Harold Nichols.

Marking only two losses, Iowa State had started the season with a string of impressive wins. Drake fell 41-0, Missouri 25-11, Nebraska 51-0, California 41-6 Washington, 43-0, Oregon State 24-12 and Oregon 36-3. Other wins came over Lehigh, 4th ranked



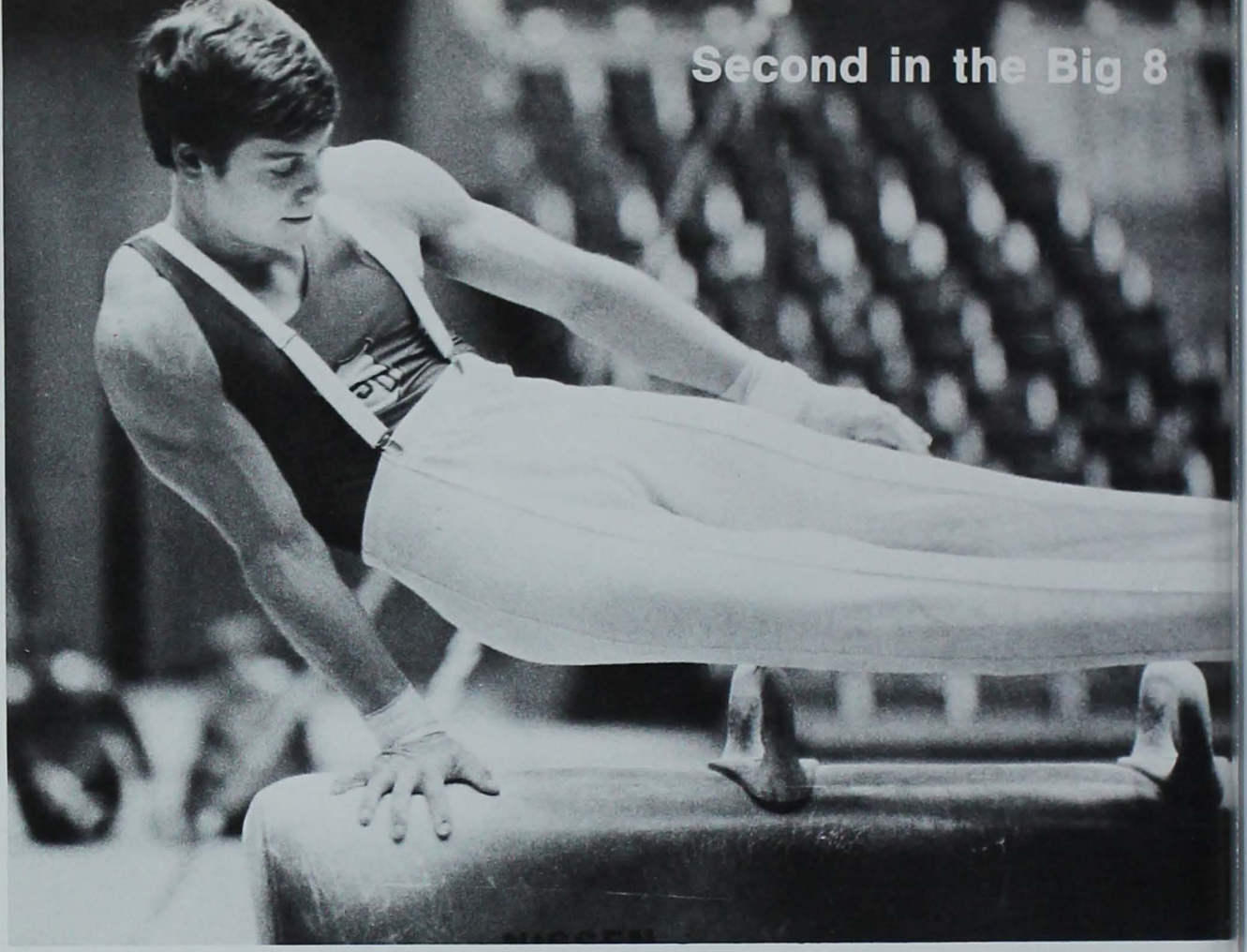
Wisconsin 23-9, Minnesota 29-8, Michigan 37-6 and Michigan State 41-3. Ohio State also fell before the Cyclones dropped the Meet to Iowa.

The team will finish out the season at Colorado and Cal-Poly before going to the Big Eight Championships in Stillwater, Oklahoma in March. After that, the team will have one last dual with Mankao State to prepare for the NCAA Championships. In April, the Cyclones will host the NAAU Open Championships.





Second in the Big 8



(Above) Freshman Doug Smidl became a regular for the team in all-around competition.
Jim Percival

The major goal of the '78 gymnastics team was to recapture the Big Eight and National titles.

Last season the Cyclones finished second to Oklahoma in the Big Eight after they had posted a perfect record of 11-0 in dual meets. At the NCAA meet, ISU placed ninth as its highest finisher, Doug Wood repeated as rings champion.

The Cyclones held their annual intrasquad meet early in October as the final preparation for the season opener against Big Eight rival, Nebraska. Head Coach Ed Gagnier had a host of returning lettermen plus a group of talented freshmen. Returning were Bill Bosslet, team captain, Mark Trippel, all-arounders Curt Austin, Scott Evans and Stacy Maloney.

The Cyclones began their title bid with a win over Nebraska in the home confines of Hilton Coliseum. It was the fourth dual victory in a row over the Huskers as ISU won all three meetings last year.

The Cyclones then traveled to Lawrence, Kansas for the Big Eight Invitational and took the team title. They defeated NCAA co-champion Oklahoma in the process.

The Windy City Invitational team title also fell to the Cyclones and a week later ISU returned to Chicago for the prestigious Midwest Championships. Three Cyclones took first places as Stacy Maloney won the all-around, Curt Austin the floor exercise and Mark Trippel the vaulting. Over 600 athletes took part in the meet including many Olympic performers.

Iowa State hit a season high to that point against Wisconsin with a 218.55.

After a defense of the team title in the Rocky Mountain Open, over a field of 15 teams, the National Association of Collegiate Gymnastics Coaches ranked the Cyclones in first place followed by Oklahoma. Mark Trippel who defended his individual title in the vault at the Rocky Mountain meet was also listed as a national leader.

Wins over Minnesota and Indiana

State brought the Cyclones to Norman to face the Sooners. With all-around performer Stacy Maloney suffering from the flu, and some bad breaks, the Cyclones lacked just half a point to win. Bart Conner of the Sooners led the way by taking firsts in two events and capturing the all-around. One surprise for Gagnier was a 52.00 finish by freshman Doug Smidl in the all-around, his best for the season.

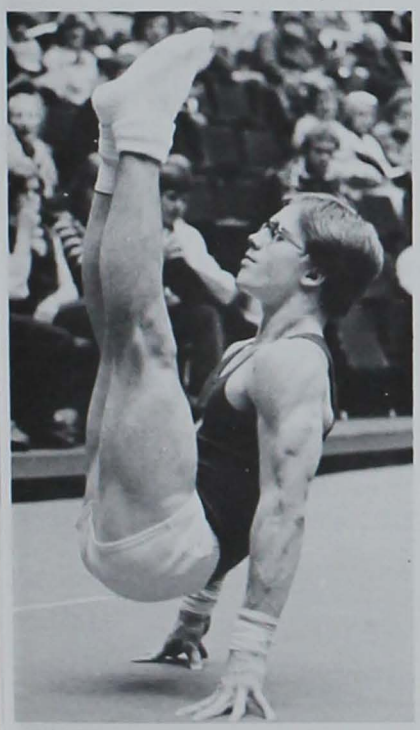
ISU bounded back after the defeat with wins over Kansas, Nebraska and Colorado. In the Colorado meet ISU dropped the Buffs 215.35-200.35, and Mark Trippel set a new record in the optional vaulting with a 9.85 effort.

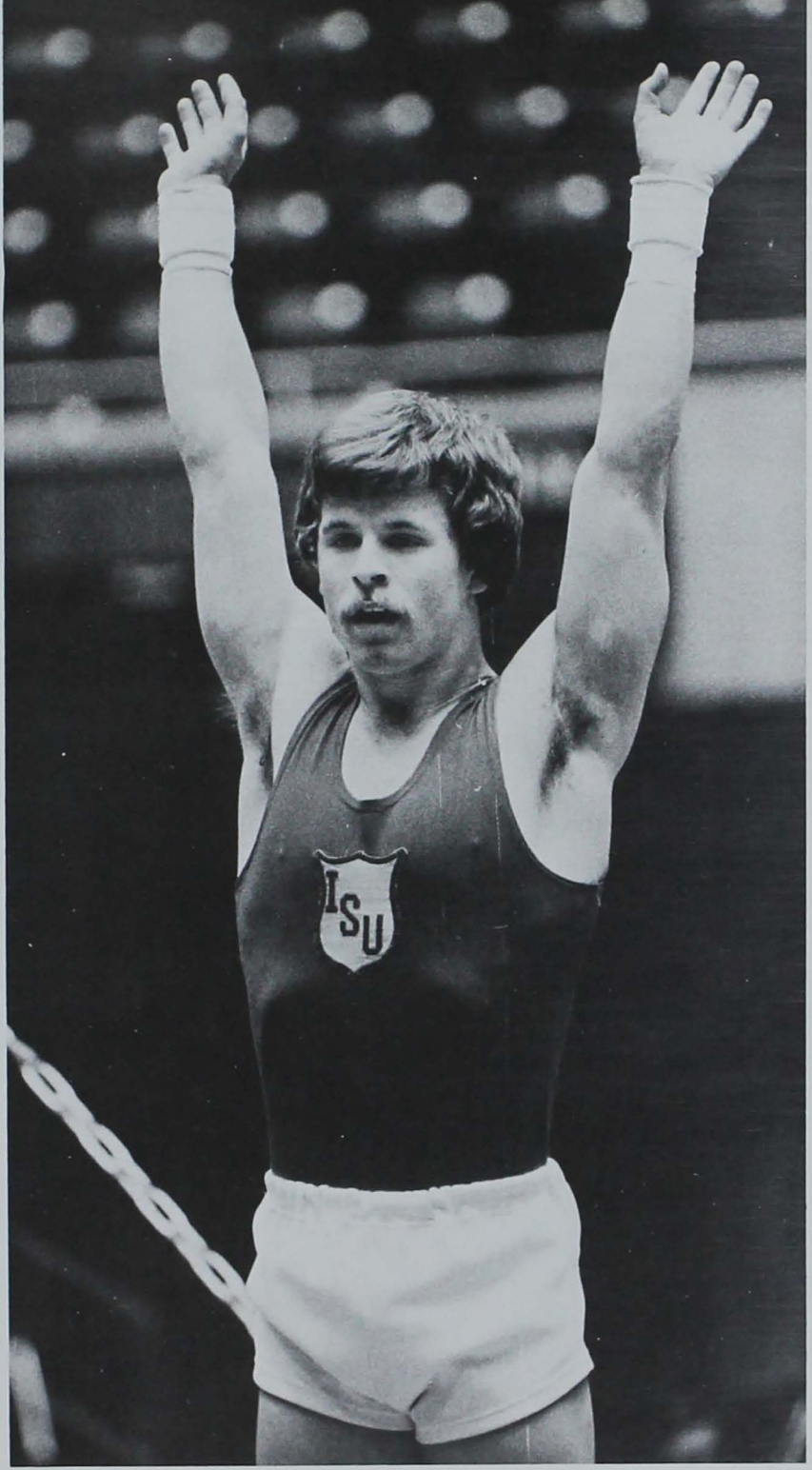
In one of the toughest competitions of the season, the Cyclones beat Southern Illinois 218.05-213.50. Mark Trippel was the star of the meet as he took first place in the vault, parallel bars and tied Curt Austin for first in the floor exercise.

Iowa State won a dual with Minnesota and had only a meet with Northern Iowa left before the Big Eight Championships. Gagnier's injury prone team was close to being at full strength with only Rex Ridenoure out, with a shattered heel.

April 6-8 the Cyclones traveled to Eugene, Oregon for the NCAA Championships, but at this writing it was not known who would represent the team or what the outcome of the Big Eight meet would be.

—Kerry Gibson.





(Left) Stacy Maloney (Above) Cyclone's top floor exercise man, Curt Austin.
Photos by Jim Percival



A study in intensity

(Left) Senior Bill Bosslet on the horse. (Below) Sophomore Big Eight champ, Stacy Maloney. (Top right) Mark Gedstad shows the intensity that the rings require. (Right) Freshman Doug Smidl in all-around is one of twin brothers on the team. Brother Dave also competes in the all around. (Far right) Senior Mark Trippel competes in all around but his specialty is vaulting. He set a new record of 9.85 in the home dual with Colorado.

All photos by Jim Percival









Young talents lead team

The 1977-78 women's Gymnastic team posted an 8-5 record going into the Big 8 tournament. The young squad, eight freshman and three sophomores, proved impressive to third year coach Karmen Booth. "Most of our freshman are seasoned gymnasts and I expect them to be tremendous," Booth said. Top all-around competitors for the Cyclones were Freshman Laurie Keck, Des Moines, an All-American at Roosevelt H.S.; Meg Davis, Evanston, Ill., Illinois high school gymnast of the year; and Diane Lary, Maquoketa, fourth in the 1977 U.S. Gymnastic Federation meet.

Iowa State opened its season with a third place finish at the Iowa Invitational in Iowa City. Cyclone placers were Lary and Keck who finished fifth and sixth, respectively, in the all-around competition, and Sue Cassidy, Arl. Hgt., Ill., was second in the vaulting with an 8.55 score.

In the ISU Invitational the following weekend, the Cyclones bounced back and captured top honors. Iowa State outscored Wisconsin-La-Crosse and St. Cloud State, 128.2-118.25-109.15. Keck took the all-around competition with a 32.10 score.

In the Witchita State Invitational, Iowa State was second, again led by Keck who finished fourth in the all-around competition and second in the balance beam with a 9.05 score. Lary won the uneven bars with an 8.3 score.

Midseason injuries and the flu played havoc with the squad's line-ups. Lary remained sidelined for several meets with a broken thumb and Davis nursed a sore shoulder muscle. "I'm trying to get the kids healthy," Booth said. "We need a full team."

The ISU Gymnastics team prepares for the Big 8 Tournament in Lincoln, Nebraska, Feb. 17-18. The Cyclones are defending champions, defeating Nebraska for the title. This year's strongest competition will probably come from Colorado and Nebraska. Competitors for ISU will be Keck, Davis and Cassidy in the all-around competition and Sue Craddock in the vaulting.













(Below) Sue Cassidy strikes a graceful pose during her free exercise routine. (Below left) Sue Craddock from Bettendorf, pauses for the judges during her balance beam routine. (Far below left) Sue Cassidy flows through her beam routine. (Left) All-around competitor Laurie Keck poses in the split position during her beam routine.

Strong seniors lead tank squad

New coach keeps winning tradition



A group of the best senior swimmers in ISU history and a new coach combined to give Iowa State swimming eight wins and two losses in the regular season.

New head Coach Rich Quick replaced Jack McGuire after McGuire retired from 32 years as the ISU tank coach. Quick came to Ames from SMU where he coached the team to conference titles all six years he was there.

The team had 14 returning lettermen, led by senior Kirk Jones. Other seniors on the team Nate Leigh, team captain, Mark Barnett, Rob Copeland, Dexter MacBride, Bob Vanderloo and divers Bill Luterbach and Doug Johnson. Other returnees were Jay Leigh, Chuck Graves and Drew Walden.

The Cyclones began the season with a second place finish to Kansas in the Big Eight relays. Their home opener was against Iowa which they won 64-47. The only other loss of the season came at the hands of Big Ten power, Wisconsin.

The Cyclone tankers then recorded a series of wins over Kansas, to even to the score at one apiece, Illinois State, Oklahoma State, Oklahoma, Minnesota and Nebraska. Seven school meet records fell in the meet with Kansas. For ISU, Chuck Graves set a new 200-yard



(Above left) Diver Doug Johnson tucks in for a somersault during competition against Colorado and Missouri. (Left) The start of the 400-yard freestyle against Colorado and Missouri. Iowa State won the event which has been a strong one for the team all season. (Above right) Dean Neff reaches for the edge at the finish of the 200-yard breaststroke. (Right) Head coach Rich Quick motions to his relay team to move it as assistant Jerry Symmons keeps lap times. (Far right) Senior diver Bill Luterbach puts a twist into his final dive of the competition in Beyer.
All photos by Kerry Gibson

freestyle record, 1:42.25; Jay Leigh, 50-yard freestyle, 21:64; and the 400-yard freestyle relay team of Jay Leigh, Graves, Barnett and MacBride, 3:11.7.

In the Minnesota meet, the teams were tied going into the 500 meter freestyle. Copeland set a meet record 4:44.14 to take the event and give the Cyclones the tie-breaking points. The meet was finally decided when the 400 freestyle relay won with a record 2:13.98.

The team closed the regular season at home with wins over Missouri and Colorado in a double dual. The Cyclones had an easier time than expected in defeating Missouri who had come on strong this year. Colorado was not in contention for much of the meet.

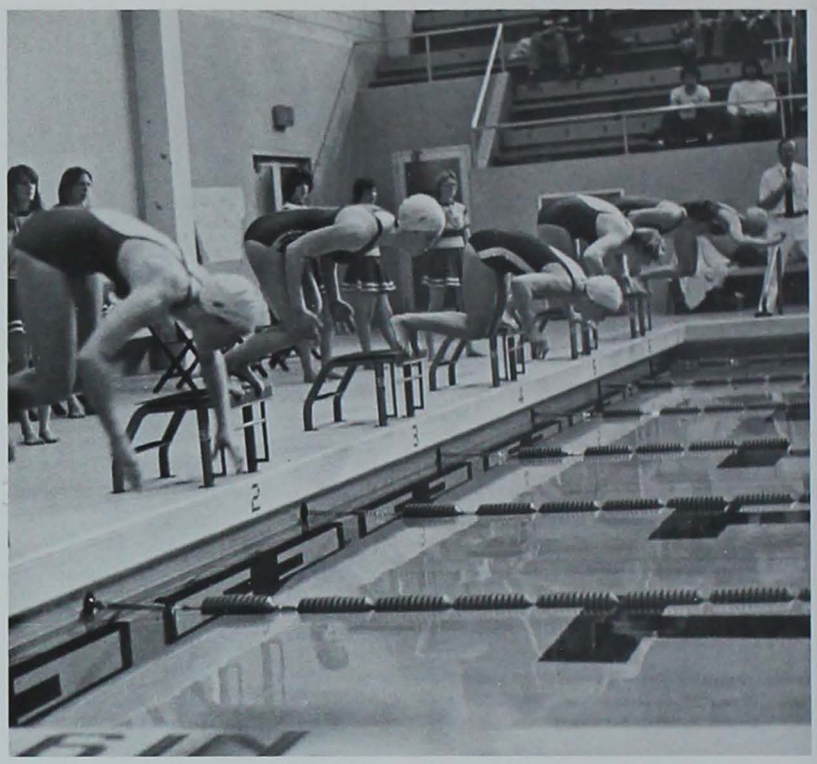
The tank team will finish the season with the Big Eight Championships the 2nd and 3rd of March. Depending on how they do there, they may send a delegation to the NCAA Championships in Long Beach the last part of March. The 400-yard freestyle relay looks to be the strongest chance the Cyclones have for the NCAA meet.





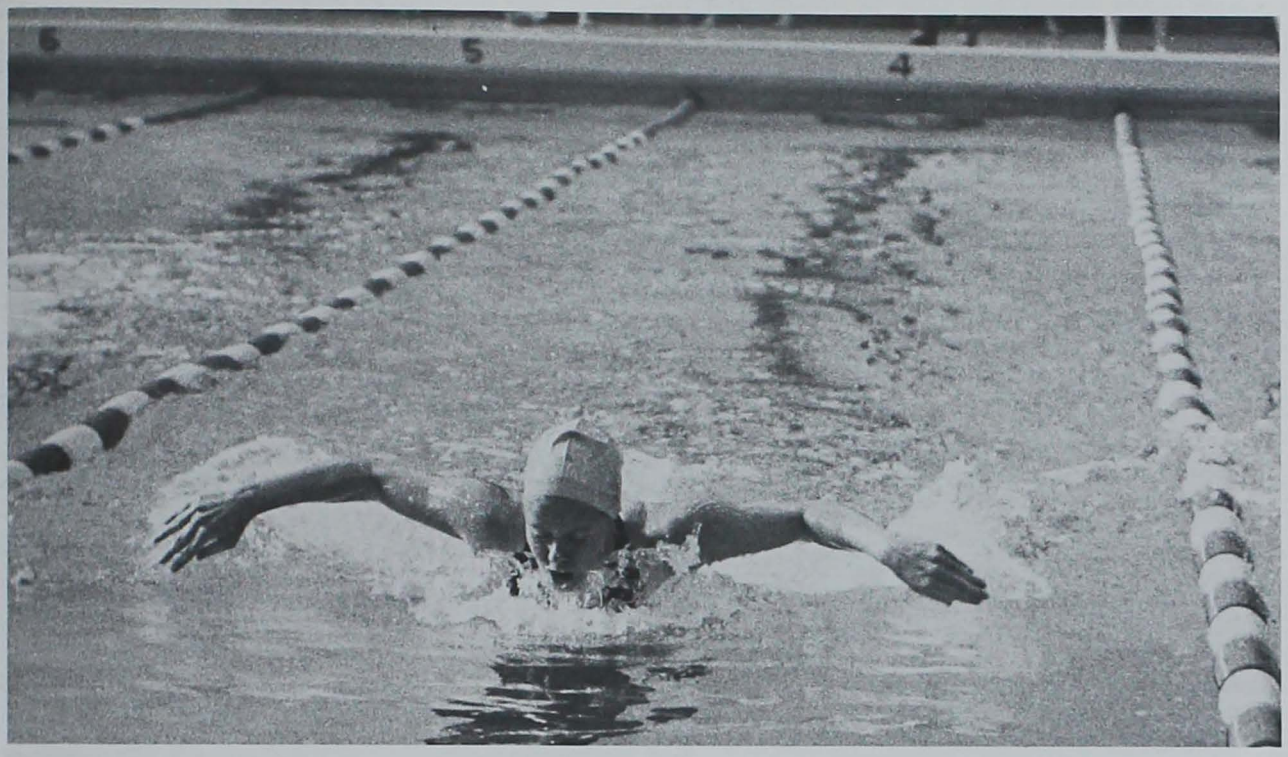


(Right) ISU swimmers Marla Anderson, lane 2 and Liz Dawson, lane 4, explode off the blocks for the start of the 100-yd. breastroke. Dawson won the event. (Far right) Sharon Waterstreet is enroute to a first place finish in the 100-yd. butterfly. Earlier in the meet she set a new record in the 200-yd. IM. (Lower far right) Coach Bottger gives Captain Dian Shriver a victory kiss after she won the 100-yd. backstroke event. (Below right) The backstroke field stretches as the gun is fired in the 100-yd. event. ISU swimmers are Dian Shriver in lane 4 and Paula Griffin in lane 2. (Below) Liz Engstrom executes a near perfect back layout dive.









Swimmers Stroke with Pride

The Iowa State women's swimming and diving team, under the command of new coach Bob Bottger, captured second place in the State AIAW Tournament held at Beyer Pool. The Cyclones 502 points fell short of the 910 racked up by the strong Iowa squad. With only ten team members, the Cyclones captured seven second place finishes including all four relays. ISU runners-up were: Dian Shriver in the 200-yd. individual medley, Sharon Waterstreet in the 100-yd. individual medley, Liz Dawson in the 200-yd. breaststroke and Sue Lentz in the 200-yd. freestyle. Waterstreet, Shriver and Lentz each swam career best times. Diver Liz Engstrom placed third in the one-meter event.

"We knew we couldn't take first place," Bottger said, "Our job was to get second." The Cyclones swam in the maximum number of events allowable and many times in events they had never swam before. "They did a really super job, even in the 'garbage' events," Bottger said. Three individual school records and one relay record were broken. Lentz established new records in the 200- and 500-yd. freestyle. Waterstreet broke the mark in the 100-yd. IM and the foursome of Marietjie Burger, Shriver, Waterstreet and Lentz established a new school record in the 400-yd. relay. Burger tied the record in the 50-yd. freestyle. Two swimmers, Waterstreet and Dawson missed records by only a few hundreths of a second.

"I was really pleased," Bottger said. Earlier in the season the Cyclone played host to Western Illinois and Minnesota. ISU split the double duel, beating W. Illinois 97-34 but fell to Minnesota 78-54. Highlight of the meet was Waterstreet's record breaking 200-yd. IM in 2:25.46. Iowa State won five events and placed second in two others.

The team worked hard with 6 am workouts three times a week in addition to afternoon practice. Forty students expressed interests in the fall, however only ten swimmers stuck it out. "I had to decide if I wanted to compromise or do it the way I felt it should be done,"



Bottger said, "Not too many wanted to sacrifice that much, so the numbers were reduced considerably." "We didn't win very often, but we had a lot of pride," Bottger said.





Sports Clubs

The field of play rangers from a chess board to the cliffs at Ledges State Park. Equipment includes bows and arrows, hockey sticks, tennis rackets and scuba gear. Players have the strength of weightlifters, the speed of judo participants and the nerve of parachute jumpers.

Iowa State sports clubs have provided that kind of variation in sports activity for over 1500 students a year for the past ten years.

An ISU sports club develops when several students show an interest in a specific sports activity. The club elects officers, collects dues, keeps a constitution, maintains records and holds regular meetings or practices. Each club has one member representing them on the Sports Club Council. The council deals with budgeting decisions, promotion and scheduling problems.

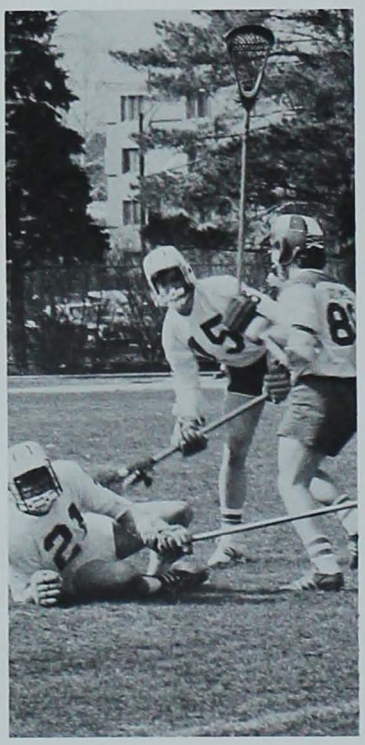
Sports clubs are non-profit. The clubs receive some financial assistance in the form of a block allocation from GSB. However, most of the financial burden falls upon the members themselves. Each club sets its own quarter dues depending on their activities.

The Hockey Club, according to Paul Sandholm, player-coach, charges $6.00 a quarter for membership. The club provides uniforms and sticks for the games. The members must supply their own skates and pads. The Tae-Kwon-Do Club charges $20 a quarter for membership. Ed Powers, facility advisor, said the club members want professional instruction and through the memberhip dues they are able to provide them with a highly qualified instructor. The dues also cover supplies, competition fees and travel expenses.

Sports clubs are an intermediate between intramurals and intercollegiate sports. They offer more competition than IM, many times travelling outside the state, however, they are not as intense as intercollegiate varsity sport. Sports clubs do not emphasize extended road trips, profits, scholarships based on skill and strict training rules according to sport club supervisor Al Murdock.

The success of the club depends on the amount of time and interest the members in the club have. The Hockey Club, one of the larger clubs on campus, raised over $4,000 through fall sweater sales. This money made it possible for the club to travel to Elmira, N.Y. for an invitational hockey tournament.

The number of active clubs on campus fluctuates depending on student interest. Currently there are over 33 sports clubs at Iowa State.



RICKET CYCLE DRESS BLUES FENCING FLYING HANDBALL HA

PKIDO HOCKEY JUDO LACROSSE MOUNTAINEERING PARACHUTE PERSHING







RIFLE & PISTOL RODEO RUGBY SAILING SCUBA SKI RIFLES

ISU







Intramurals









Men's Cross Country

We		They
1st	ISU Inv.	
1st	KSU, KU, Southern Ill. Quad.	
1st	Iowa Intecollegiate Meet	
17	Nebraska	45
2nd	Big Eight Championships	
2nd	NCAA District 5 Regionals	

Football

We		They
35	Wichita State	9
10	Iowa	12
35	Bowling Green	21
17	Dayton	13
7	Missouri	0
24	Nebraska	21
16	Oklahoma	35
41	Kansas	3
7	Colorado	12
22	Kansas State	15
21	Oklahoma State	13
14	North Carolina State	24

Baseball

We		They
2	Missouri Southern	3
8	Missouri Southern	6
1	Arkansas	3
0	Arkansas	2
1	Murray State	2
5	Murray State	4
2	Murray State	5
4	SW Missouri	9
5	SW Missouri	9
4	William Jewell	6
1	Kansas State	4
8	Missouri Western	1
8	Kansas State	1
7	Oklahoma State	9
10	Oklahoma State	6
8	Oklahoma City	5
1	Oklahoma City	3
7	Minnesota	6
0	Minnesota	4
0	Minnesota	2
2	Minnesota	4
6	Wayne State	5
5	Wayne State	0
3	Kansas	4
1	Kansas	7
1	Kansas	2
4	Kansas	1
4	Simpson	2
1	Missouri	5
6	Missouri	5
5	Missouri	23
4	Missouri	9
15	William Penn	5
13	William Penn	10
2	Nebraska	4
4	Nebraska	6
5	Nebraska	8
5	Nebraska	2
5	Nebraska-Omaha	0
2	Nebraska-Omaha	5
6	Wayne State	0
10	Denver	0
6	Colorado	8
10	Eenver	11
13	Wayne State	2
7	Iowa	6
1	Iowa	7

Basketball

We		They
79	Iowa	78
69	Arizona State*	87
76	Tennessee*	81
86	Nebraska-Omaha	78
77	Drake	91
82	Wisconsin	73
73	California	102
56	San Jose State	59
69	Oklahoma (ot)**	74
62	Missouri**	66
83	Colorado**	79
74	Drake	71
84	Colorado (TV)	64
82	Kansas State	77
65	Nebraska	59
82	Kansas	100
59	Oklahoma State	53
76	Oklahoma (ot)	74
68	Missouri	59
63	Kansas State	74
56	Nebraska	62
64	Colorado	70
93	Oklahoma State	69
70	Kansas	80
77	Oklahoma	71

* Fiesta Classic
** Big Eight Tournament

Women's Basketball

We		They
74	Mt. Mercy	58
50	William Penn	65
74	Iowa	71
74	So. Missouri St.	67
72	Drake	86
82	Northern Iowa	71
59	Missouri	83
64	Kansas	83
70	Oklahoma State	60
40	Nebraska	59
76	Minnesota	70
81	Drake	79
58	Nebraska	55
74	Luther	73
74	Tarkio, Mo.	60
82	Grand View	85
65	Kansas	76
46	William Penn	74
64	Kansas State	66
60	NW. Missouri St.	76
55	Central College	58

Women's Volleyball

Match Record:	W 11, L 28
Games Record:	W 41, L 68
4th (tie)	Big Eight Tourn.
4th	Ia. AIAW Tourn.

Women's Indoor Track

We		They
75	Missouri	49
	Oklahoma State	13
78	Kansas State	60
	Missouri	31
	Oklahoma	24
	North Texas St.	11

Women's Swimming

We		They
8th	Nebraska Inv.	
52	Ill. State	79
3rd	Minnesota Inv.	
3rd	Missouri Inv.	
97	Western Ill.	34
54	Minnesota	78
51	Nebraska	76
2nd	Iowa AIAW	

Gymnastics

We		They
212.55	Nebraska	200.35
1st place	Big Eight Inv.	
1st place	Windy City Inv.	
3-1st places	Midwest Champs	
218.55	Wisconsin	
1st place	Rocky Mt. Open	
214.08	Ind. St. 207.53	
213.05	Oklahoma 213.50	
217.80	Kansas 200.20	
215.35	Nebraska 209.15	
125.00	Colorado 200.35	
218.05	So. Ill. 213.50	
217.15	Minnesota 208.75	
	*Northern Iowa	
	*Big Eight Champs	
	*NCAA Champs	

* Had not been held at time of printing.

Wrestling

We		They
41	Drake	0
25	Missouri	11
	ISU Inv. (Individual Comp)	
51	Nebraska	0
43	Washington	0
41	California	6
1st	Washington Inv.	
24	Oregon	12
36	Oregon State	3
	Midlands**	
16	Iowa	16
23	Wisconsin	9
W	Lehigh	L
W	UNI	L
18	Oklahoma State	20
20	Oklahoma	17
29	Minnesota	8
37	Michigan	6
41	Michigan State	3
33	Ohio State	6
13	Iowa	24
*	Colorado	
*	Cal Poly	
*	Big Eight Championships	
*	NCAA Championships	

* Not held at time of printing
** Mike Land, 1st at 126

Swimming

We		They
2nd	Big Eight Relays	
64	Iowa	49
58	Wisconsin	63
66	Kansas	47
68	Illinois State	45
W	Oklahoma	L
W	Oklahoma State	L
58	Minnesota	55
65	Nebraska	48
*	Missouri, Colorado	
*	Big Eight Championships	
*	NCAA Championships	
*	NAAU Championships	
*	Not held at time of printing	

Women's Gymnastics

We		They
3rd	Iowa Inv.	
128.20	Wis.-LaCrosse	118.25
	St. Cloud St.	109.15
2nd	Wichita St. Inv.	
133.75	S.W. Missouri	134.50
134.85	Wichita State	132.60
	Drake	
124.25	Nebraska	98.25
123.20	S.W. Missouri	148.45
118.90	Grand View	134.85
	Ind. State	128.88
	Winona St.	104.55
124.90	Drake	127.35
132.80	Western Ill.	123.15
	Northern Ia.	63.30

Women's Tennis

We		They
3	Stephens College	6
2	Drake	7
4	Iowa	5
0	Minnesota	9
4	Northern Ia.	5
3rd	Iowa AIAW Tourn.	
2	Iowa	7
0	Minnesota	9

Golf

We		They
303	Arkansas	317
1st	Iowa Colligiate Tourn.	
6th	Wheatshocker Inv.	
2nd	Quad State Champs	
6th	Colonel Classic	
4th	Iowa Intercollegiate Tourn.	
6th	Nickolls State Inv.	
1st	Iowa State Inv.	
6th	Drake Relays Inv.	
8th	Big Eight Championships	

Women's Golf

We		They
5th	Wisconsin Inv.	
7th	Ill. State Ill.	
5th	Iowa State Inv.	
5th	Region 6 AIAW Tourn.	
2nd	Iowa AIAW Tourn.	
3rd	No. Iowa Inv.	
3rd	Iowa Inv.	
5th	Missouri Inv.	

Women's Cross Country

We		They
22	Luther	36
1st	Wisconsin Inv.	
1st	Texas Inv.	
1st	Iowa State Inv.	
1st	So. Ill. Inv.	
1st	Big Eight Champs	
1st	Region 6 AIAW Champs	
1st	National AIAW Champs	
1st	National AAU Champs	

Men's Tennis

We		They
4	Pasadena City College	5
0	California-Irvine	9
4	Long Beach City College	5
7	Grinnell	2
6	Drake	3
0	Illinois	9
9	Graceland	0
0	Missouri	9
5	Missouri Western	4
0	Southern Ill.-Edwardsville	9
0	Iowa	9
8	Central	1
6	St. Ambrose	3
5½	Drake	3½
7	Doane	3
8	Simpson	1
1	N W Missouri State	8
1	Kansas	8
13th	Drake Relays	
4	Northern Iowa	5
8	Kansas State	1
0	Oklahoma	9
1	Nebraska	8
1	Oklahoma	8
9	Wartburg	0
0	Colorado	9
7th at Big Eight Championships		

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Bob Stenberg



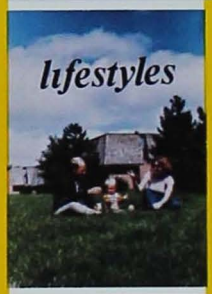






CAPTURE THE INSIDE STORY







AFTER HOURS



Rounding Out Your Education

The Inside Story . . .

AFTER HOURS

College is for learning, as parents constantly remind us, but what people sometimes don't understand is that the majority of our learning takes place, not in the classroom, but through our experiences and interactions with others. We study like crazy for an upcoming exam, but ten years from now, will we remember what grade we got on it or who the course instructor was?

Chances are, the things we learned from and about people through belonging to groups, participating and spectating and being involved will be the things that we'll benefit most from in the long run. And that's why this section of the *Bomb* is entitled *After Hours.*

College is a 24-hour thing, but it seems that classes during the day are separated from evenings and weekends, which we think of as after hours. Does it fit? Hopefully it does. Sitting down and thinking up a title for a magazine isn't an easy thing to do. And writing a "brief" (as described by our editor Anne) editor's note isn't easy either. But we'll try to give you something easy to read, something that will explain what this section, activities, is all about.

Activities is an entirely new section this year. It includes all club and organization group pictures, which actually cover the majority of the magazine. The students who are involved in these groups have probably given something up in order to take the time to belong, but that's what life is all about—priorities.

Besides the group pictures, *After Hours* contains some interesting and informative feature stories. Among them is a story on the International Iceberg Conference, held at the Iowa State Center in October. Scientists and engineers from around the world came to Ames to participate in the conference to determine if icebergs could be used as a source for fresh water in Middle Eastern countries.

The ice conference involved many people from the University. Staff, professors and even students came to see what a real iceberg looked like. That's another aspect of after hours—doing things that are enjoyable yet educational at the same time.

Other feature stories include a comparison-contrast story on the Ames YMCA/YWCA. Students are involved in these organizations in more ways than the traditional swimming lessons and day camp. They can participate in or actually help with programs such as the YMCA Pals program.

Students are active in so many organizations that it's impossible to list them all, but student government takes up a majority of time for many people. This feature attempts to illustrate forms of student governments at Iowa State and the people involved in them.

Volunteering is another aspect of after hours that we'll attempt to explore in this section. For as little time as most students seem to have, it's kind of nice to know that some will spend it helping others.

We're really excited about this new activities section. It's one we think you'll enjoy and hopefully find interesting to look at. After all, after hours takes up the majority of our time here at ISU, so why not give it a place of its own in the yearbook. Spend some time with it . . . after hours.

-Beth Jasper
After Hours Editor

Beth Jasper







AFTER HOURS

262 ISU VOLUNTEERS

Volunteering free time and services for others is something most people don't have time for. Yet many ISU students find that the feeling of really being needed makes it all worthwhile . . . Elaine Harvey

263 ALL ABOUT DRINKING

Come to the party tonight! Dancing, music and beer . . . How do people who don't drink get along at social functions at ISU? . . . Sue Plantz

264 ICEBERG CONFERENCE

World attention focused on ISU as 2,000 pounds of iceberg rolled into town opening the First International Iceberg Conference, held to discuss icebergs as possible sources for fresh water . . . Deb Bell

266 STUDENT GOVERNMENT

With more than one-half million dollars of student money at stake, everybody's after the GSB buck, but asking is not necessarily receiving . . . Jeanine Agnew

305 YMCA/YWCA

Forget almost everything traditional you've ever heard about the YMCA/YWCA, because in Ames, the two Y's have totally different purposes than daycamp and swimming lessons . . . Deb Bell

306 BONE COLLECTING

What ever happened to hobbies like shell or stamp collecting that kids used to bring for show and tell? Two seniors have a unique hobby—collecting bones from animals, and putting them back together again . . . Beth Jasper

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ISU VOLUNTEERS: A PART OF THE SOLUTION

To most people volunteering means giving free services to something or to someone. Yet for many Iowa State students, volunteering means more, it means receiving, it means having the feeling of really being needed.

Julie Mickelson, I Ad-Psych-4, went to the State Boys Training School in Eldora as an ISU Volunteer spring quarter.

"It made me feel like I was doing something worthwhile," she said, "In the beginning I volunteered for the boys' sake, but in the end, it was mostly for me."

Mickelson arranged a Halloween party fall quarter for the boys in Eldora with the girls in her dorm house. She said the party was a good experience for the girls and they all had fun doing it.

"I'll be working with people some day and by volunteering I've reached out to a lot of people," Mickelson said, "But the biggest satisfaction was when those other people reached out to me."

ISU Volunteers coordinate ten programs, besides the Eldora School for Boys, with the help of about 200 students who volunteer their time. A graduate student, Jill Nichols, serves as research and administrative assistant of the Volunteer Center, located in the Memorial Union.

Nichols said students volunteer for a variety of reasons, such as to get experience with working with people or to get on-the-job training. Others volunteer simply because they feel a need to help underprivileged people.

"Volunteering is a good way to become involved with people other than those within the university setting," Nichols explained.

Student volunteers usually work one to three hours a week with a three to six month committment to the program.

The Volunteer Center has two main functions. First, it seeks to benefit the underprivileged people in the Ames area, and second, it tries to fulfill students' needs to help others.

Volunteer programs include the day care program, which involves activities such as field trips, and one-to-one communication with the children.

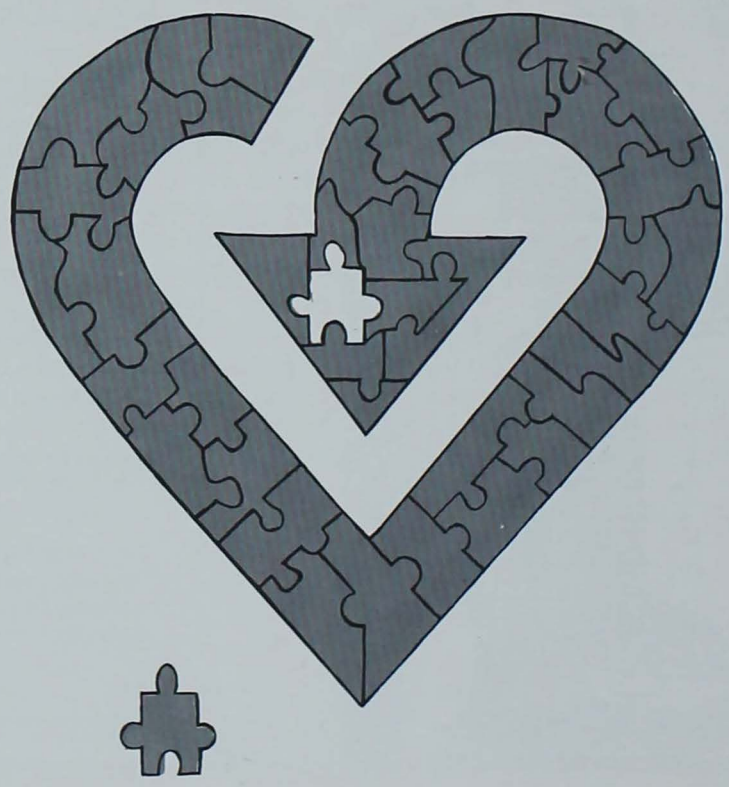
Because most of the day care facilities in the Ames community are on a tight budget, volunteers are especially helpful to facilitators in order for them to provide the quality of care they want to give, yet remain within their budget.

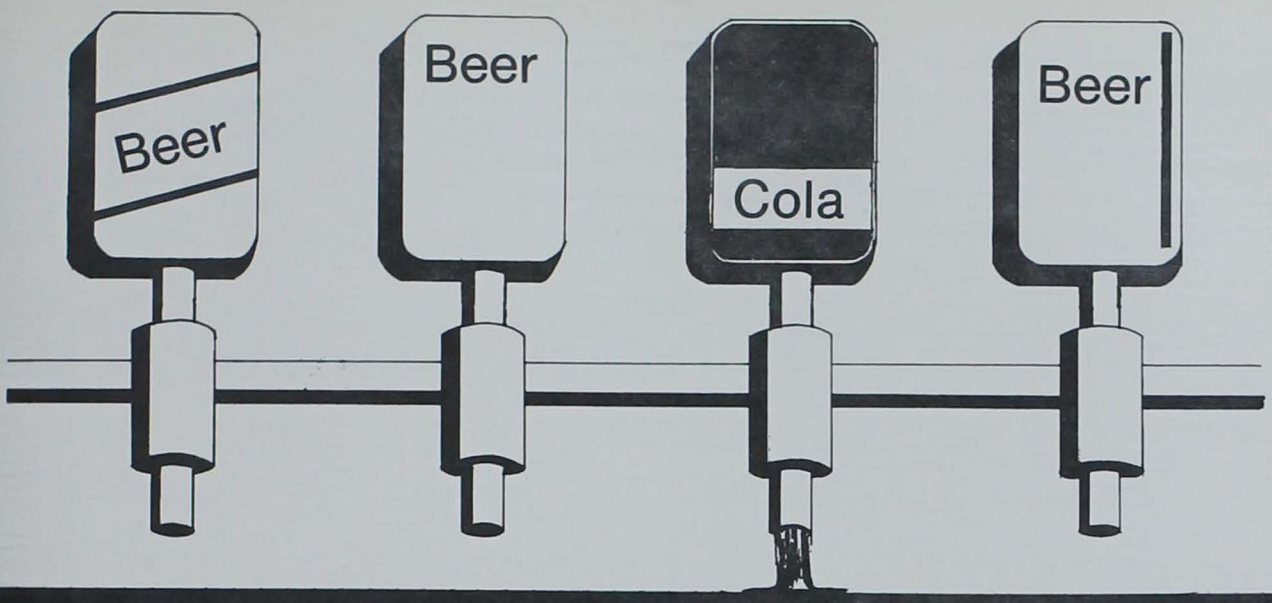
Many groups and organizations come to the Volunteer Center to take part in a volunteer project. Groups have become involved in projects for helping children, the elderly, adolescents, Cerebral Palsy victims, emotionally disturbed children and mentally retarded adults.

Another volunteer program is Adopt-A-Grandparent. Students get to know and interact with elderly people and help them with craft classes.

Other volunteer programs, each directed by a student coordinator, include Beloit of Iowa, Cerebral Palsy, Mary Greeley Hospital, Mitchellville School for Girls, Story County Health Care Facility and Woodward State Hospital.

— *Elaine Harvey*





IS IT A PARTY WITHOUT A BEER?

You may have a stereotype of the typical college student's weekly schedule—book in hand on Sundays, up early on Monday mornings and throughout the week for classes until Friday noon.

At this time members of the Friday Afternoon Club (FAC) join forces as they drop everything to go out and "hit the bars."

But there are students who do not fit this stereotype, and those are the students who choose not to drink alcoholic beverages.

"Alcohol seems to be the easiest and fastest thing to use to loosen up so you become less inhibited and find it easier to meet people," an RA from Linden Hall, RCA said. A different way to meet new people could be to play some type of game that would get everyone involved, she added.

Keggers get a lot of publicity and are talked about a lot, but Barton/Lyon/Freeman RCA Hall advisor, Betty Glick, feels there is not necessarily a great interest in them.

"I don't think students feel free to talk about other activities that don't involve drinking," Glick said.

"I don't even go to house parties anymore," Keith Voss, Hist-3, said. They always end up to be a group of people sitting around getting drunk."

There is a lot of emphasis on drinking at college and a lot of peer pressure put on the students to partcipate in drinking, Alcohol Education Programmer (Office of Student Life) Jim Kraft, said.

"Social norms on campus seem to equate school use with achievement of adult status in our society," David Kraft of the University of Massachusetts was quoted as saying in an article in *Alcohol World.*

"Most people can't understand that people can have a good time without drinking," Voss said. "When they say 'Why aren't you having a good time,' they are really saying 'Why aren't you drinking'."

There does seem to be more recognition of the non-drinkers now than a couple years ago, Voss said. There is usually an alternative drink at parties, but you have to ask someone to find it.

Richard Larsen, Zool-1, commented that although he doesn't drink he pays the social fees at his fraternity, but usually there is only beer served at the parties.

Kraft offers assistance to students who choose not to drink with their decision making skills, to demand their privileges as non-drinkers and in assertiveness training.

For example, if a student goes to a party where there is nothing non-alcoholic for him or her to drink, then at some time, perhaps the next day, Kraft advises that the student tells the people who gave the party that he felt left out and that next time they might offer a non-alcoholic beverage. Such a suggestion might be given to certain organizations that have a keg of beer as a prize for contests.

"There is a sizeable portion of students at ISU who choose not to drink, so winning a keg means nothing to them," Kraft said. "It's almost like offering cigarettes as prizes to people who don't smoke."

Larsen said he feels that kegs given away as prizes is one example of too much emphasis on alcohol at ISU. Policies in dorms which allow beer on the floor and having keggers "places enough emphasis on the consumption of alcohol as to hinder scholastic performance," he said.

Glick said that during resident assistant training this year the traditional keg party was de-emphasized and other types of social activities were suggested for houses.

"So there is an attempt being made to emphasize alcohol and I think that students are responding to this," she added.

During the year a poll was distributed to 1,000 ISU students to find out their drinking patterns and knowledge of alcohol and its effects. It was administered through the Office of Student Life. The poll was to determine target groups for alcohol education programs.

—Sue Plantz

A TALE OF TWO STARS OR THE PRINCE AND THE ICEBERG

October '77. The month of falling leaves, clean crisp blue skies, rousing football games . . . and icebergs.

Icebergs?

Well, perhaps there was just *one* iceberg. But nonetheless, a real, live, honest-to-goodness Alaskan iceberg was here in Ames in October.

The occasion for the iceberg's visit was the First International Conference on Iceberg Utilization held at the Iowa State Center Oct. 2-6, 1977.

Representatives of 18 nations gathered at Iowa State University during the conference, the first of its kind, to find out if it is possible to move icebergs to water-short areas of the world. Conference sessions covered tracking and selection of icebergs, weather modification, and environmental and ecological aspects.

The 10,000 year old, 2,050-pound blue iceberg from off the coast of Anchorage, Alaska, was brought to Ames for tests and demonstrations, according to Dan Zaffarano, vice president for research.

"We felt it was needed for those persons attending the conference who have never seen an iceberg before," he said.

The iceberg's journey to the midwest was not simple. It began in late September when the iceberg was selected. Its size — about six feet long, five feet wide and four feet deep—was a primary consideration. An underwater diver examined the iceberg and assisted a plastics expert in wrapping it in polyurethane for insulation.

A helicopter lifted the iceberg from the water Sept. 30, using a heavy sea fiber cable net placed around the iceberg by the diver. The iceberg was obtained by the U.S. Artic Naval Reseach Laboratory in Port Barrow, Alaska, and the University of Alaska.

The helicopter transported the iceberg to the Anchorage airport, where it was packed in dry ice and styrofoam before being flown to Minneapolis, arriving there Oct. 1. From Minneapolis, the iceberg was delivered to Iowa State campus by freezer truck. The iceberg was stored in a walk-in freezer in the ISU Memorial Union.



Icebergs may have many purposes, including serving as coolers in refreshments at cocktail parties. President W. Robert Parks, Prince Mohammed Al Faisal, major sponsor of the iceberg conference, and Governor Robert Ray discuss iceberg utilization during the conference in October.

The iceberg, literally the shining star of the conference, was presented to the gathered scientists and engineers with part being used as a centerpiece for the formal dinner. Chips of the iceberg, which when analyzed by ISU chemists, were found to be extremely pure and were used to cool beverages at the conference cocktail party. As the ice melted, it crackled and popped, releasing compressed air trapped for thousands of years.

Principal co-sponsors for the conference were the National Science Foundation and the King Faisal Foundation

The iceberg conference was held at ISU largely due to the efforts of Abdo Husseiny, a native of Egypt who is now a U.S. citizen. As an associate professor of nuclear engineering at ISU, Husseiny suggested to Prince Mohammed Al Faisal of Saudi Arabia, a personal friend, that the iceberg conference be held at Iowa State.

Faisal is considered the prime customer for an iceberg to be transported 7,500 miles from Antartica to Saudi Arabia.

Husseiny, conference technical director, said "There is no one disputing the fact that using icebergs as a source of fresh water can be a reality."

However, the consensus of the final panel discussion at the First International Conference on Iceberg Utilization was that more statistics are needed before an



(Left) Fresh water source for dry nations— an iceberg? It may be possible in the near future, but for now, researchers and engineers need more statistics before any action can be taken on their utilization. Major sponsor of the conference, Prince Mohammed Al Faisal hails a chunk of ice from the berg displayed during the conference.

(Below) A tabular iceberg in Melville Bay, Greenland that measures 3/4 mile long, 1/2 mile wide and extends 80 feet above the water may someday be tapped as a source for fresh water.

attempt to tow an iceberg from the Antarctic can be made.

Prince Faisal, the other featured visitor at the conference (besides the iceberg of course) termed the conference a success and said it showed the feasibility of using icebergs from the Antarctic to supply fresh water for some of the world's desert nations.

"We can definitely say the iceberg project is feasible," Faisal said. "The only question is when can we begin."

"Within three to five years, we think we can have a towed berg in situ (in place)."

For the conference star, however, a soggy end lay in wait. Most of the iceberg melted outside Scheman Auditorium, with some pieces going to Ames school children. So Iowa State said good-by to the first iceberg in Iowa's history.

-Deb Bell



STUDENT GOVERNMENT: WHO SPENDS YOUR BUCKS?



Mary Beth Howe, president, and Dave Fisher, vice president, preside over GSB which handles more than one-half million dollars in a year.
John Riches

Can you imagine more than one-half million dollars passing through the hands of 125 ISU students? Their job, however, is not to spend it but to allocate it to different campus groups and organizations.

This important function and many others are all a part of the operation of the Government of the Student Body (GSB). The GSB operates much like the United States government in that it consists of three full branches and two separate bodies which include the President who has a cabinet and the Vice President who runs the Senate.

Some of the functions of GSB include dealing with everyday issues such as campus lighting, academic affairs, public relations and student health. Perhaps the most important function performed by GSB is allocating funds to campus groups and organizations.

The allocation process begins when students pay their tuition. Of this fee, $29 is designated as the activity fee, eight dollars of which goes to GSB.

These acquired funds are then handled by the GSB finance committee consisting of Charlie Harris, Chairman, four student members, five GSB Senators and an administration member. In conjunction with these members, an administrative assistant was added this year to take on treasurer's responsibilities and serve as executive secretary and personnel director of GSB.

The finance committee's first duty is to "allocation hearings" four to five times a quarter in order to allow campus clubs and organizations to make their request for funds. The clubs begin their plea by presenting their budgets before the finance committee, which then makes recommendations to the GSB Senate. The entire process insures that each allocation is thoroughly screened.

About 130 campus clubs and organizations come before the finance committee each year seeking allocations. However, the finance committee

is the busiest during winter quarter when most organizations and clubs begin their new fiscal year and budget. GSB is able to meet the needs of most organizations and clubs with funds accumulated over the past few years.

According to Dave Fisher, Vice President of GSB, the goal in funding the clubs is "to see the money go to those which most directly affect the students."

Over one-half million dollars was allocated by GSB during the past year. Of this amount, a large share went to campus recreation. Other major allocations went to the Iowa State *Daily*, the Commission on Lectures and the Sports Club Council. Another large part went toward GSB operating expenses which include the GSB newsletter and salaries to members of the cabinet.

Each of the three residence associations also maintain governments that each allocate nearly $10,000 a year toward activities and groups. Each association obtains money through dues charged to residents of their association. This charge is determined from a fiscal budget prepared yearly by each association cabinet.

An additional source of income for residence associations comes from vending machines located on campus. The total revenue from these machines is divided according to the number of students in each association and is put into the Educational Fund which is used for such things as resource books, magazines and newspapers.

The residence association funds are allocated by a budget review board composed of four to five association members and their Senate. The association president prepares each request for funds before it goes to the Senate for review and final approval.

Each association must first allocate sufficient funds toward its general budget, consisting of operational expenses, officers' salaries, newsletters, and Tri-Association dues, which include the financing of KPGY and film festivals.

One past activity funded by the Union Drive Associaton (UDA) was a New Student Week, designed to make new students feel welcome at ISU and including activities such as a blue grass concert and a watermelon feed.

Other UDA expenditures included a subscription to the Des Moines Register for each house, the planting of new trees, two electric and four manual typewriters for students and $450 for tools so students can repair and build things. The UDA Food Service "Stop Food Waste Campaign" also provided extra ice-cream nights when the association cut food waste by $1,000.

Besides the general budget, the Richardson Court Association (RCA) provides money for intramural equipment, salaries for persons working in the resource center, which provides students with educational materials and also holds an annual ice cream social during the first week of classes. The main event sponsored each year is the RCA weekend, which is a party held in January for all RCA residents.

The Towers Residence Association (TRA) uses its extra funds to send students to various conferences, and also to maintain a reference center by updating books, dictionaries, newspapers and magazines.

To supplement their programs, the TRA also polled students to get ideas for other programs such as bicycling, stereos and Sunday night meals.

—Jeanine Agnew



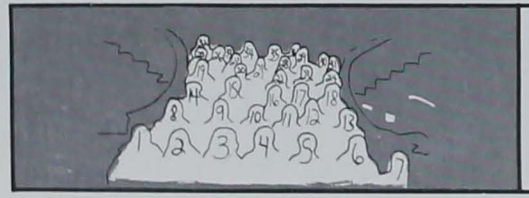
UDA Main Cabinet chairperson Matt Hartman discusses the UDA budget with president Fred Schuster during a main cabinet meeting this year.
John Riches

Agricultural Council



1 Jim Christenson, 2 John Jennett, 3 Jack Tank, 4 Kathy Kremer, 5 Paul Kassel, 6 Tom Dittmer, 7 Kevin Lynch, 8 Tim Krumm, 9 Kit Spangler, 10 Mary Kay Thatcher, 11 Rosemary Haver, 12 Ann Lett, 13 Carole Gillespie, 14 Anne Weymiller, 15 Marti Osterling, 16 Lynette Broders, 17 Roger Underwood, 18 Jane McBride, 19 Joel Geske, 20 Ron Sterk, 21 Brad Buchanan, 22 Sherry Newell, 23 Eugene Rozenboom, 24 Larry Wyatt, 25 Marty Robinson, 26 Richard Marshall, 27 Janice Keene, 28 Mary Overman, 29 James Pilling, 30 Jerroll Fischer, 31 Dr. M.D. Kenealy, 32 Dr. M.P. Hoffman.

American Institute of Chemical Engineers



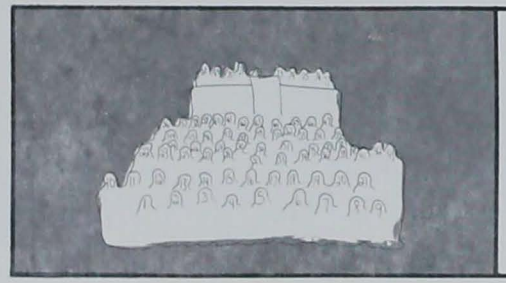
1 Randal Scott, 2 Anne Sheller, 3 Carol Ryerkerk, 4 Gary Scheer, 5 James Nielsen, 6 Donald Haugerud, 7 David Rohrssen, 8 William Lehfeld, 9 Daniel Anderson, 10 Bruce Mayer, 11 Daniel Blair, 12 Les McClatchey, 13 Michael Matson, 14 James Waterman, 15 Carlos Pabon-Caban, 16 Susanne Hunt, 17 Debra Knobbe, 18 Carol Shlaes, 19 David Koopmans, 20 Roger Pewick, 21 Anthony Pigneri, 22 Sue Schneider, 23 Mary Partington, 24 Patricia Collins, 25 Daniel Westbrook, 26 Karen Smith, 27 Jenean Larsen, 28 Gene Grabenbauer, 29 Rodney Larue, 30 Carol Vohs, 31 Kathleen Hunt, 32 Randall Alberts, 33 Alan Brackey, 34 Robert Pollet, 35 Terry Parghum, 36 Dr. Charles Glatz.

American Nuclear Society



1 Erich Weinfurter, 2 Hengamhi Karimi, 3 Randy Scott, 4 Shahid Ahmed, 5 Soli Khericha, 6 Ashraf Mesbahi, 7 Ken Howard, 8 Carl Stafford, 9 Mark Hunt, 10 Ibrahim Kutbi, 11 Neal Hunemuller, 12 Abdalla Ezzedin, 13 Greg Pearson, 14 Prof. R. A. Danofsky, 15 Tim Czubakowski, 16 Gary McLagan, 17 John Chambers, 18 Tawfik Kusayer, 19 Doug Meyer, 20 Mike Teply, 21 Hang Cho.

American Institute of Interior Designers



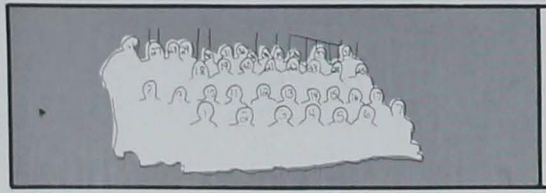
1 Denise Schowalter, 2 Yalli Jo Fletchell, 3 Laura Jasper, 4 Teresa Thalacker, 5 Barb Doermann, 6 Nancy Goodwin, 7 Cathy Hawkinson, 8 Susan Hazlett, 9 Janenne Horn, 10 Dorene Hill, 11 Diane Jaarsma, 12 Cindy Duff, 13 Jill Holck, 14 Nan Ryaer, 15 Cathee Christ, 16 Joyce Dielschneider, 17 Alicia Burrus, 18 Marcy Fahrenkrog, 19 Jenifer Zeh, 20 Kathy McGritt, 21 Sue Kent, 22 Dana Willis, 23 Marianne Wentz, 24 Patty Dobson, 25 Sheila Schuppert, 26 Harriet Ransdell, 27 Sue Devito, 28 Diane Nitchals, 29 Rebecca Barkley, 30 Donna Schneider, 31 Joy Freel, 32 Kris Reis, 33 Ellen Force, 34 Brenda Olk, 35 Jori Jones, 36 Cindi Jorstad, 37 Ann Viskocil, 38 Deb Trumper, 39 Erin Reilly, 40 Lark Dearing, 41 Cindy Bernhagen, 42 Barbara Shoemaker, 43 Mary Ann Pfeiffer, 44 Sherry Lynn Smith, 45 Carol Moore, 46 Dian Smalley, 47 Denise Allen, 48 Wane Spurgon, 49 Beth Strub, 50 J.J. Hill, 51 Janet Simonsen, 52 Ann Wittrock, 53 Karen VanMeter, 54 Bobbi Kennedy, 55 Kathy Scott, 56 Eugenio Coco, 57 Liz Murrell, 58 Cyndee Telshaw, 59 Kathy Stoakes, 60 Trudy Graham, 61 Kathy Davison, 62 Michele Rhymes, 63 Diane Cardani, 64 Shari Anderson, 65 Sharon Poole, 66 Brenda Wohlford, 67 Ann Grothaus, 68 Michael Lindstrom, 69 Shirley Camp, 70 Mary Beth Zilis, 71 Tony Nie, 72 Robin May, 73 Mary Vieth, 74 Kim Fritz, 75 LuAnn Johnson, 76 Meg Duffield, 77 Donna Carney.

Arnold Air Society



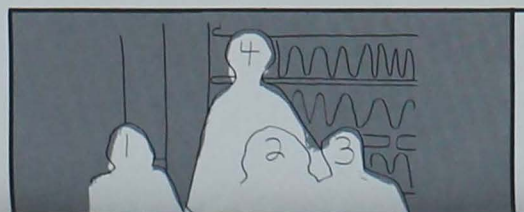
1 Steve Zenishek, 2 Janna Henze, 3 John Gotterup, 4 Beatrice Schwartz, 5 Mike Kutz, 6 Joy Johnson, 7 Kurt Shinkle, 8 Cathy Horrell, 9 Kevin Brown, 10 Deb Ehlenfeldt, 11 Jim Harper, 12 Charles Nickerson, 13 Sheree Engquist, 14 Scott Hamilton, 15 Rocky De Buhr, 16 Russ Cambell, 17 Ed Naiman, 18 Bennett Sloan, 19 Larry Soltenberg, 20 George Harlan, 21 Con Blake, 22 Ron Wegner, 23 Jerome Dawson, 24 Dan Backhus, 25 Don Boetel, 26 David Paskach.

Art Education Club



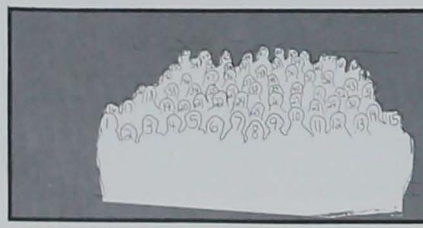
1 Robin Willers, 2 Carol Warman, 3 Paulette Peterson, 4 Sandy Cook, 5 Mary Sherman, 6 Jill Kubichek, 7 Cathi Pischer, 8 Janis Goff, 9 Nancy Andersen, 10 Janie Wonders, 11 Jane Bubst, 12 Annette Class, 13 Denise Frette, 14 Darlene Gallagher, 15 Carol Breese, 16 Zibby Ghormley, 17 Melonie Triggs, 18 Denise Whipple, 19 Laurie Olk, 20 Kris Ferguson, 21 Sherrie Porter, 22 Jo Anne Fox Sayles, 23 Karla Killinger, 24 Deb Movick, 25 Mary Langbehn, 26 Ken Francis, 27 Jean Adams, 28 Stephen Perrella, 29 Teddy Biemann, 30 Naomi Gaul, 31 Anitra Krogh, 32 Deb Lang, 33 Deb Kerns, 34 Mary Caspers, 35 Vicki Broer, 36 Chris Perrin, 37 John Weinkein, 38 Dennis Dake.

Black Cultural Center



1 Cynthia Cornelius, 2 Darlene Scott, 3 Victor Smith, 4 Roderick Warrick.

Dairy Science Club



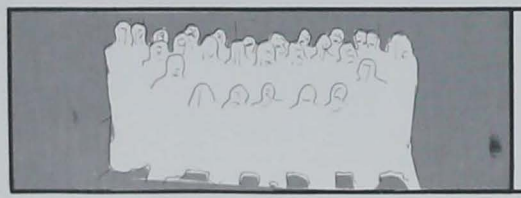
1 Dave Bolin, 2 Denise Koss, 3 Deb Hoffman, 4 Rhonda Hiemstra, 5 Clay Norman, 6 Chuck Boden, 7 Pete Lyon, 8 Cathy Adamec, 9 Darwin Sneiler, 10 Greg Lyon, 11 Kit Spangler, 12 Matt Stewart, 13 Dennis Worden, 14 Rose Harrold, 15 Lane Schradle, 16 Sherry Nichols, 17 Sherry Newell, 18 Dave Miles, 19 Chris Showalter, 20 Donna Van Wyk, 21 Mike Augur, 22 Ray Scott, 23 Lori Specht, 24 Dave Wing, 25 Helen Dane, 26 Jay Mattison, 27 Unidentified, 28 Pam Tigges, 29 Norm Voelker, 30 Brenda Eernisse, 31 Ron Tigner, 32 Mary Lyon, 33 Mark Reichenauer, 34 Lynne Maylahn, 35 Jayne Kluever, 36 Jan Conradi, 37 Mary Wagner, 38 Randy Duffield, 39 Jon Telleen, 40 Stan Gable, 41 Dennis Erpelding, 42 Jim Regan, 43 Chris Hoffman, 44 Dr. C. F. Foreman, 45 Lori Wulf, 46 Linda Engelken, 47 Heidi Mills, 48 Terri Seilon, 49 Janice Keene, 50 Kevin Amundson, 51 Mark LaFollette, 52 Joe Keeler, 53 Gary Kregel, 54 Matt Hamlett, 55 Jeff Core, 56 Patti Pound, 57 Paul Peiffer, 58 Lewis Olsen, 59 Don Kappelman, 60 Marc Miller, 61 Steve Vermeer, 62 Val Lyon, 63 John Willenborg, 64 Amy Willenborg, 65 Joe Peiffer, 66 Chuck Deutmeyer, 67 Doug Spoerre, 68 Gilbert Weber, 69 Randy Tigges, 70 Diana Frick, 71 Mary Price, 72 Bruce Leuschen.

Geology Club



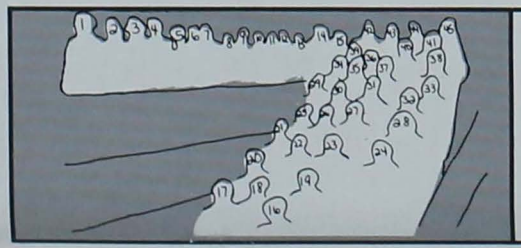
1 Dale Brunotte, 2 Leroy Shaser, 3 Bob Ladd, 4 Scott Thieben, 5 Howard White, 6 Marilyn Cisar, 7 Pat Ringgenberg, 8 Carol Smith, 9 Dave Prose, 10 Rob Christman, 11 David Hamilton, 12 Greg Thompson, 13 Curt Peck, 14 Larry Willis, 15 Katie Royal, 16 Dan Burggraf, 17 Gloria Burggraf, 18 Ken DeDecker, 19 John Petershagen, 20 Gary Bible, 21 Jim Kipp, 22 Ed Mason.

Greek Programming Committee



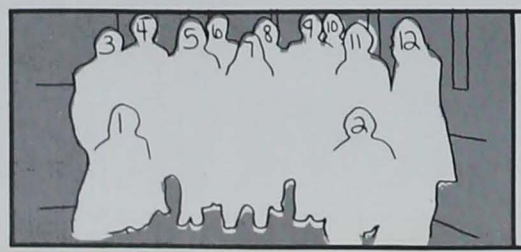
1 Martha Fagg, 2 Maureen Buckley, 3 Jason Watson, 4 Kim Fritz, 5 Dave Hanson, 6 Kent McNeley, 7 Scott Hendricks, 8 Anne Ytzen, 9 Chantiy Maxwell, 10 Deb Andrews, 11 Mary Power, 12 Bonnie Clauson, 13 Martha Whaley, 14 Laura Swanson, 15 Patti Said, 16 Barb Sakala, 17 Doug Lange, 18 Ron Phillips, 19 Chip DeBuse, 20 Eric Lowry, 21 Al Nunnikhoven, 22 Kirk Nelson, 23 Deb Gary, 24 Gordy Carstens, 25 Fred Homan, 26 Randy Wreahitt, 27 Bill Kahler.

IEEE



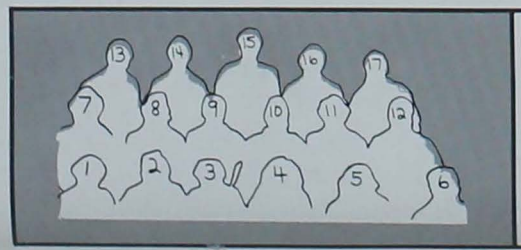
1 Unidentified, 2 Dave McDougall, 3 Donn Mulder, 4 Unidentified, 5 Frank Clements, 6 Roger Kann, 7 Keith Egger, 8 Tim Johnson, 9 Mike Dapron, 10 Allen Siesken, 11 Greg Anderson, 12 Darmon Berg, 13 Ron Myer, 14 Greg Dougal, 15 John Daly, 16 Steve Wisner, 17 Brian Wood, 18 Tom Quealy, 19 Jeff Sloat, 20 John Frederick, 21 John Kell, 22 Mark Turczynski, 23 Don Vosberg, 24 Kevin Johnson 25 Dean Crist, 26 Roger Carlson, 27 John Wehrmacher, 28 Mary Obrien, 29 Dave Sampson, 30 Paul Crobin, 31 John Nelson, 32 Jeff Childs, 33 Curt Rogers, 34 Dale Penner, 35 Mark Waugh, 36 Don Waldof, 37 Dave Ellen, 38 J. C. Echeandia, 39 Shannon Lynch, 40 Mike Garer, 41 Tom Johnson, 42 Todd Degner, 43 Myron Klingbeil, 44 John Babl, 45 Dave Martin.

Iowa State Debaters



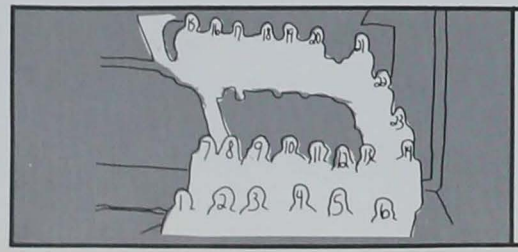
1 Brian Lee, 2 Mike McClellan, 3 Fred Church, 4 Doug Skarin, 5 Kirsten Held, 6 Chris Eichmeier, 7 Annette Kennedy, 8 Jim Crawford, 9 Lyn Hanson, 10 Daniel Hanson, 11 Margy Layton, 12 Suby Bartholomew.

Lacrosse Club



1 Jim Tannhauser, 2 Todd Oppenheimer, 3 Chris Celania, 4 Stew Segerstrom, 5 Kris Meyer, 6 Dave Gurny, 7 Peter Werp, 8 Paul Nash, 9 Joe Klein, 10 Rich Righter, 11 Mike Linnenberink, 12 Steve Pappaducas, 13 Dave McCarthy, 14 Gerry Goodreau, 15 Rick Brandon, 16 Syd Hobbs, 17 James Booth Davis.

Naiads



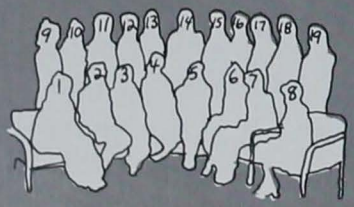
1 Lis Buck, 2 Vicki Wren, 3 Nancy Weiss, 4 Kathy Wachtel, 5 Sue Huber, 6 Deb Carstens, 7 Lynn Benkusky, 8 Pat Warren, 9 Sue Moberly, 10 Kurt Danner, 11 Robin Baker, 12 Sue Hermanson, 13 Patty Pady, 14 Kelly Mart, 15 Jan Frahm, 16 Louise Geiger, 17 Marcia Spiller, 18 Debbie Munson, 19 Julie Braucht, 20 Ann Kent, 21 Debbie Black, 22 Mary Berglund, 23 Julie Mickelson.

Orchesis I



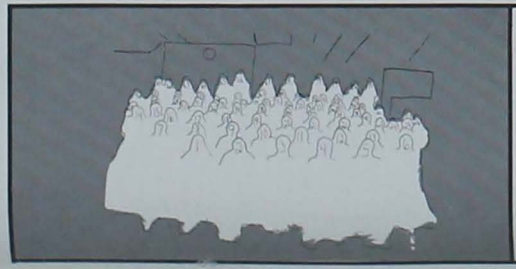
1 John Hooper, 2 Mary Jane Grube, 3 Pat McHenry, 4 Rich Swales, 5 Mary Einstein, 6 Kevin Dean, 7 Renee Robinson, 8 Sherry Stump, 9 Margaret Stoffregen, 10 Paul Zmolek, 11 Beth Miller, 12 Anne Butler, 13 Sue Lauther, 14 Diane Hamity, 15 J.K. Ross, 16 Jeanette Anderson, 17 Kurt Halstead, 18 Doug Mass, 19 Ted Grauer, 20 Kay Hocker, 21 Patty Andrise, 22 Barb Brownell, 23 Jyoti Bal, 24 Becky Pavlik, 25 Vern Windsor, 26 Cindy Carlson.

RHW Central Committee



1 Roz Whiton, 2 Cindy Hauke, 3 Jan Myrick, 4 Lia Jantz, 5 Jody O'Donnell, 6 Kerby Uhlenberg, 7 Lynne Mientus, 8 Carol Coventry, 9 Cory Gillette, 10 Jenni Christensen, 11 Connie Weems, 12 Randy Renze, 13 Kevin Hohbach, 14 Steve Diedricksen, 15 John Stoner, 16 Joe Scallon, 17 Dan Moran,, 18 Gary Hanson, 19 Joe Rei.

Pre-Vet Club



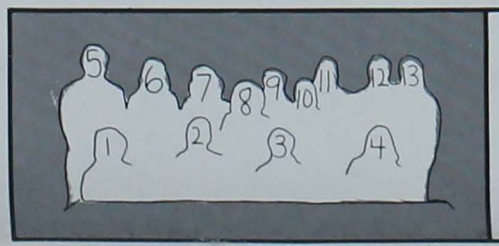
1 Lyn Yoder, 2 Allison Thompson, 3 Tom Shroyer, 4 Tony Ketelaar, 5 Randy Jones, 6 Del Rae Martin, 7 Nancy Timlin, 8 Lauri Sloth, 9 Martha Lougee, 10 Leslie Rhode, 11 Denise Crittenden, 12 Julie Peters, 13 Kris Blossu, 14 Thomas Rohlk, 15 Leslie R. Dawdy, 16 Renee Melly, 17 Latona Cannon, 18 Kathleen Kading, 19 Linda Cunningham, 20 Scott Sanderman, 21 Ronald Hayek, 22 Greg Matt, 23 Dick Steele, 24 Chris Hoover, 25 Bruce VanDerKamp, 26 Thayer C. Hoover, 27 Suzy Kimball, 28 Kim Olson, 29 Mark Monson, 30 Mary K. Simpson, 31 Mark Stanway, 32 Brian Darrow, 33 Paul Flakoll, 34 Ron Tapper, 35 Leann Little, 36 Melida Hedberg, 37 Mark Bury, 38 Mike Huston, 39 Larry Carpenter, 40 Norman George, 41 Dan Leonard, 42 Dale Ritter, 43 Barb Helseth, 44 Wendy Fizell, 45 Robert Cooper, 46 Becky Boll, 47 London Reile, 48 Linda Omedt, 49 Greg Brookhouser, 50 Wes Johnson, 51 Steve Elwood, 52 John Quan, 53 Cheryl Bourn, 54 Alan Younkin, 55 Sue Frorbich, 56 Michael C. Blanco, 57 Cindy Baumann, 58 Mary Ann Schmitt, 59 Jean Dal Porto, 60 Greg Simpson, 61 Cindy Hallberg, 62 Mary Ellen O'Connor, 63 Sandra Wilson, 64 Mary Berns, 65 Hal Hartke, 66 Paul Prommitz, 67 Cynthia Van Farowe, 68 Ron Juhl, 69 Cynthia Oldfather, 70 Kim Puller, 71 Janet McIntee, 72 Peter Canning, 73 Pam George, 74 Susan Grammer, 75 Denise Cowles, 76 Helen Dane, 77 James Else, 78 Joseph Slater, 79 Brian Barry, 80 Mike Cippera, 81 Tim Anderson.

Rugby Club



1 Kevin Maxwell, 2 John Church, 3 Jim Kopsas, 4 Mark Tilley, 5 Dan Brennecke, 6 Ray Powell, 7 Neil McKinney, 8 Walt Osborne, 9 David Wilson, 10 Ron Broderson, 11 Unknown, 12 Jack Wilkinson, 13 Unidentified, 14 Daryl Ranor, 15 Kevin O'Connor, 16 Antonio O. Williams, 17 Thomas Coburn, 18 Geordie Corsar, 19 Pan Dann, 20 Tony Joehl, 21 Mike Pittman, 22 Steve Robinson, 23 Randy Foster, 24 Steve Stark, 25 Larry Kuennen, 26 Ron Schultz, 27 Kevin Sohl.

Senior Class Council



1 Julie Dushek, 2 Jeff Raun, 3 Julie Underriner, 4 Cindy Johnston, 5 Randy Wreghitt, 6 Sally LePage, 7 Roz Kelly, 8 Denise Gaumer, 9 Liz Knittel, 10 Mary Beth Howe, 11 Cindy Coyle, 12 Craig Downs, 13 Carla Nelson.

Tau Beta Pi



1 Jeff Childs, 2 Greg Dougal, 3 Ron Meyer, 4 Paul Wiederholt, 5 Don Hagerud, 6 Allen Siefken, 7 Paul Schafbuch, 8 Randall Anderson, 9 Bill Zierke, 10 Steve Parsley, 11 David Kuivanen, 12 John Wehrmacher, 13 Roger Carlson, 14 David Ellenberger, 15 John Kell, 16 Dean Crist, 17 Bryan LaVoy, 18 Mike McInerney.

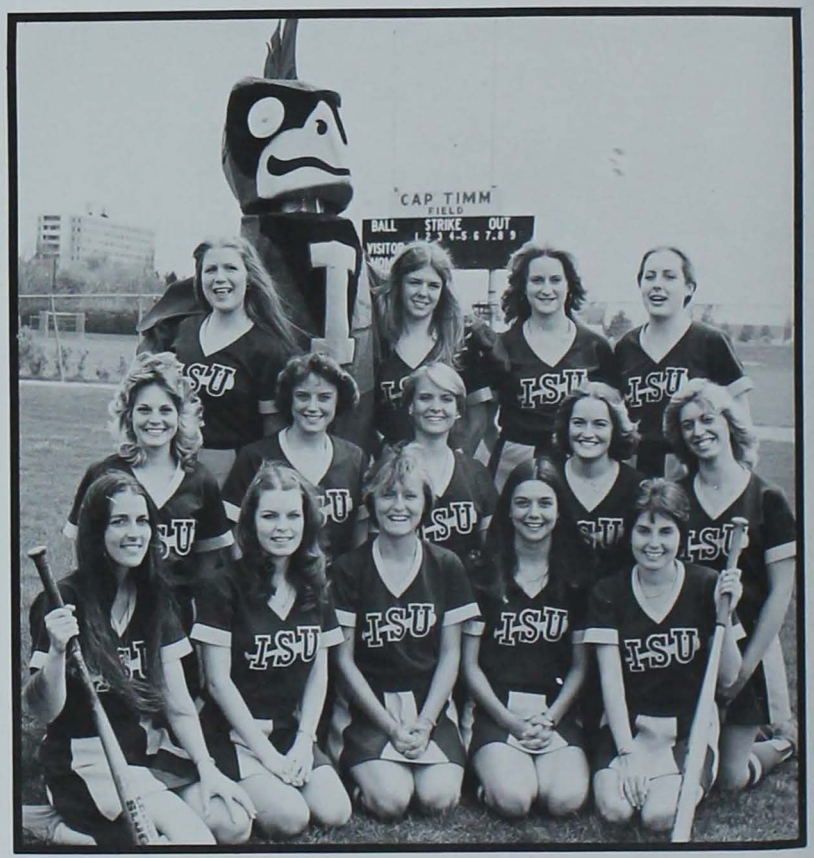
Pep Council

Pep Council Exec



Row 1: John Stephens, Andy Hemken. Row 2: Gary Krull-advisor, Mary Eddy, Nancy Kouri, Owen Bolte. Row 3: Greg Myers

Diamond Darlings



Row 1: Deb Meck, Deb Johnson, Kelly Alfor, Kathy Stewart, Carol Breese. Row 2: Nindy McVey, Donna Christensen, Gayle Solyst, Edna Boschat, Nancy Fleming. Row 3: Denise Burden, Julie Arctander, Bonnie Day, Beth Campbell

Football Cheersquad



Row 1: Chuck Graber, Kevin Moss, Greg Schroeder, Bruce Meyer. Row 2: Randy Wreghitt, Pete Southard, Kent York, Rick Waters. Row 3: Janet Wischmeyer, Heather Cole. Row 4: Jan Harmeyer, Jane Eicheid. Row 5: Lisa Lindhart, Yvonne Munier, Lynn Evans, Janice Flattery

Pom Pon Squad



Row 1: Laura Wransell, Joanne Iske. Row 2: Carla Ehmke, Cindy Young, Evans Harper, Teri Swanson, Leslie Mangas. Row 3: Mary Beth O'Connor, Ruth Sassen, Jan Blumenthal, Connie Guenther, Cindy Moeller

Varsity

Basketball Cheersquad



(Right) Row 1: Lynn Evans. Row 2: Heather Cole, Greg Schroeder, Boomer Myers, Kevin Moss, Jane Eischeid, Row 3: Yvonne Muiner, Jean Brinkman, Lisa Lindhart, Row 4: Pete Southard, Randy Wreghitt

(Below) Row 1: Craig Boretsky, Jeff Lowers, Dave Hunt, Row 2: Janet Rogers, Patti Moore, Karen Porter, Shelly Smedal.

J.V.



Hockey Cheerleaders



(Left to Right) Jenni Farrar, Carol Ryerker,Cheryl Ceretti, Linell Klinkenberg, Peggy Mott, Cheryl Meier, Sue Harper

(Below) Row 1: Marti Pecaut, Cindi Watson, Kathy Tubbesing, Claudia Corning, Laura Doak, Deb Basler, Row 2: Robin Tychen, Brenda Gates, Cynthia Stell, Beth Richards, Shelly Mixdorf, Row 3: JoEllen Fagan, Sue Petersen, Laurie Connell, Lori Thein, Row 4: Janet Johnson, Lori Rosenthal, Kathy Harder, Janet Moore, Chris Petersen

Goodtimers



Ag Ed Club



Row 1: Doug Pooch, Gary Hanna, Steve Sandman, Kevin Closing, John Anderson, Allen Schipull, Randy Gay, Paul Johnson, Jude Kirkeeide, Ray Meister, Bob Leavens, Sara Kuecker, Linda Odeen, Camille Shirbroun, Lois Ryerkerk. Row 2: Dave Schantz, Tad Mueller, Alan Stumpf, Joe Scallon, Mike Striegel, Steve Ackerman, Bruce Weaver, Mike Earll, Tom Stewart. Julie Romp, Chris Showalter, Gary Johnson, Steve Ransay, Unidentified, Joe Griffiorn, Gary Briers, Advisor. Row 3: Jerry Chizek, David Lundberg, Dave Triggs, David Klave, Phil Rekemeyer, Nick Francois, Steve Schroeder, Tim Tibbits, Becky Carlson, Carmela Beitz, Diane Scott, Andrea Weilgart, Don Schaffer, Alan Siebrecht, Randy Heitz, Craig McEnany, Kent Bohnker.

American Institute of Aero. and Astro.



Row 1: Brian Perry, Philip Lee, Kauser Imtiaz, V. Ethiraj, P.J. Hermann, Row 2: Gary Mitchell, Nader Noghrekar, S. Mahmoud, R. Takamura, Chi Ha, Kevin Brown, Mike Pouliot, Phil Morris, M. Moghadam, Mike Carrol, Row 3: M. Steplinski, Chris Berhens, Randy Harrison, Paul McAvoy, Merle Ten Clay, Bruce Gustafson, Dwight Baasch. Top Row: J. Smith, John Colclough, Steve Cloud, Dan Guilliame, Duane Goehring, Mark Howe, Alan Jones, Dan Backus, Dick Brickman, Medi Sedoghi.

Alpha Kappa Psi



Row 1: Tony Longnecker, Robert Kappin, Randy Murphy, Ken Dow, Mark Glasnap. Row 2: Mark Knief, Ann Barry, Barb Brown, Kathy Mahoney, Betsy Tupper, Nancy Herink, Cara Nissen, Marilyn Sullivan, Nancy Kouri, Joe Bellizzi, Advisor.

American Society of Ag Engineers



Row 1: Paul Holtan, Alan Jacobson, Maric Garret, Rick Madson, Gary Vander Molen, Dean Stillmunkes. Row 2: Lisa Arganbrieht, Dr. Howard Johnson, David Israel, Elden Niemeyer, Tim Christensen, Row 3: Kent Rice, Craig Dare, Darrel Christenson, Mark Chmelar, Tom Fox, Rob Johanson, Row 4: Margarito Escalante, John LaFratte, Carl Klotzbach, Keith Helmlinger, Robert Doescher, Cathy Neumann, Craig Frickk, Dennis Bowman, Abdel-Ghafear, Gilbert Osei-Kwadwo, Ted Grauer.

Campus 4-H



Row 1: Clyde Johnson, Deb Fisher, Jim Fisher, Mary Pleggenkuhle, Gary Ehrecke. Row 2: Charli Wheeler, Lynn Heidemann, Ellen Broghammer, Barb Mann, Donna Ehrhardt, Unidentified, Sue Boettcher, Janene Salemink. Row 3: Karen Topf, Mary Lou Sheldon, Karla Becker, Karen McGregor, Linda Link, Josephine Petrick, Unidentified, Pat Hunt, Ruthie Atwood, Kathy Hibbs, Steve Watters. Row 4: Ralph Manning, John Boettcher, Aaron Salton, Steve Ackerman, Diane Schwieder, Kathy Auen, Brad Sealine, Jan Conradi, John Jones, Warren Angus, Mary Thumma, Annette Varnum, Glen Thompson. Row 5: Nancy Honold, Nancy Walker, Tom Hense, Jane Dewey, Laurie Olk, Jan Linn, Roxanne Willers, Maureen Furlong, Reinee Eshelman.

Chi Epsilon



Front Row: (Left to Right) Robert Quint, Joan Cramer, Steven Perry, Cheryl Heyveld, Diana Richardson. Row 2: Kent Rode, Tom Snyder, Carol Ringelestein, Steven Termont, Thomas Thomas, John McClannahan, John Lottmann, Roger Less, Phil Knotts.

Eta Kappa Nu



Row 1: David Ellenberger, Dean Crist, Kevin Johnson, Bill Meier, Dale Penner, Shannon Lynch, Wing-il Sze, Roger Carlson, Dr. D.T. Stephenson, Row 2: John Daly, Mary O'Brien, Larry Bodensteiner, Paul Corbin, Row 3: John Kell, Ron Meyer, Rich Ketcham, Wong Yau-Fook, John Wehramcher, Row 4: Greg Dougal, Myron Klingbeil, Todd Degner, Richard Reitz, Allen Siefken, Row 5: Timothy Johnson, John M McWilliams, Jeffrey Childs, Randy Anderson, Juan Echeandia, Mike McInerney.

Farm Op Club



Row 1: Jeff Stille, Wayne Goedkew, John Guetzko, Tim Huser, Unidentified, Leon Helling, Greg Boruff. Row 2: Paul Huser, Unidentified, Unidentified, Gerald Marlay, Unidentified, Thomas Lundberg, Tom Condon. Row 3: Unidentified, John Schneider, Unidentified, Unidentified, Unidentified, Tom Dittmer, Ron Hansen, Ed Hanson.

Food Technology Club



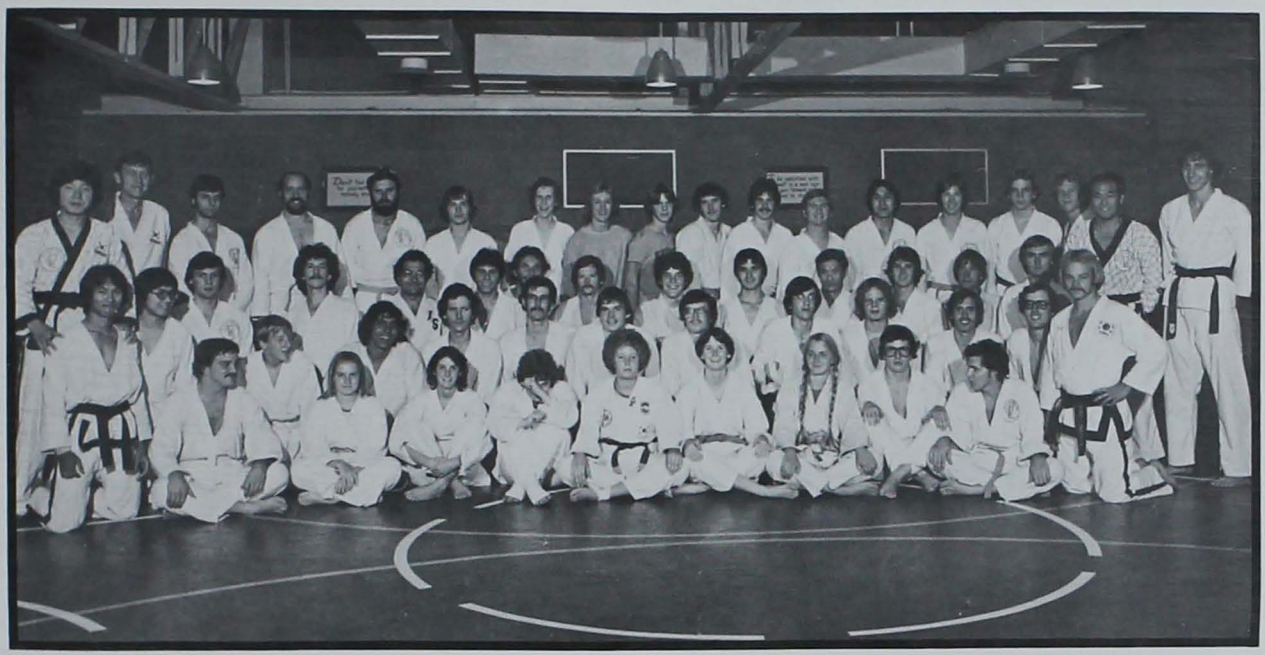
Row 1: (Kneeling) Wenchi Peter Pan, Cheryl Rogers, Nancy Teasdale, Kathy McGowan, Surapon Bunjapamai. Row 2: Ann Lett, Mike Teasdale, Dave Wiemer, Kevin Ringgenberg, Martha Osterling, Rose Hilkin, Doug Bowers, Tony Gust, Dr. Lester Wilson. Row 3: Carol Selvig, Bob Dinwiddie, Mary Hampton, Dean Koopman, Jeff Brennan. Row 4: (On stairs top to bottom) Jo Hrovatin, Deb Jacobs, Kim Carr, Linda Nelson, Deb Wardip, Peggy Gerlock, Karen Boss, Deb Polcyn, Cheryl Smith, Unidentified, Millie Efaw, Bonnie Metzger, Janet Bruekin, Sally Ryan. Row 5: (Top to Bottom) Scott Hewitt, Melanie Miksch, Jim Barrett, John Ennor, Dr. F.C. Parrish, Bob Gooden, Sam Beattie.

Greek Week '78



Row 1: Suzy Christ, Judy Burds, Susie Freed, Beth Hunt, Mary Kay Thatcher. Row 2: Doug Lange, Laura Scott, Carol Corning, Laurie Sandblom, Barb Snyder, Tina Heider, Dorothy Tapke, Ann Ytzen, Kirk Nelson. Row 3: Scott Hendricks, Doug Goslee, Sue Evans, Scott Braucht, John Streit, Cindi O'Brien, John Shinners, Les Hazelton.

Hapkido



Row 1: Dave Hammans, Vadine Earnest, Mary Hochstetler, Jane Freese, Sue Shcoger, Janet Bough, Vicky Erickson, Dennis Smith, Chris Gloery, Terry Vorgenson, Row 2: Scott Trwin, John Christensen, Bob Stralgn, Ron Cox, Paul Stumpf, Jim Cox, Jonathen L. Englestad, Peter Miller, Row 3: Art Klinpratoom, Daniel Ho, Jeff Schneberger, Edvardo Sardi, Ali Javad, Farhang Oshidari, Dave Asher, Steve Amos, Jerry Sulliven, Larry Knaden, Terry Bench, Row 4: Mr. Leo Joo Hyek, Dale Heideman, Vernei Grasiy, Chuck Joint, Mike Sack, Kim Krieg, Marty Oberman, Steve Saski, John Lorimor, Doug Bouard, Mr. Yong Chin Pak, Brian Rinebarger.

Judo



Row 1: Greg Nichols, Lanee Horbach, Bobby Bawter, Larry Roberts, Andy Smith. Row 2: Brian Simonsen, Barb Moltzen, Linda McMahon, Kate Johnson, Gary Garrett. Row 3: Yong Chin Pak, Rich Klass, Dean Hamer, Glen Schultes, John Colclough, Larry Knapton, Rich Carr.

Home Ec Ad Council



Row 1: Betsy Bowers, Karol DeWulf, Robin Miller, Laurie Larson, Raena McNeece, Karla Jensen. Row 2: Lauri Olson, Jan Piper, Ellie Swett, Dorothy Tapke, Robin Rekett, Kim Siebrecht. Row 3: Susan Suter, Laurie Frey, Barb Doermann, Nancy Dickey, K'Lynn Kuehl, Christine Nolin.

Home Ec Ed Club



Row 1: Berleen Dostal, Shirley Leaders, Julie Rodgers, Annis Jane Nelson, Paulelda Harrold, Barb Uhlenhuke, Becky Erikson, Gladys Ebert. Row 2: Laura Hunter, Christine Nolin, Linda Muller, Laurie Seward, Marlis Ranard, Julie Larson, Nancy Willis, Row 3: Laurie Frey, Marilyn Campbell, Unidentified, Wendy Scott, Row 4: Donna Beane, Donna Van Wyk, Deb Bade, Jean Wasson, Nancy Gosch, Carol Harberts, Sherrie Curtis, Row 5: Karyl Peterson, Donna Godar, Kathy Johnson, Mary Beth Matherly, Lorene Duin, Debbie Strobbe, Laurie Larson, Bev Welden, Ellen Soucek, Row 6: Brenda Brink, Jean Trazer, Sue Anderson, Sheryl Davison, Mary Jo Vittetoe, Julia Mossberg, Barb Keele, Row 7: Debbie Van Buskirk, Sandy Miller, Elleen Lewis, Sue Nichting, Paula Irwin, Row 8: Donna Brittain, Arlou Pierce, Debbie Colton, Jane Klitgaard, Row 9: Kathy Gates, Unidentified, Tracey Halvorson, Row 10: Peggy Herman, Unidentified, Marie Geake, Row 11: Paula Wehr, Suzanne Fuchsen, Lynn Acterburn, Row 12: Kathy Erlemeier, Tony Terrill, Mary Nelson, Tammy Mercer.

Lampos



Row 1: Mary Beth Howe. Row 2: Betsey Still, Peggy Schelin. Row 3: Joan Knudsen, Laura Vernon.

Sciences and Humanities Council



Row 1: Kris Wright, Beth Sipek Clow, Paul Curtis, Kelly Hake, Meg Waldmann. Row 2: Dean Russell, Rod Temeyer, Dave Sonksen, John Mattingly, Mary Carr, Donna Falcon, Beth Agard, Ken Tindall. Row 3: Dr. George Knaphus, Keith Blackman, Taco Homburg, Lynne Hoeksma, Dave Ditmarson, Kyle Pitsor, Mike McClellan, Dave Lay, Dave Zuacek-OEhler. Row 4: Cindy Johnson, Jana Henze, Rose Graupera, Vicki Nelson, Diane Ernst, Charlene Olson, Margaret Grove, Coleen Carr, Jane Moser.

Omicron Nu



Row 1: (Left to Right) Laurie Frey, Ann Hall, Julie Berg, Patricia Manikowski, Paulelda Hanold. Row 2: Barbara Bobeng, Jane Love, Lynn Davidson, Mary Creswell, Kris Krane, Elizabeth Elliott. Row 3: Sue Thuma, Nancy Honold, Cindy Anderson, Liz Knittel, Linn Gray, Rose Ohlinger, Carol A Todd, Teresa Ruter, Jill Rogers, Laura Hunter.

Phi Upsilon Omicron



Row 1: (Left to Right) Maef Letko, Rachelle Hemm, Marty Miller, Liz Knittel, Lynn Davidson, Laura Hunter, Lorraine Zelle, Janet Wulfekuhle, Jane Gresser, Carol Todd. Row 2: Lisa Vaughn, Barb Mahlstede, Gwen Myers, Barb Drees, Teri Dvorak, Ginni Barr, Cathee Christ, Cathy Schlitz. Row 3: Carol Corning, Carmen Jungst, Julie Rodgers, Sandy Gronewold, Virginia Wilson, Jane Norman, Arlue Pierce, Unidentified, LuAnn Koepke, Debra Baade, Maureen McKenzie, Darcy Gates.

Pi Tau Sigma



Row 1: Duane Eaton, Paul Kevin Erickson, Mary Wickham, Laurie South, Wendy Nelson, Kent Sunberg, Prof. W.J. Cook. Row 2: Dan Hopkins, Bill Zierke, Bill Saban, Lynn Smith, James Julstrom. Row 3: Ed Brohl, Dave Christoffersen, James Cooper, Kevin Ehrecke, Dave Kettler, Nathan Skjerseth. Row 4: James Huebener, Dana Wilmot, Jeff Ackerman, Jeffrey Balvanz, Betsy Morgan. Row 5: Dave Stienstra, Brian Muller, Steve Ebers, Steve Clark, Mike Mack.

Residence Hall Movie Commission



Row 1: Warren Lammers. Row 2: Ritchie Price, Dave Austerlade, Dave Dakms.

Rodeo Club



Row 1: Don Hummel, Advisor, Pam Chelsvig, Ben Heckart, Latona Cannon, Roxanne Randolph, David Edge. Row 2: Unidentified, Luann Kemmerer, Vane Pierce, Ron Gieseke, Roger Olsen, Randy Merchant. Row 3: Michelle Davis, Unidentified, Steve Miebuhr, Mike Olsen, Ron St. Peter. Row 4: Unidentified, Dave Corbin, Melanie Wagner, Kevin Graham, Rod Hansen.

Sigma Alpha Iota



Row 1: Joy McCully, Doreen Carstens, Nancy Tarbell, Beth Gaddis, Connie Schuelka, Vicki Sims, Kim Alger. Row 2: Joyce Moore, Sue Schacterle, Karla Killinger, Debbie Pennock, Carol Pearson.

Sketch



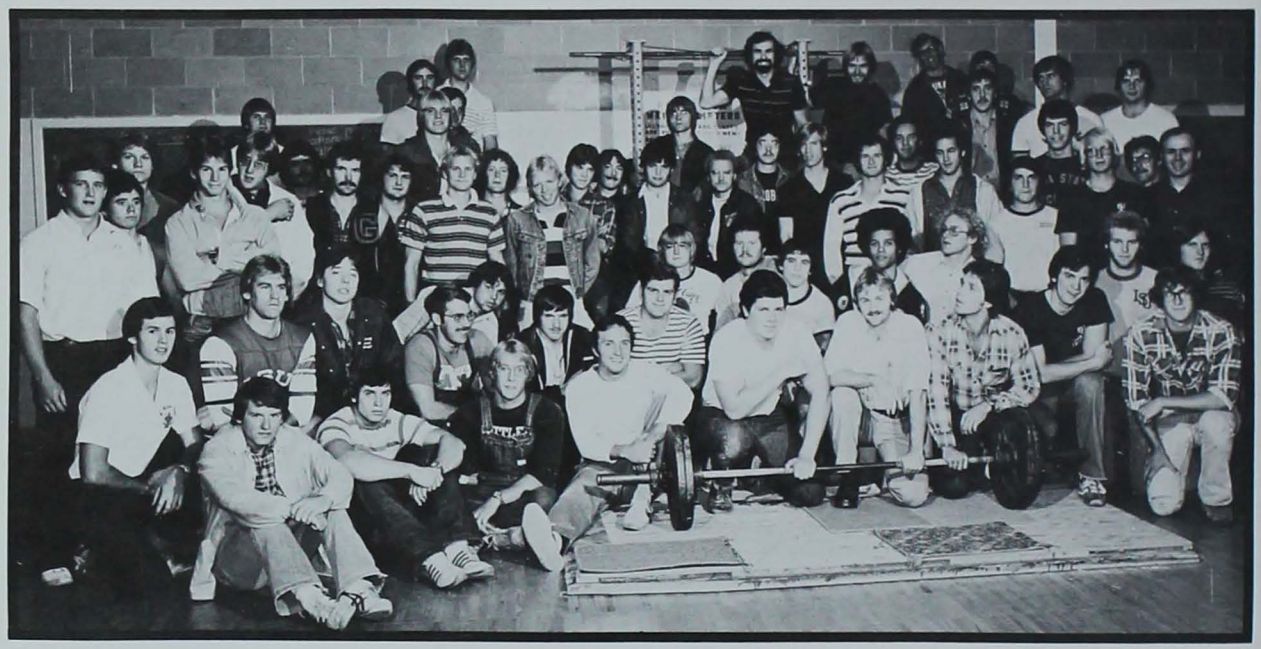
Row 1: Glenda Huntsman, Barbara Beal, Elise Tamiesiea, Vicki Shannon. Row 2: Michelle Seeds, Nancy Stoner, Mark Snyder, Linda Fredregill, Kolleen Taylor, Bill Jacobs, John Arends.

Textiles & Clothing Club

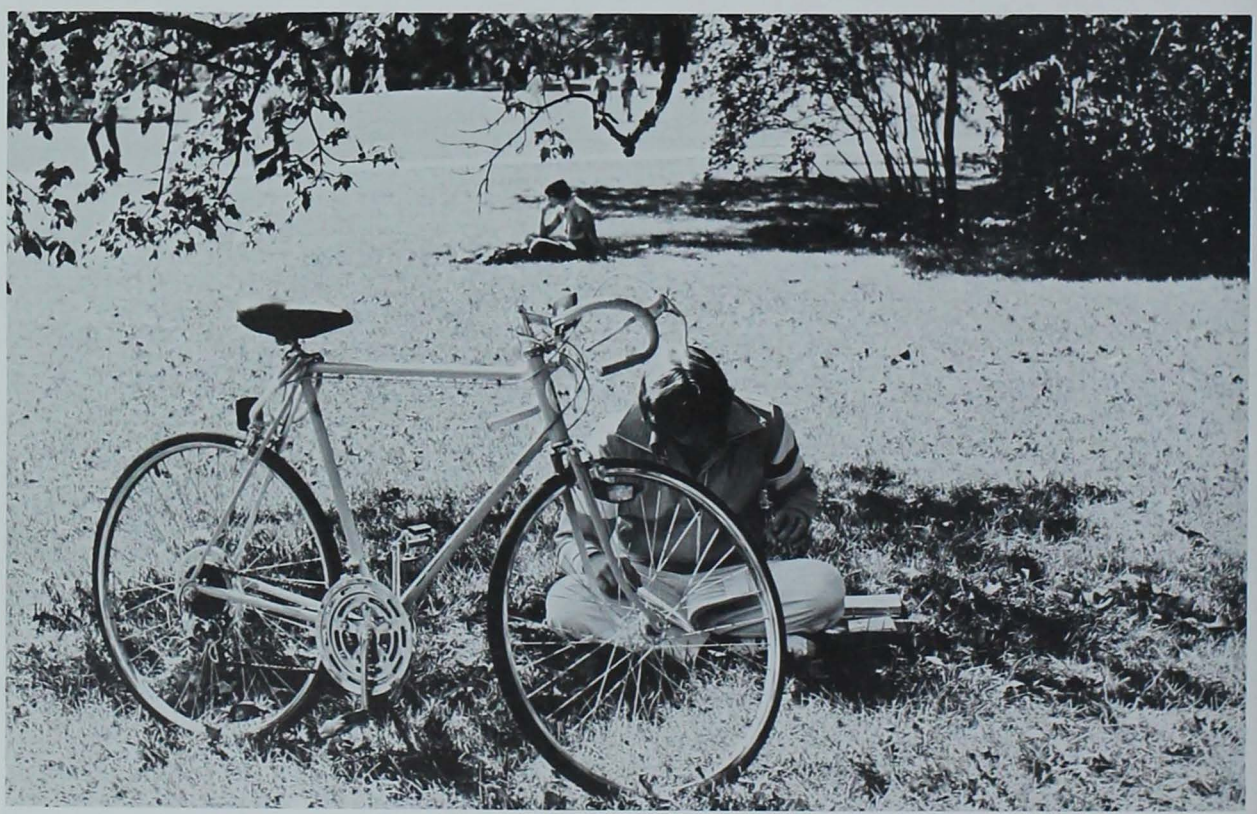


Row 1: (Left to Right) Doris Siverson, Sue York. Row 2: Lois Hessing, Marcia Wielenga, Cindy Hintz, Ann Whitmer, Janet Wulfkuhle. Row 3: Debbie Wassom, Sue Wolf, Darcy Gates, Carol Todd, Kris Mather, Jeff Steinhart, Lauren Junkhan, Josephine Petrick, Julie Birchmier, Rokyn Workman, Beth Durspek. Row 4: Donna Gray, Liz Nizzi, Pam Heun, Bobbie Munson, Karen Culp, Patricia Manikowski, Sheawn Walgrave, Ginni Wood, Barbara Heflin, Joan Danker, Mini White. Row 5: Patrice Englesen, Kathy Wray, Robin Rekett, Sue Roloff, Arlue Pierce, Shelley Lein, Sheila Madden, Lorys VanHemert, Krista Weih, Gayle McEowen, Holly Vogt, Cheryl Auer, Barb Osgood, JoAnne Wendl. Row 6: Tabitha Gottschalk, Cindy Wichman, Ann Harklau, Cheri Hecox, Sarah Maurer, Kathy Clatt, Beth Gillespie, Laura Branchini, Paula Irwin, Jane Klitgoard, Cindy Chenhall, Jan Peterson, Sue Ann Johnson, K'Lynn Kuehl, Dorothy Tapke, Marnette Nelson, Kim Siebrecht, Lorine Etheridge, Lois Roorda.

Weightlifting Club



Row 1: Unidentified, Unidentified, Steve Losby, Rick Schmid, Rich Heller, Rich Gates, Tim Harmon, Mike Flynn, Unidentified, Row 2: Unidentified, John Zawistowski, Chris Voss, Unidentified, Dave Wenthe, Max Peterson, Mike Kretzinger, Randy Goben, Doug Switzer, Mike Faring, Bill Rand, Less Redenbaugh, Bob Berger, Unidentified, Row 3: Unidentified, Dan Stump, Jeff Server, Bob Radler, Unidentified, Steve Culp, Brent Sunderman, Rich Bell, Bill Croghan, Unidentified, Todd Mattison, Unidentified, Dave Goerndt, Gary Anderson, Kevin Parmer, Gary Wiren, Ray Opila, Unidentified, Steve Rollam, Unidentified, Brad Howe, Ray Simmons, Unidentified, Jeff Quell, Unidentified, Unidentified, Gerry Maas, Chris Vanderholm, Unidentified, Joe Rodulavic, Mark Birchmier, Mike Jensen, Jim McCasland, Dave Mickelson, **Bob Masech, Mark Cummins, Jim Rasmussen, Kevin Murphy.**





YMCA/YWCA SHEDS THE WHOLESOME YOUTH IMAGE

Picture proper young Christian ladies seated in a circle with hands neatly folded discussing current issues of the day.

Picture a large indoor swimming pool filled with wholesome young Christian men cheerfully splashing and swimming to their hearts' content.

Label the pictures YWCA and YMCA.

And then forget everything you've seen.

"The YWCA is not a bunch of quiet Christian ladies with hands folded in their laps," said Jeanine Coupe Ryding, office coordinator for the Ames, Young Women's Christian Association.

Neither is the Young Men's Christian Association merely a gym for the guys to work out at, according to Ames YMCA Campus Program Director Donna Ruden.

The Ames YWCA and YMCA offices are located in opposite ends of Alumni Hall on the Iowa State campus. Besides sharing the hall and three letters in their names, the YWCA and YMCA share a common purpose, the betterment of the quality of life for the individual.

The YWCA seeks to help the individual through its national purpose, the elimination of racism and sexism, specifically in the Ames community.

"We want to break barriers between people," says Susan Newcomer, YWCA acting executive director. "There is even isolation between the University and Ames communities, and we try to alleviate that through our outreach programs in the dorms and community."

One project dealing with the YWCA's main purpose is the Saturday morning project, a program for 5 to 11 year olds of different racial and ethnic origins. Winnie Huger, new at the Y this year, heads up the program with the goal of teaching children to develop an appreciation of different cultures through stories, games, crafts and food.

Wednesday Noon Lectures held at the YWCA are also used as a means to educate the community on racism and sexism.

The YWCA, which is the oldest autonomous women's movement in the United States, also offers programs, seminars and lectures on a wide variety of subjects ranging from fitness, loneliness, general household maintenance and theology to assertiveness training.

Other YWCA activities include a "Sex In Your Head" program. "We reached over 2,000 students with 'Sex In Your Head' last year," explains Women's Health Coordinator Heather Johnson. "The program dealt with human sexuality and the responsibility that goes with it."

Women's Week, athletics, and birth control counseling are additonal pies which the Ames YWCA has a finger in. The organization is locally funded by the GSB and United Way.

"Many people think of the YWCA as a society for young Christian ladies," say Ryding and Newcomer. "The facts are that we are not all young, not all women (men can be associate members) and not all Christian. We are, however, women committed to action!"

At the YMCA the lobby in Alumni Hall the emphasis is also on people helping people.

"We serve many different needs," says Ruden.

"Our goal is to promote a total and well-rounded quality of life for the individual."

The Ames YMCA, which administers Alumni Hall and is also funded by GSB and United Way, offers a varied menu of university and community-oriented programs. Ruden oversees the operation of Catacombs, Quarterstove and the International MYCE Baar.

Cal Murdock, the Y's new community programs director, is in charge of the YMCA Outdoor Education Program. Lynn Fuhrer Lodge, located northwest of ISU, is used for meetings, retreats, educational programs, social events, day camps and camping.

Murdock is also in charge of the YMCA outreach Pals program. Making use of student volunteers, the Y offers two separate Pal Programs with the cooperation of the Ames community school counselors and the Woodward State Hospital School staff.

Ames Pals work with Ames community children; Woodward Pals involves mentally handicapped adult residents of Woodward State Hospital/School. Both programs are based on a one-to-one match between a volunteer and a Pal to provide friendship, companionship and learning experiences for both.

The emphasis is on volunteerism at the YMCA. "Volunteers make our natural food restaurant, Catacombs, MYCE Baar and of course, the Pal Program work," said Ruden.

Other YMCA programs include open houses, children's day camps in the summer, workshops, Sioux Indian Christmas Toy and Fund Drive, Sioux Indian YMCA Exchange participation in the Ames Competitive Swim Club and



even social dance.

People helping people and people serving people are what the Ames YWCA and YMCA are all about. These two energetic groups don't have time to sit in prim circles or splash in swimming pools— the YWCA and YMCA are women and men committed to action!

-Deb Bell

BONES BECOME ORGANIC ERECTOR SET

Stamp collecting, coin collecting, even baseball card collecting are pretty common hobbies, but bone collecting?

That's the question many people raise when they come upon the bone collections of Paul Meenan, JLMC-4, and Bob Antol, Math-4. The two friends actually do collect bones, bones from animals of all kinds, including dogs, rabbits, cats, raccoons and deer.

Beginning two years ago, the hobby has now become an obsession, as Meenan puts it. This was proven true by Antol one summer when he found a cat's skull in a field while exploring.

"My mom told me she didn't want any dead animals in her car, so I put the skull in a bag and held the bag out the window all the way home," Antol explained.

Meenan and Antol began collecting bones two years ago. Antol found the pelvis of a collie in a field, took it home and cleaned it up.

"By trial and error I ended up using bleach and boiling water to clean them. After I got the pelvis cleaned, I went back to the field and found the rest of the skeleton bones, arranged them and glued them together," Antol said.

Antol brought his skeleton to school and the men in his dorm house began contributing to his bone collection. Meenan caught the fever and collecting became a competition between the two for "weird things."

Elmer's glue and wire are the two tools of the trade for the assembly of bones. A popcorn popper is another tool for Meenan, used for boiling bones in at school.

"You have to boil the bones to get all the skin and flesh off," Meenan said.

Because neither of the two collectors are anatomy majors, one may wonder how they know where to put what bones.

"The bones fit like a puzzle and are fairly easy to assemble, Meenan said. When Antol first began he went to the library and looked at a book about the skeletal system for the dog.

Full and partial skeletons aren't the only thing Meenan and Antol build with their bones. A raccoon skull combined with a small wooden box and lightbulb serves as a nighlight for Antol. Bookends and coat hooks are other items of interest, and Meenan wants to build a table with deer's feet as the table legs.

Meenan also wants to make a music box out of a turtle for his next project, he said.

Reactions to the bone hobby are mixed, the two friends said, and range from disbelief to humor. After a feature article in the *Daily* last fall, and also a five minute feature on WHO-TV, people "looked at them funny," they said.

Meenan and Antol said they enjoy their hobby. Antol said he learned at least one thing from it—that animals don't need braces.

"They must not eat candy because lots of them have perfect teeth," he laughed.

Plans for the future include getting a coyote, raccoon and fox for Meenan, and a beaver and mink for Antol.

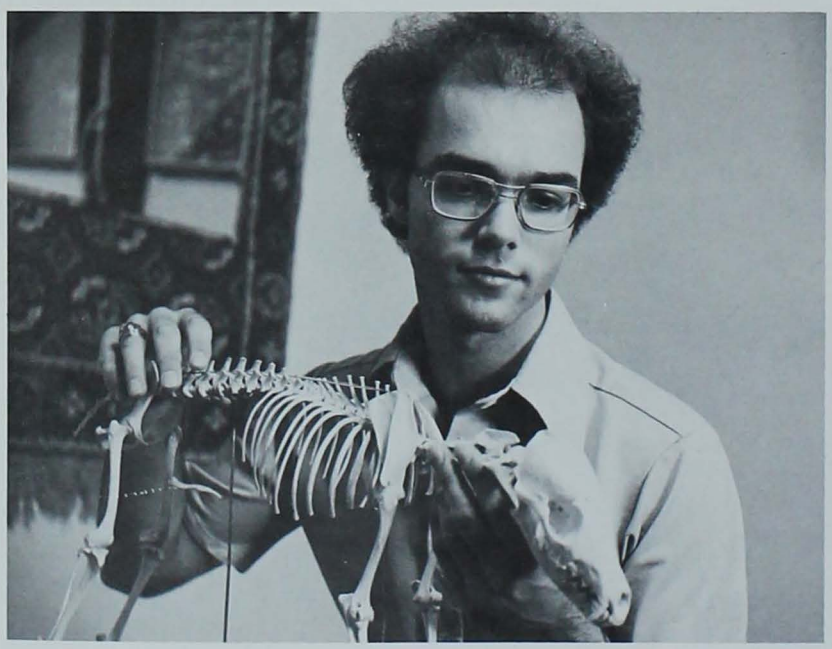
"We've thought about getting a human skull, but someone told us they were pretty expensive. If we found one I don't know if we'd do anything with it or not."

"We're definitely not going to do any grave robbin though," Meenan grinned.

—Beth Jasper



(Above) A possum head, a deer's back, pheasant feet and a mink tail combine to become a creation Meenan said was "just for fun."
John Riches



(Left) Antol adjusts the skeleton of one of his completed projects, a dog. He says the bones are fairly easy to put together because they "fit like a jigsaw puzzle."
Paul Meenan

Block and Bridle



Row 1: (Left to Right) Lori Schroder, Heidi Sauser, Karo Mikaelian, Brian Garrels, Sue Farrow, Mark Fischer. Row 2: Sherieda Bender, Sarah Brown, Kim Maynes, Jim Calvert, Randy Millsap, Deb Hoffmann, Brad Knudson, Mary Thumma. Row 3: Jack Tank, Leonard Broberg, Eldon Droessler, Sandy Hinck, Liz Venner, Tammy Rueckert, Dee Lillie. Row 4: Dale Ritter, Nancy Hibma, Jim Peters, Gerald Turnbull, Joe Broders, Brian McCulloh, Jan Powell, Steve Thompson, Hal Maddox, Melanie Wagner, Gary Owens, Becky Behn, Roy Budlong.



Row 1: (Standing) Dr. Joe Sebranek, (Standing) Dr. Daryl Struhbehn, Kathy Inman, Loren Jackson, Bev Schmitt, Paula Russell, Ted Greiman, Mary Kay Thatcher, Dave Williamson. Row 2: (Standing) Jeff Wolff (Standing) Clarence Loynachan, (Standing) Dick Steele, Cindy Carlson, Dean Friederichs, Dana Hansen, Jim Klindt, Randy Rosenboom, Dave Bosma, Barry Johnson. Row 3: John Sweeney, Jayne Pierce, Jeff Cornick, John Wilson, Dave Julius, Kim Kadolph, Kurt Forman, Kris Blosser, Cindy Casey. Row 4: Paul Flakoll, Kurt Kenney, Steve Miranda, Diane Schurr, Jane Carver, Michelle Davis, Pat Finck, Rick Williams, Doug England, Greg Paper, Pam Chelesvig, Clif Conover, LuAnn Kemmerer, Kirby Goettsch, Dixie Hoffman.

PHI KAPPA PHI

The Iowa State University chapter of Phi Kappa Phi was founded in 1911. Each year the society invites into membership the upper one-sixteenth of the graduating seniors and the upper one-tenth of the eligible graduate students.

The honor society embracing all fields of learning at Iowa State University congratulates and proudly presents its undergraduate and graduate scholar-initiates for the 1977-78 Academic Year.

Kimberley Abbey
Juan Agustin Allende
Orley M. Amos, Jr.
Cynthia Kay Anderson
Keith Alan Anderson
Larry D. Anderson
John C. Arends
Sally Utley Asefa
Tom G. Aspelund
Gene Allan Badtram
Carol R. Bahls
Mirza M. S. Baig
Mary Eldridge Bailey
Jahn Marie Haynes Bartelt
Roger Becker
Kathleen Louise Beilke
Rebecca S. Bell
Timothy A. Bender
Myrtle Cooke Bennett
Julie Ann Berg
Randy B. Beumer
Biswanath Bhattacharyay
Diana Gelene Bloethe
Debra Johannville Boetto
Karen J. Boss
Richard J. Brandau
John Kim Brayton
Dennis J. Brown
Holly M. Brown
Barbara J. Bruene
Dale Alan Brunotte
Dalene T. Bubeck
Rhonda Joy Budlong
Jane Ewing Burda
Debra Ann Burger
Judith Kirk Butler
Ronald Dean Canaday
Teresa Maria Cardamone
Craig Allen Carradua
Cameron Hugh Cathey
Vicki Jo Chandler
Micheal A. Chibak
Audrey Fisher Chowdhury
Timothy F. Christensen
Paul William Claar II
James T. Colbert
William Colclough
Steven Gray Colgrove
Karen Cynthia Conrad
Fernando J.R. Couto
Mary Kathleen Creswell
Susan Carol Critchlow
Rosemary Shea Croop
Vivaldo Francisco da Cruz
Mary E. Cunningham
Jeffrey L. David
Lynn Marie Davidson
Richard Dickeson
David Roger Ditzel
Richard J. Donovan
Linda Lu Dvorak
Lois E. Eakley
Susan Fernow Eick
David J. Ellenberger
Mimi Milner Elrod
Connie Beth Fanselow
David A. Farus
Melinda A. Faulkner
Jamea A. Fawcett
Sharon J. Fester



Larry H. Ebbers
Chapter Vice-President
1977-78

Jananne Finck
Nancy Fish
Barbara Jean Flannery
Pamela Jean Frederick
Lucinda A. Frederickson
Jose Luiz de Franca Freire
Stephen A. Frost
Dennis A. Funk
Stephen S. Gee
Adly A. Girgis
Randy Wayne Goben
Sharon L. Goodlaxon
Larry G. Gordon
Mary Linn Gray
Thomas Hobson Greiner
Daniel Leonard Griffen, III
Chi Manh Ha
Susan Synn Haberman
Mary Dorothea Halverson
Micheal D. Hamers
Harold J. Harder
Shirley Jean Harder
Allen G. Harmsen
Charles E. Harris III
Kathleen Harris
Paulelda Harrold
Debra Lee Hazelton
Roger Allen Heckman
Robert Leo Heiberger
Sharlene Marie Heirigs
Janine Elizabeth Hemphill
Sallie M. Henry
Patricia Marie Herman
Galen G. Herr
Diane C. Hills
Wilfred Bernard Holloway
Mark J. Holmberg
Nancy J. Honold
Gerald G. Hora
Linda Lacock Horan
Mary Clarke Horvath
Janet Ruth Hulse
Shirley D. Hulse
Laura J. Hunter
Theodore Hutchcroft
Christopher D. Jackson
Dixie M. Porter Jackson
Tim E. Jackson
Debra Kay Jacobs
Gerald Wayne Jansen
Bradley G. Jensen
Cynthia Johnson
Gene M. Johnson
Julie Ann Johnson
Paul J. Johnson
Sandra Kay Johnson
Steven K. Johnson
Steven W. Jorgensen
Marvin L. Judkins
David Todd Julius
Karen Ann Karal
Michael T. Kelly
Kristine Kay Kimberley
Myron Klingbeil
Shirley K. Klinsky
Kevin Scott Klopfenstein
Elizabeth Knittel
Joan Elizabeth Knudsen
David Martin Koeller
Lu Ann Marie Keopke
Charles Richard Komp
Michael Dean Koob
James Daniel Kramer
Kristin Marie Krane
Diane Kubicek
Linda Lee LaGue
Miss Debra Jo Langenfeld
Gary Craig Larsen
Lois Jean Dukenshier Lawson
Margaret Ellen Layton
Jill Ann Lehman
Yat-Chiu Lee
Maef Letko
James David Libbin
Timothy E. Lindquist
Jane Louise Lohry
Carolyn Sue Lueder
Neill L. Lund
Sheila Kay Lundt
Mary Catherine Lutz
Frances E. Lyon
Patricia Lu Manikowski
Stacy Lynn McGauvran
Terrance J. McKeighan
Desh Paul Mehta
Joyce Marie Meier
Renee Julia Melly
Douglas J. Meyer
Douglas S. Meyer
Barbara Jane Mitchell
Ann Donham Molison
Brian Lee Moore
David K. Monson
Michael James Monson
Betsy Dale Morgan
Michelle S. Mostrom
Nancy F. Mouser
Charlene G. Mulvaney
Karen L. Murphy
Cindy Louise Myers
Beverly Joan Nelson
Cara Kay Nissen
Han Van Nguyen
Thuy-Hoa Nguyen
Paul A. Oberbroeckling
Debra Charlene Odegaard
Beatrice Asantewa Ofei
Karen J. Olson
Thomas Howard Ortmeyer
Stephen Lee Parsley
Paul V. Paulsen
Carol Ann Pearson
Anne E. Pellett
Debra Joann Pennock
Steven W. Perry
Liane Rausch Petersen
Amy Elizabeth Peterson
Terrrence J. Petesch
Kent Paul Pflibsen
Jean A. Presteman
Mary Lynne Price
Stephen M. Quinlan
Firoz M. Rassiwalla
Randall Joseph Renze
Diane Porter Rhoades
W. Fredrick Riddle
Carroll D. Ringelestein
Thomas Benjamin Robel
Julie Ann Rodgers
Jill Ann Rogers
Rosalie Black Rollenhagen
David Lee Rousselow
Dennis M. Rosauer
Craig A. Rowley
Mari Bendlage Rude
Teresa J. Ruter
Wayne Edward Tychnovsky
Ahmet Mete Saatci
A-Aziz A. Sabri
Gregory A. Sandord
Jerome Byrne Schaack
Allan P. Schinckel
Jane Ann Schnoor
Sue Alice Schroeder
John C. Schuppert
Kent J. Schwartz
Dale Sigmund
Mary E. Shacka
Gwendolyn Lee Shaver
Cameron Short
Mary Lisa Skarshaug
Gillian Elliott Smith
Marlene K. Smith
Richard L. Snyder
Heather L. Soladay
Debra Jane Squire
Patricia Nordin Stadler
Kevin L. Steffey
Roger V. Stephenson
David I. Stienstra
Jeffrey A. Strang
Joan L. Suchomel
Kent Nolan Sunberg
Cynthia Ann Sunderman
Debra D. Susie
Sandra Ruth Sykes
Wilfred E. Tabb
Constance Mae Tanczo
Jack Christian Tank
Wang Tang
Kathryn Rose Tanner
Charles Raymond Tass
Nancy Ann Taylor
Mark Templeton
Michael C. Thielmann
Randall Max Thies
John L. Thomas
Kimberly Ann Thuente
Susan Lynne Thuma
James Patrick Tobin
Carol Jean Todd
Carol L. Todd
Barbara Eileen Toot
Mark L. Tripp
Mark Dean Vogt
Beatrice J. Trettin Volk
Audrey Coxbill Wacha
Susan Jane Walden
R. Jane Waldorf
Steve Bradley Ward
Lori Jo Wasson
Judith Meredith Weeden-Morris



Melvin S. Hofstad
Chapter President
1977-78

Betty Lynn Wells
Diana Lynn Whipple
Steven C. Whitty
Dean L. Wilde II
Paul M. Wiley
Jerry L. Wille
Steve Williams
Dana J. Willig
Alice Thieman Woods
Brian Newton Woolley
Ann Christine Worsing
Sherwood L. Yoder
Richard Henry Zeimet
John Edward Zmolek



SAA Exec Committee

"Students Helping Students", the motto of the Student Alumni Association (SAA) symbolizes everything the SAA strives for. From showing prospective high school seniors around the campus to helping ISU students find a summer job, the SAA is helping others.

The nucleus of the SAA is the executive committee which is made up of the president, Betsy Still Thompson; vice president, Jim Packer; secretary, Lori Brandt; treasurer Phyllis Vance; and the chairpersons of the various committees. The executive committee unifies the organizational efforts and oversees all SAA activities.

The president of the SAA is elected by the outgoing executive board, and the committee chairpersons are selected by an interviewing process.

The chairpersons are responsible for sub-committees of from 12 to 35 outstanding college students who are all selected through interviews.

Need to know how many bricks are in the campanile? Ask a Cyclone Guide, who has the answer to this question and many more concerning ISU. Cyclone Guides, headed by Louis Beck, sponsor a Cyclone Day for outstanding high school seniors every quarter. They also give campus tours to any interested groups.

The Student Ambassadors are co-chaired by Julie Mommsen and Mike Grandgeorge. The Ambassadors travel throughout Iowa and surrounding states to visit with high school seniors interested in attending ISU.

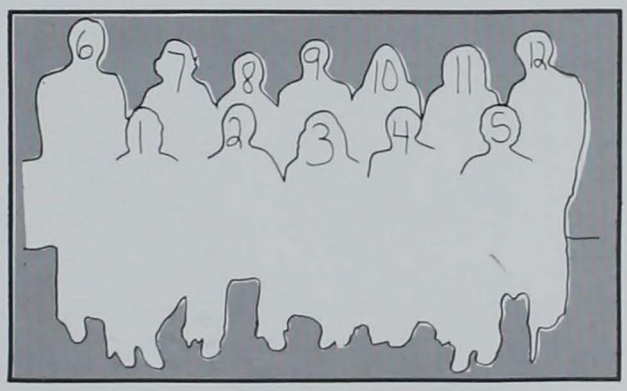
Sumer Jobs Day Committee, chaired by Randy Gay, sponsors a day every spring when employers come to ISU to talk with students about summer job opportunities.

Another committee, Parents/Alumni Relations chaired by Sue Gulliford, plans parents weekend in the fall and Founders Day in the Spring.

Senior Class Council, chaired by Senior Class President Jeff Raun, plans the activities for the Senior Class and gives the Senior Class gift. A series of seminars were sponsored this year by the council covering topics such as how to interview for a job and tips on establishing credit for the young graduate.

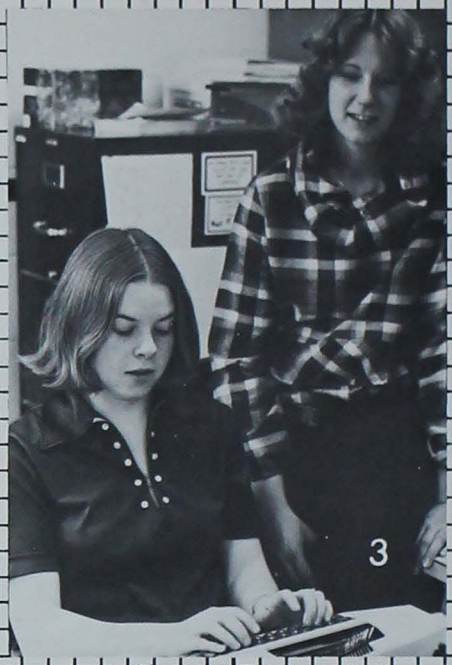
The Publicity/Public Relations Committee chaired by Julie Demastus, coordinates promotion activities for all of the SAA activities and does the designing for everything from buttons and T-shirts to writing advertisements and brochures.

The SAA is always looking for new programs to develop and enthusiastic student leaders to make them work.



1 Carla Nelson, 2 Mike Grandgeorge, 3 Sue Gulliford, 4 Louis Beck, 5 Phyllis Vance, 6 Jim Packer, 7 Julie Mommsen, 8 Lori Brandt, 9 Jeff Raun, 10 Betsy Still, 11 Julie Demastus, 12 Randy Gay.



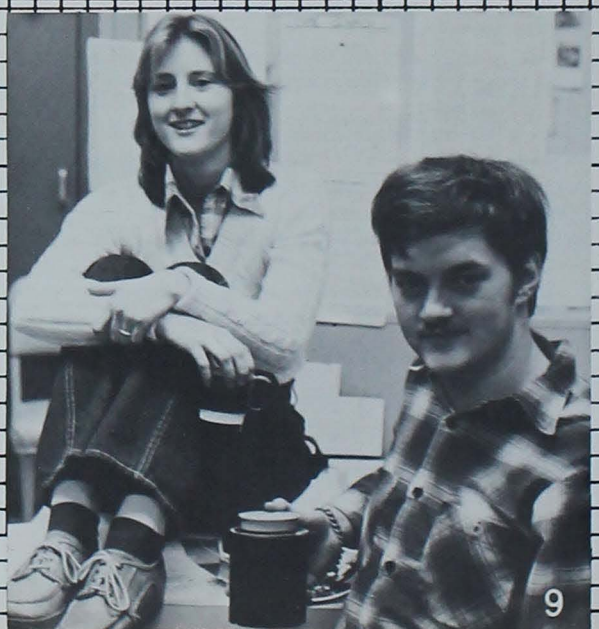






Bomb '78

1. Kerry Gibson and Trudi Rebsamen, sports co-editors; 2. Sue Eckert, housing and indexing editor; Liz Herigstad, sales and promotions director; 3. Mary Eldridge Bailey, seniors editor; Lori Specht, assistant seniors editor; 4. Anne Gross, editor-in-chief; 5. Patti Douglass and Lory Stille, academics co-editors; 6. Beth Jasper, activities editor; Gwen Kuhrt, arts and entertainment editor; Warren Wolfswinkel, events editor; 7. Karl Friederich, faculty advisor; Janice Wells, secretary; 8. Bob Stenberg, darkroom technician; Cathee Christ, artist; 9. Liz Robak Carpenter, lifestyles editor; Ted Lewiston, assistant lifestyles editor.





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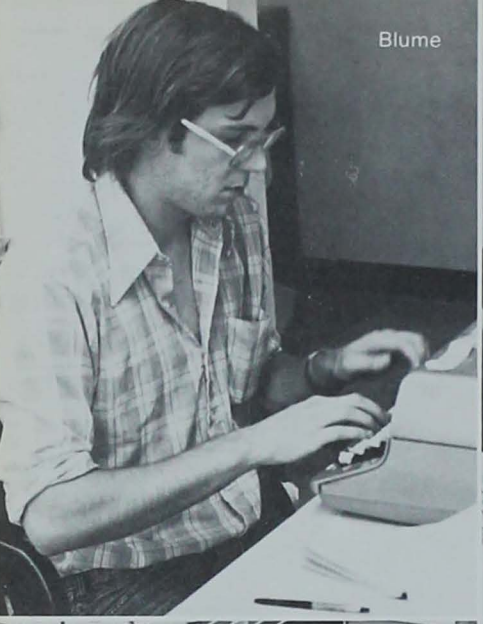
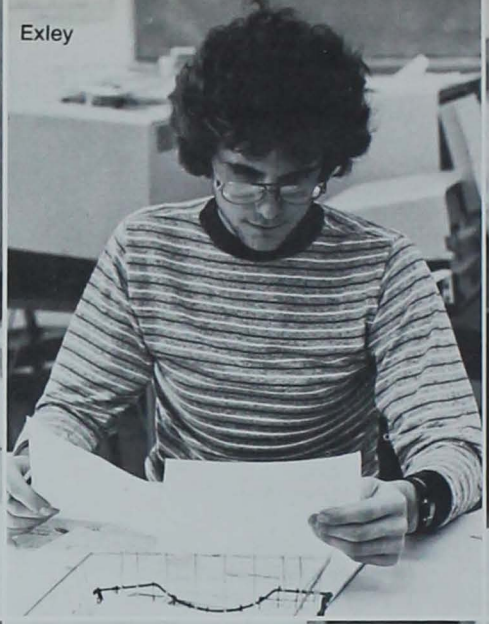

Blume


Exley


Ludwig

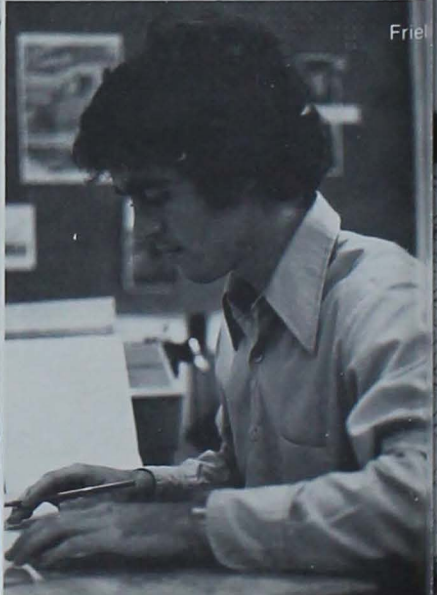

Dawson


Young


Phipps


Rutz

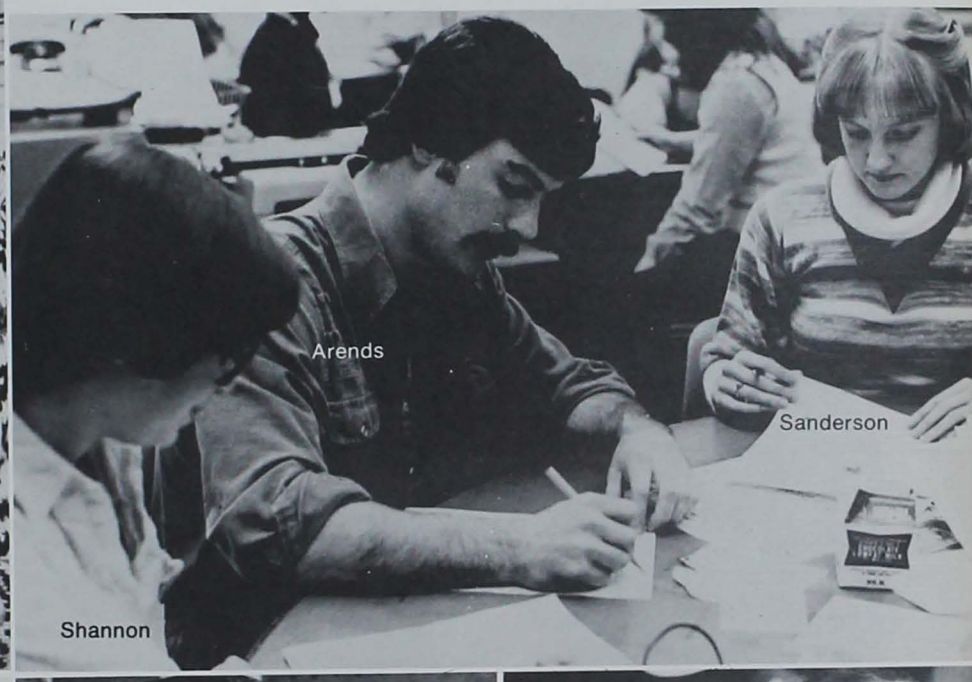

Bruce


Friel

the iowa state daily

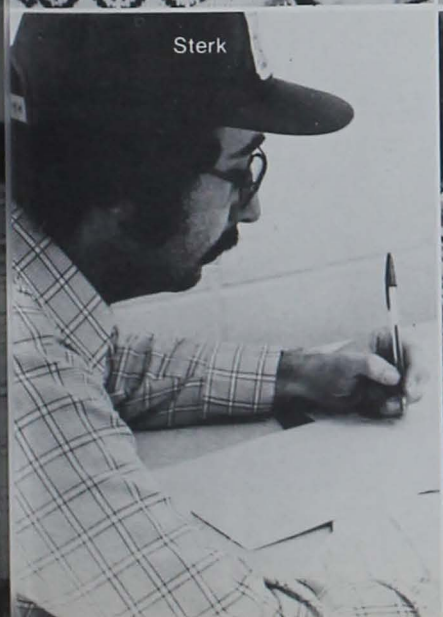

Hansen

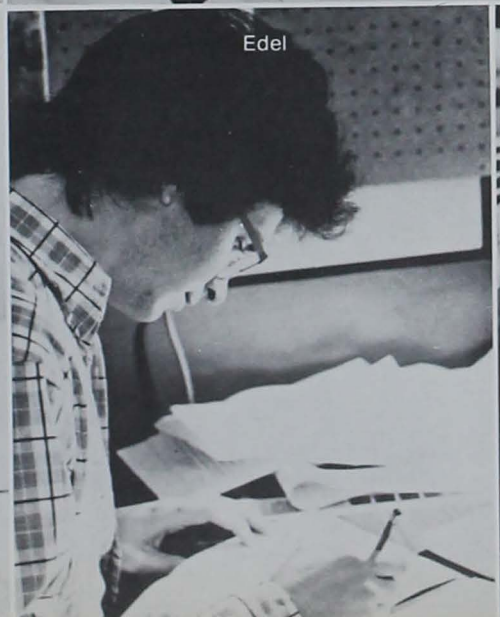
Tom Hansen, Editor-in-Chief; Steve Exley, University Editor; Ken Sidey, Asst. University Editor; Rick Edel, Editorial Page Editor; Nancy Phipps, City Editor; Cathy Ludwig, Features Editor; Kolleen Crandall, News-Layout Editor; Dale Young, Photo Editor; Randy Miller and Julie Rutz, New **Dimensions** Co-editors; Jim Blume, State Editor; Carol Pearson, Asst. State Editor; Jan Sanderson, John Arends and Vicki Shannon, Copy Editors; David Dawson, Sports Editor; Vickie Sanders and Karen Bruce, Arts and Entertainment Co-Editors; Ron Sterk, Agricultural Editor; Tom Roth, Night Editor; Tom Friel, Illustrations Editor


Arends

Sanderson

Shannon


Sterk

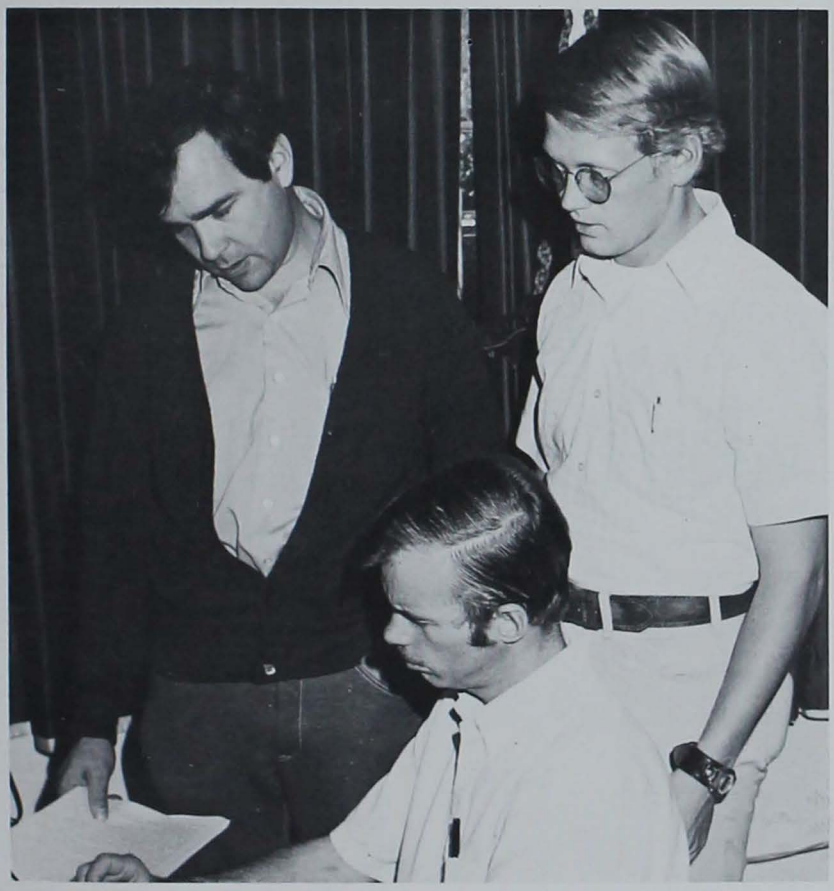

Edel


Crandall

people and sports

LIFE HERALD





(Top left) Dan Benson, staffwriter, Ruth Genskow, editor, Craig Coria, Jan Warren, Marcia VanDyke, staffwriters. (Bottom left) Barb Rahn, photographer, Dan Bergland, advertising manager. (Top) Dave Laugerman, lay-out editor, Melanie Ramerth, lay-out. (Above) Ed Hofmeister, Randy Hubbard, sportswriters, Ev Cherrington, sports editor.

Department of Military Science



Lt. Col. Rex Frazer serves as head of the Military Science Department.

Army ROTC

The concept of offering Army ROTC to students on college campuses is perhaps best explained in the words of Dr. Lee S. Dreyfus, University of Wisconsin at Stevens Point.

"ROTC is not the presence of the military in the university, but rather the presence of the university in the military."

Through ROTC, there is a chance for students to bring diversity of education and contemporary ideas into the Army. They can put these ideas to use from a position of leadership and enable the Army to relate to the thoughts and feelings of society.

The Military Science Department's purpose is to develop qualified students to be officers in the U.S. Army. There is no obligation prior to entering the last two years of the program, referred to as the advanced course.

The two-year program is designed for undergradute, graduate or transfer students who did not take the first two years of Military Science but have two years of college courses remaining. For the first two years of ROTC, substitutes either a paid six-week summer camp at Fort Knox, Kentucky or an unpaid on-campus program consisting of Military Science courses offered during the first summer session. Either will qualify the student to enter the advanced course of the regular four-year program with the same pay and provisions as the four-year students and the same obligations after commissioning.

Veterans returning to college, will in most cases, go right into the advanced course because their time in service will replace the basic course. Maximum age for commissioning is 32 years.

Military Science is a co-educational program. Women can register for ROTC on the same basis as men, take the same instruction, and be commissioned in the same way.

Virtually all of the 388 officer specialties are open to women with the exception of the combat areas of infantry, artillery and armor. Some of the available areas are computer programming, intelligence, telecommunications, personnel, finance, education and research and community relations.

One and two-year scholarships are available to any outstanding young man or woman in college. The two-year is designed especially for students who were unable to take ROTC their first two years of college. The one-year scholarship is available to any outstanding person enrolled in their first year of the advanced course and will be effective for their last year of the course.

The number of credit hours of Military Science courses that count toward a student's minimum degree requirements varies by curriculum. Most curricula allow all of the advanced Military Science program, and over half of the curricula allow all Military Science courses as part of the minimum number of credits for a bachelors degree. Also, in more than half of the curricula, students may take a minor in Military Science. All Military Science courses count toward a student's cumulative grade point average.

Military Science graduates who want to earn an advanced degree before entering active duty may, under normal circumstances, receive a deferment to complete full time graduate studies. They may also compete for attendance at professional schools, such as law and medicine, before going on active duty.

Army ROTC I



Row 1: William Jennings, David Rauch, Bruce Fodness, Leslie Dawdy, Michael Clemons, Merrill Dunbar, Row 2: Roger Brown, George Weaver, James Goodson, Chris Cleveland, Dan Steinke, Jeff Lingren, Row 3: Peter Murphy, Whit Scully, Steve Schirm, Leann Little, Carol Krafka, Susan Shellabarger, D. John Radio, Robert Wetherbee, David Moss, Shuh Tung, Joel Lowman, Robert Brandenburg, Kimberlee Fall.

Army ROTC II



Row 1: Roger Kessler, Karen Kelly, Michael McFarland, Terry Peters, Unidentified, Susan Hopper, Row 2: James Rupp, John Sterner, Timothy McTaggart, Jack Seabroke, Harold Hommes, Antoinette Peterson, Row 3: David Dunaway, Marc Miller, Eddie Ross, John Lichty, Mike Bowden, Unidentified, Tom Eitel, Todd Turner, Brian Moore, Row 4: Edwin Cook, Wayne Blanchett, Kevin Lonergran, Unidentified, Cynthia Hallberg, Unidentified, Mary Ann Rockrohr, Keith Laney, Brian Oeffner, Earl Dinkler.

Rifle Team





1 Karen Kelly, 2 Michael Carnahan, 3 Susan Shellabarger, 4 Charles Sigrist, 5 Chris Cleveland, 6 Peg Thomson.







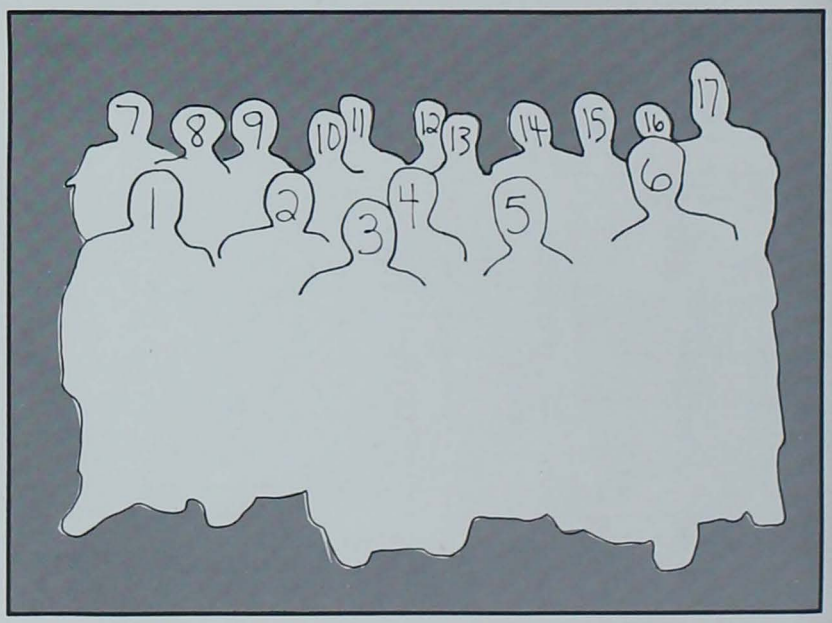




Pershing Rifles



1 Peter Murphy, 2 Mikel Koschmeder, 3 Kevin Lonergran, 4 David Ranch, 5 Earl Dinkler, 6 Jeff O'Neill, 7 Kimberlee Fall, 8 Jeff Ellis, 9 Robert Brandenburg, 10 Michael Carnahan, 11 Steve Schirm, 12 Peg Thomson, 13 Chris Cleveland, 14 James Goodson, 15 Brian Moore, 16 Mary Ann Rockrohr, 17 SFC Coburn.



Navy ROTC



Color Guard (L-R) Bill Delaney, Mark Gilbert, Dan Zeller, Kerry Burkholder, Gary Mineart, Steve Untz, Larry King.



Society of American Military Engineers Row 1: Jeff DenHerder, Dennis Sorensen, Steve Untz, Randy Tanaka, Row 2: Dan Zeller, Herbert Tinger, Carl Gutzman, Jim Huebener, John Crow.



Rifle Team Row 1: Mark Stevens, Dave Caslin, Mark Jenson, Joe Boe, Row 2: Gregg Larson, James Gunhus, Tom Kline, Gary Oles.

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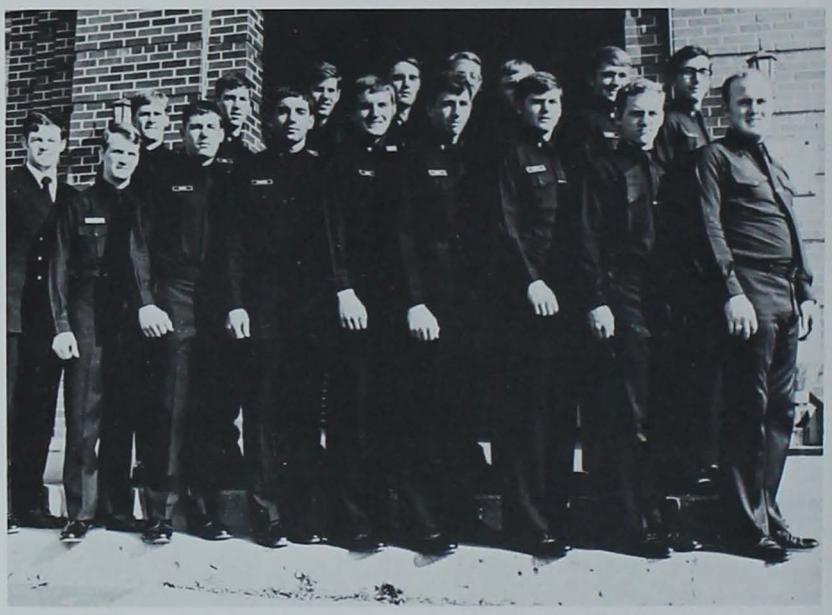

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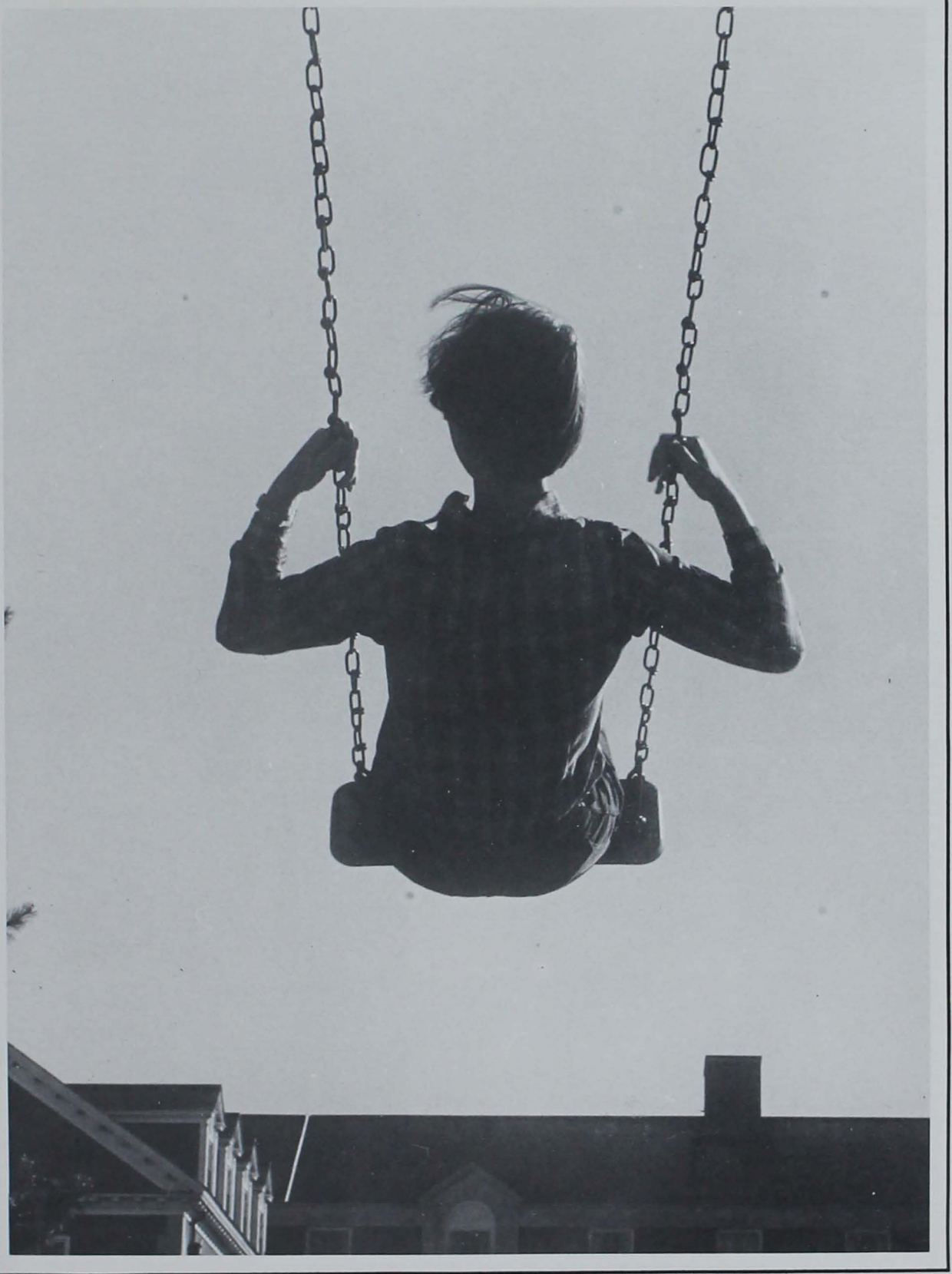


Ted Lewiston



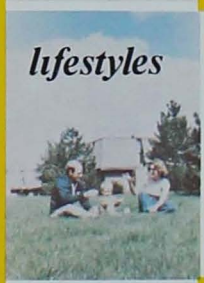


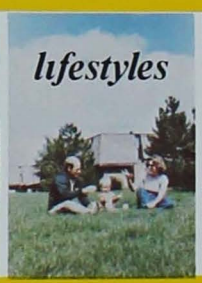


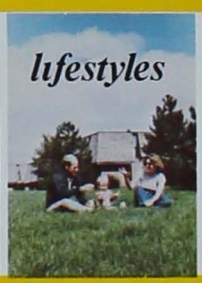


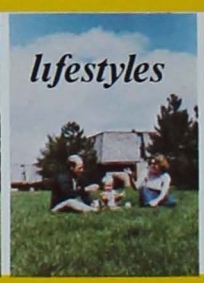


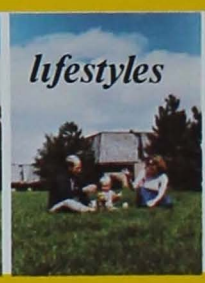
CAPTURE THE INSIDE STOR







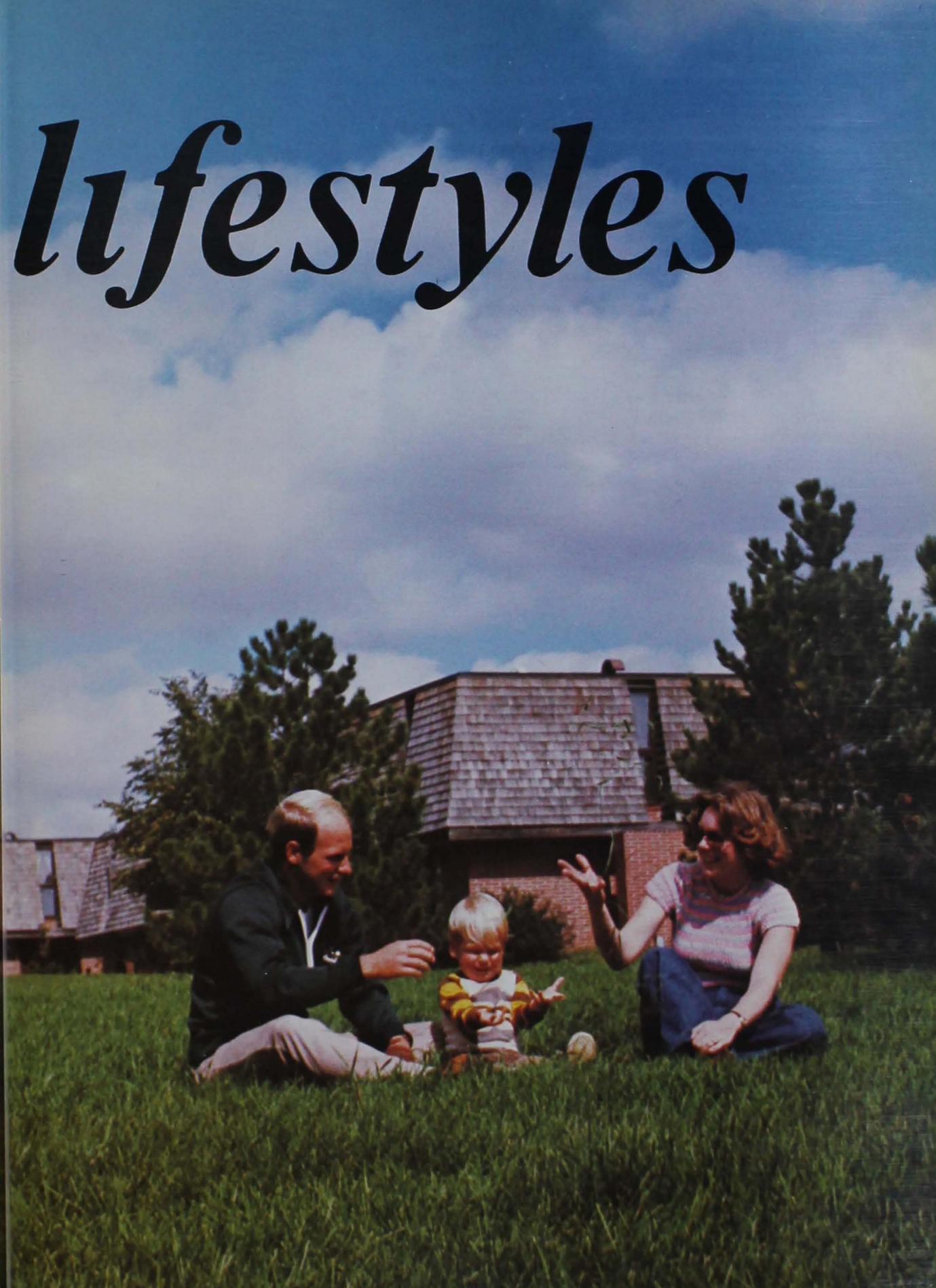








lifestyles



The Inside Story . . . *lifestyles*

When section editors put their heads together, they sometimes meet head-on.

One of our most difficult tasks was determining a cover "What photograph represents the lifestyles of 23,000 Iowa State University students?" we pondered.

As anyone with a roommate can tell you, there are very few—if any— people whose lifestyles are identical to his own. (Differences stand out most during co-habitation!)

So while there are common themes that make an ISU student a part of the whole (i.e., bookstore ripoffs, food service, the Alibi, parking tickets, Jack Trice, Frosties, Grand Daddy's, "cow" paths, campaniling, and "Herky is still a turkey"), we decided not to worry about a total lifestyle. There's no such thing.

Lifestyles emphasizes life *styles,* plural. However, we become painfully aware of our theme when we wished to disregard it. Our dream of uniting Greek and dorm houses into one indivisible grouping was considered. But, for the ease of the reader—not the different lifestyles—we chose the format we did. Since the differences are there, it was not up to us to design a magazine true to our wishes, but arranged with the general student in mind.

Next: ah, the features—where lifestyles abound! Heads knocked again. Since both of us were soon to be married, we considered devoting the entire magazine to married housing. However, our journalistic training on objectivity triumphed over our personal desires (as did editor Anne), and the less fortunate single students were included in the section. (Editor's note: For the reader's peace of mind, we convinced Anne that our personal transactions didn't create enough conflict of interest to justify our resignations.)

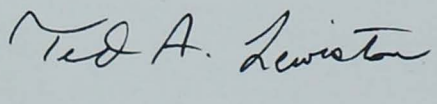
The magazine opens with features to remind readers of the living situations other students have chosen or are forced to abide by. While marriage usually limits a student's contact with others and his or her budget (Editor's note: Some married students will take just about *any* job to have money!!!), a lot of room remains for lifestyle choices. Pammel Court, Lincoln Apartments or a professor's basement? *He* makes supper while *she* brings the paycheck home? Buy furniture for today or save for tomorrow?

By choosing his priorities, every student selects his lifestyle. Members of Fisher-Nickell house list studies as a top priority, thus establishing a lifestyle warranting special coverage among the features. "What better way to ease out of dorm life than 'communal' apartment - living in Schilletter Village?" was the thought prompting many single students to adopt a new home among the previously all-married housing.

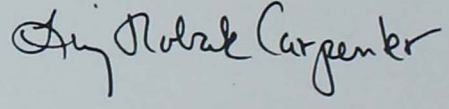
Then there are the Greek houses, where events may be similar from house-to-house but lifestyles differ (e.g., open-air bedrooms vs. apartment setups; social environment vs. academic environment). The closer we zeroed in on so-called *common* lifestyles, the more varied the lifestyles became.

Where and *how* ISU students choose to live—that's our theme. And if you think that sounds simple, you're missing the part of the iceberg floating large and ominous under the water.

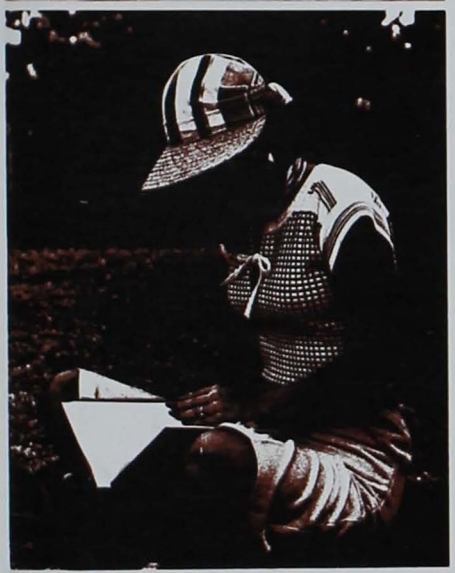
Ted Lewiston
Assistant editor



-Liz Carpenter
Lifestyles editor









lifestyles

330 **Apartment living**

Students who abandon the more traditional forms of college housing to find "a place of their own" don't have to look far. The university provides apartment-living, too, and have in recent years included single students. . . Ted Lewiston.

334 **Students learn tolerance from youngsters**

On top of school and marriage, Lisa and Mark Steege have a full-time job at home. Five retarded children live with the couple at 2636 Hunt Street, and school becomes secondary to their work with the youngsters. . . . Liz Robak Carpenter

336 **The "other" fraternities**

Greek life seems to revolve around the cluster of sororities and fraternities on the southeast end of campus. But what of those few houses far away at the west edge of campus? Does their location exclude them from the mainstream of activities? . . . Liz Robak Carpenter.

386 **Fisher-Nickell: "*Not* a study house"**

If the Department of Residence accepts Fisher-Nickell's 1977 proposal, the house will lose its reputation as a "study house," to be called instead an "educational-cultural house." Said one member, who called the house a "much more real life situation": "activities and events are more publicized in our house than it seems others hear about them." . . Liz Robak Carpenter.

387 **A not-so-grim fairy tale**

What would it be like if students could live in any arrangement they wished in the dorm? If the Department of Residence let residence hall dwellers make their own policies? That's why we called this a fairy tale. . . . Cathee Christ and Liz Robak Carpenter.

387 **COAL: the policy mediator**

For students who would like a change of pace on their dorm floor, the Committee on Alternate Living will tell you just how much the Department of Residence will let you get away with. . . . Liz Robak Carpenter.

ACKNOWLEDGEMENTS
Editor: Liz Robak Carpenter, Assistant Editor: Ted Lewiston
Cover photo by Ted Lewiston
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Apartment Living

More and more, apartments are becoming a way of life in America, and Iowa State students are no exception. Many are abandoning the more traditional forms of college housing for "a place of their own." Of the 22,803 students at ISU in the fall of 1977, 62% live in University-provided or Greek housing; the rest live off-campus in houses, mobile homes and apartments throughout the local area.

Off-campus apartments come in a variety of shapes and sizes. Although new apartment buildings are going up all over Ames, a great many area apartments are in older duplexes and remodeled houses. Prices also vary widely, starting around $100 a month and going as high as a student is willing to pay.

Of the student apartment dwellers, 2020 have chosen to live in University Student Apartments. The University Student Apartment Community is divided into 4 areas: Pammel Court, University Village, Hawthorne Court, and Schilletter Village.

Something New in Student Apartments

Until recently, only married couples and persons with dependent children were housed in University apartments. However, as University enrollment continued to climb, it became obvious that more housing space was needed for single students. At the same time the number of students living in the University Married Community has been declining since 1972. So, instead of building a new dormitory, it was decided to redesignate the units on the north half of Schilletter Village as single apartments. 112 single students were housed in Schilletter during the 1976-77 school year; this year there are 512. Because of these single students, as well as those with children who were already living in University apartments, the University Married Community has become the University Student Apartment Community.





(Top) Apartments generally offer more breathing space and privacy than a dorm. This is especially true of older houses, which often come equipped with basements and big front porches. Beside, University housing policies don't allow dogs. (Above) Another exciting evening in a student apartment. Lu Williams, CD-4, Liz Herigstad, SP-4, and Sue Kinball, director of the ISU Tenant-Landlord Service, are 3 of the over 8800 students living off-campus this year. (Right) After years of eating mass-produced school food, it's great to taste your own cooking. There's no standing in line to have your meal ticket punched, either.

(Facing page, Top left) An ISU family can find good affordable housing in University Apartments. Parents can use the Nursery School and Day Care Center, and, as these Schilletter Village children show, there is plenty of room to play. (Top right) A Schilletter apartment offers the single student a quiet place to study, entertain or just plain relax. Joan Pfeiffer, AAAD-3, is caught doing the latter. (Bottom right) One problem with living in a dorm room is the small size. With a Schilletter apartment, 4 students have 4 rooms to work with. One of the students who has chosen this alternative is Jolee Lorenzen, CE-4.

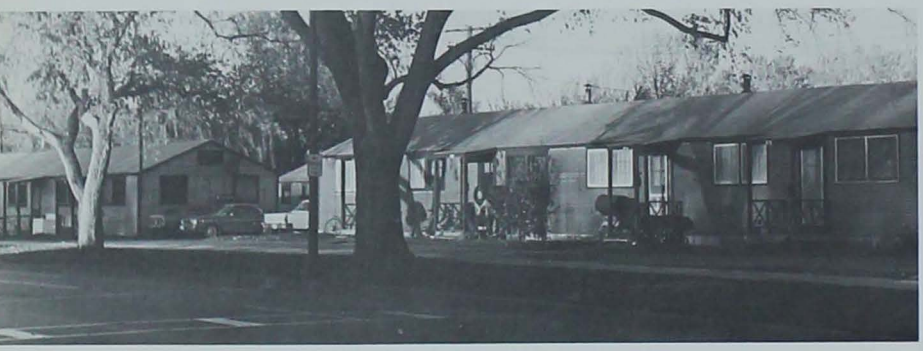












The trend in Iowa State University apartments has for years been an accurate reflection of college apartment trends nationwide. Prior to World War II, less than 3% of American college students were married. Thus there was no need for University-provided apartments.

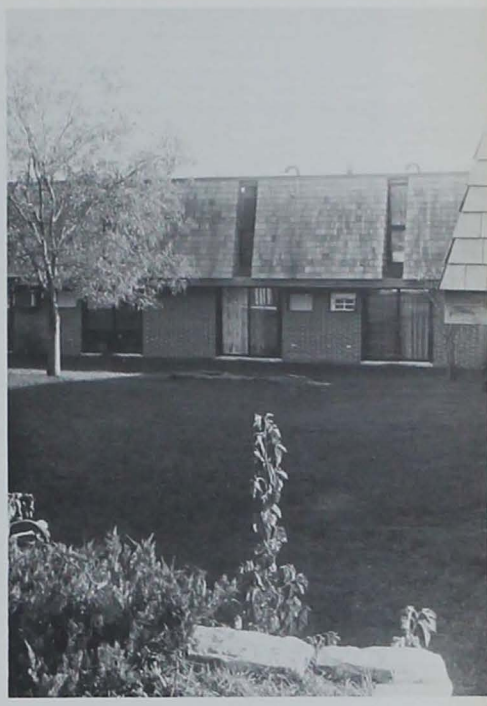
Then came the end of World War II, when thousands of American GIs returned home to pursue their education under the newly-created GI bill.In 1945 the number of married college students jumped to 20 % of the student population. Most of these married students were veterans, and they and their families needed housing. Faced with this influx of married students, Iowa State College built 1200 units during 1946 & 47. Called Pammel Court, this newly-created community was designed to house veterans and their families until the early 1950's, when it was predicted that the married student ratio would drop back to its prewar level of 3%. However, the percentage held steady at 20%, so the University initiated a replacement project for Pammel Court. The first phase of this project was Hawthorne Court, built in 1956 and expanded in 1959. University Village was begun in 1964 and added to in 1968. Schilletter Village is still undergoing expansion. As each new area has been completed, more units in Pammel Court have been demolished, leaving the present total at 528 of the original units still in use.

Future plans call for more improvement and modernization of the



University Student Apartments. When the long-expected drop in student enrollment comes, the apartments will return to housing only students with families. At this time the units on the east side of Pammel Court will be demolished to make way for new apartments. After the completion of the proposed new units in East Pammel, current plans call for the razing of the west side of Pammel at an undetermined future date.

At present there is sufficient housing for students with families. This fall there were 60 families on the waiting list, but enough vacancies had opened by the start of fall quarter to house these applicants.





(Top left) Pammel Court apartments are primarily for do-it-yourselfers, according to Phil Bailey, EE-5, and his wife Mary Eldridge Bailey,JL MC-4. "We had to put on these counter tops ourselves," Mary said as she dried the dishes. "They were just plywood when we moved in." (Far left) Although Pammel units are unattractive from the outside, many residents have done marvelous interior decorating jobs. Economy-minded students generally don't mind the extra work to live in an apartment that costs only $50 a month. (Bottom left) Students on a budget can find many ways to make improvements on a shoestring. As Phil Bailey demonstrates, sometimes a new coat of paint can make all the difference. (Left) If you don't like going up and down stairs, you wouldn't like a University Village 2-bedroom apartment. However, many students prefer this feature of UV, including Nan Thieman, a CD graduate, and her husband Stan, Vet Med-4 (not pictured). UV apartments also come with central air, appliances and a small patio on the 2-bedroom units. (Above) Each University Village 2-bedroom apartment has sliding glass doors in the living room. The University Student Apartment Community has many convenient facilities, including 24-hour laundromats, Pammel Grocery, the Arts and Crafts Center, auto maintenance areas, and numerous playgrounds.

Text by Ted Lewiston
Photos by Ted Lewiston and Anne Gross



Mark and Lisa Steege take part daily in games and recreation with their five clients. The couple said they stay up late to write evaluations and to have time alone together.

Students with live-in job learn tolerance from youngsters

Text and Photos By Liz Robak Carpenter

"Things that may disgust a person off the street to us doesn't seem unusual."

So said Lisa Steege of she and husband Mark. What makes them so different from other students, and most other people everywhere? Not only does this married couple have roommates, but *five teenage* roommates.

And all five are mentally retarded.

Nothing else for the rest of my life could probably freak me out," says Mark. "I may wake up at 2:00 in the morning and hear the weirdest noises. Or see the most Godawful sights. But we've become very tolerant of almost everything."

Lisa and Mark were hired by Mainstream in the fall of 1976 to work with retarded children mostly from Story County. Mainstream is a licensed child care organization supported primarily by purchase service contract with the Iowa Department of Social Services. Partial support comes from the Story County Board of Supervisors and the County Association for Retarded Citizens.

Both undergraduates (Mark in psychology, Lisa a double-major in English and sociology), the Steeges had been married about a year when they saw the job advertised. "I'd wanted to do something with people for a long time," said Lisa, "but I had no idea Mark felt the same way until he suggested we apply."

The couple started out with two clients and no previous training. "We had no set way of doing things, and learned the hard way how to get things done," Mark said.

But their methods seem anything but unprofessional. The Steeges utilize "massive" doses of behavior modificaton — "We have to program certain behavioral projects, like an interruption project for someone who interrupts others," said Mark — and the principle of normalization, in which the clients are required to do the things a normal person would be expected to do.

Mark explained, "For example, suppose someone had an accident in his bed and smeared it all over himself, then wanted to smear it on you. If you threw up, he would do it every time just to see you throw up. But if any normal person did that, you wouldn't clean it up for him; you would make him clean it up. And our clients are treated the same way."

(Mark added that while that used to happen frequently, it doesn't anymore, unless it's accidental.)

The couple keeps a file on each youngster, including a daily log of each client's activities and behavior, and graphs of data on projects scored with a point system. These files and various behavior charts are kept out of sight of the youngsters, since "the higher-level clients will use the information against each other," Lisa said.

In the Steege's professional view, the youngsters are "clients," their behavior earns or loses points, and no leniency apparently is allowed for abnormal behavior, "but this is not an institution," Lisa stressed. "We don't walk around with clipboards because we don't want the kids to feel they're being evaluated."

"We expect them to learn certain things while they're here, but by looking at their abilities instead of their limitations, we want to help them accept themselves."

"All three of the kids who can talk express bad feelings about 'retards,' " Mark said. "While they appear happy on the outside, they all really feel low. We want them to feel good about themselves, to help them understand what's going on within themselves.

"Most of them talk about sports cars — they want to drive sports cars," he continued. "And they won't *ever* be able to drive a car. But we don't say 'won't'; we walk to the store and, by setting an example, try to make the kids understand that it's okay and it's probably what they'll be doing."

And it's working for most of the kids. "One client is now doing things that records and evaluations said he wasn't capable of doing," Mark said. Both became very excited as they explained how this client learned to communicate.

"He used to throw tantrums and hit us to tell us what he wanted," Mark explained. "Then we just started ignoring him, acted like we didn't know what he wanted."

And, suddenly, one day he tapped Mark on the arm, walked over and tapped the stereo, then did a little dance. A simple sign language, but a real attempt to communicate.

"Since then we have taught him sign language and he 'talks' with us all the time," said Mark.

The youngster's talking in public does tend to attract stares, however, but Mark and Lisa were quick to dispel ideas of embarrassment.

"We are more tolerant of *everybody*, — the differences in all," said Lisa.

"And," Mark added, "if we are having problems with each other, we can criticize better."

The Steeges were in total agreement when Mark said they like how they've changed. "We have good communication, and what we see in each other has really enhanced our relationship."

Lisa and Mark will most likely have their degrees by August of 1978, and may head for the California Professional School of Clinical Psychology, where Mark will attend graduate school.

The couple admits they'll be glad to leave — "we'll enjoy our freedom" — but the parting will be "very emotional." "Even now when we take a weekend off, we get worried and call home because we wonder what's going on," Mark said.

But both agree that whether or not their experience will be directly related to their future work, "what we learned we'll always use," said Lisa.

"When you work with people, anything applies," added Mark.

The youngsters appear happy on the surface, but are "Really low," according to Mark Steege. "They think of 'retards' as being something bad."



The "other" fraternities

"Isolation makes us work harder," said Alpha Sigma Phi's vice president.

Alpha Sigma Phi is one of four fraternities located on the western edge of campus, more than six blocks from the Greek "community" where 44 fraternities and sororities co-exist.

"Impromptu things like water and snowball fights don't occur," continued vice president Mike Fischer. "Our location detracts from our familiarity and publicity. Instead of them coming to us, we make homecoming displays at a sorority house to increase the the girls' involvement and our house's visibility."

"But it's not really that bad," he added. "We're closer to the Beyer Hall gym than we would be on the other side of campus, and it's quieter."

Members of Omega Tau Sigma and Triangle fraternities agree for the most part with Fischer.

"We don't do serenades, and we miss snowball fights and other interactions," said Dennis Rosauer, Triangle house president. "Sororities do sometimes come to us for functions. But even though we miss out on some things, it's a different fraternity style, so it doesn't make much difference. Most members like it over here." Rosauer concluded.



An honorary fraternity, Omega Tau Sigma members prefer their quiet western location, and may build a new house in the same area sometime in the future.

The Beta Sigma Psi house bought property on Lynn Avenue some ten years ago, in hopes of moving from North Hyland over "with the rest of the Greeks," according to President Leonard.



Members of Omega Tau Sigma, the veterinary fraternity, prefer their western locations so much that they are considering building a new house at the same location. On the opposite side of the coin is Beta Sigma Psi, whose members hope to be settled on Lynn Avenue by next winter.

"The big thing," stressed president Brad Leonard, "is to get over on the other side with the rest of the Greeks."

"We want to become more of a fraternity-type Greek house — to have more exchanges with sororities than with dorm floors," said Leonard.

The Beta Sigs bought property on Lynn Avenue some 10 years ago, but finances have prevented them from building until very recently. The 38-member house will increase to 60 when, and if, according to Leonard, the move takes place. Until then, members of Beta Sigma Psi will feel "not as Greek" as their counterparts from the southeast side.



Members of Alpha Sigma Phi see advantages in their West Street location. "We're closer to the Beyer Hall gym than we would be on the other side of the campus, and it's quieter," said vice president Fischer.

Triangle house members may miss out on alot of Greek activities, but "it's a different lifestyle, so it doesn't make much difference," said house president Rosauer.

Fraternity brothers are also "parents"



Fifty-six parents live in Sigma Phi Epsilon fraternity. Their only son lives there, too.

Seventeen-year-old Todd Miller of Boone is in the foster care of Sigma Phi Epsilon. And if everything goes as planned, by spring quarter of this year, the house will be the first Iowa fraternity ever to be licensed for foster care.

The Sig Ep house took in their first foster child two years ago, when licensing was not necessary. The teenager was placed in the fraternity by court order, a procedure still used today.

"It was a very unique situation," said George Belitsos, executive director of Shelter House.

"AP picked up the story then and it spread across the country from ISU."

Licensing for foster care is done through Shelter House, a community-based program dealing with troubled adolescent children.

Single adults can be any age to be foster parents in Iowa, but are judged on personal character. In the case of a Greek house taking on a foster child, the teenager's potential roommates are interviewed, instead of each member individually.

Sigma Phi Epsilon president Jeff Prouty is Todd's legal guardian. He along with a five-man volunteer committee, meets with Todd weekly to talk about how things are going for him.

Fraternity members give the high school junior rides to and from school. Todd eats meal with house, shares a study room with three others and sleeps in one of three open-air bedrooms. In fact, he is even invited to all their functions although "he has his own tobacco and alcohol policies, since he's under age," said member Jeff Hauenstein, Ag Bus 2.

"No one's allowed to offer him a drink and he's not allowed to take any. And he can't smoke cigarettes since his father doesn't want him to."

Shelter House provides ongoing contact with the youth and foster home, and reimbursement for support, amounting to "about $220 dollars a month, plus social fees in the case of a fraternity or sorority," said Cathy Sampson, former foster care coordinator.

Another ISU fraternity may soon follow the Sig Ep house. Farmhouse is presently applying for a license and hopes to take in a youngster soon on a trial basis.

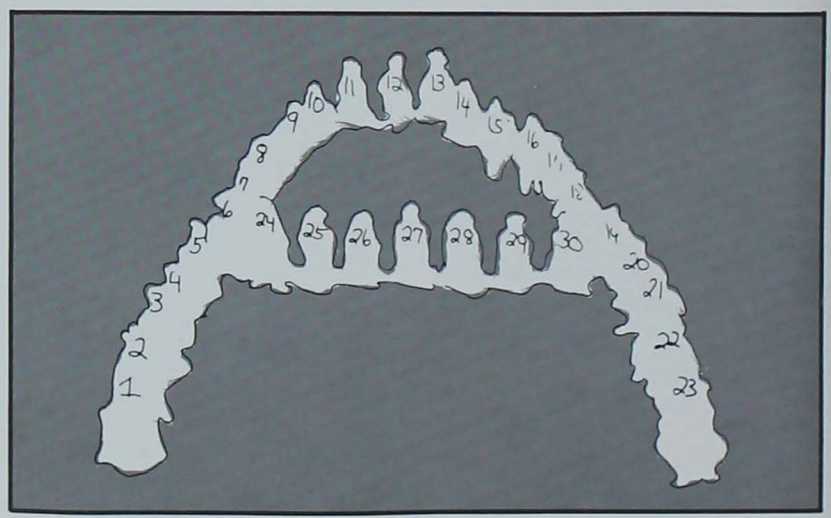
"Shelter House asked us if we were interested in hearing about their program," said Farmhouse president Kent McNeley, Eng Op 3. "After watching their presentation we voted unanimously to participate."

Since some 20 members are extremely interested in being a roommate and "Big Brother" type to the teenager, the house will begin interviewing to narrow the choices down.

Acacia

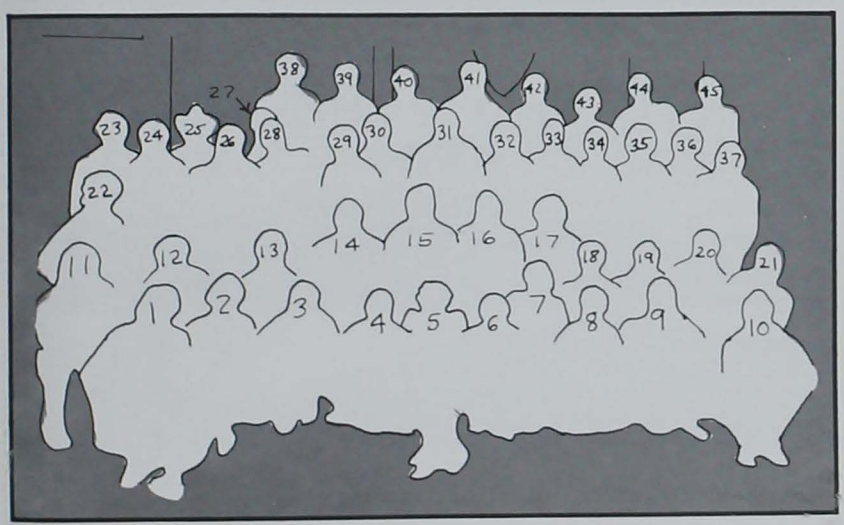


1 George Allen, 2 Ken Elmore, 3 Jamie Love, 4 Tom Smith, 5 Doug Lower, 6 Joe Robuccio, 7 Chuck Tass, 8 Roger Parlee, 9 Mark Bortle, 10 Gary Scott, 11 Jim Kohout, 12 Mildred Ferguson, 13 John Zawistowski, 14 Joel Hermann, 15 Mike Goreham, 16 Conrad Kunz, 17 Mark Radke, 18 Dave Miller, 19 Dan Wisner, 20 John Terry, 21 Jay Archer, 22 Gene Lucht, 23 Rich Johnson, 24 Roger Johnson, 25 Karen Kling, 26 Karla Jensen, 27 Mary Overman, 28 Marilyn Meir, 29 Karla Petersen, 30 Bruce Toney



Adelante





1 Jeff Morenz, 2 Dan Hanson, 3 Wayne Jones, 4 Mark Hemingway, 5 Jim Carroll, 6 Paul Oberhaus, 7 Geoff Wallace, 8 Scott Frank, 9 Ralph Staiert, 10 Jeff Morris, 11 Craig Thomas, 12 Bob Gard, 13 Jeff LaMar, 14 Brian Esbeck, 15 Craig Van Dusseldorp, 16 Bruce River, 17 Derek Rohde, 18 Forrest Corson, 19 Glenn Swanson, 20 Bill Stoen, 21 Tim Blass, 22 Tom Rohde, 23 Steve Ruhs, 24 Ken Olson, 25 Craig Wallace, 26 Russ Pedersen, 27 Mark Wells, 28 Brian Espensen, 29 Curt Friis, 30 Mike Welbourne, 31 Ed Taylor, 32 David Lundberg, 33 Mike Hoeg, 34 Bruce Boeke, 35 Rick Nelson, 36 Doug Sheldon, 37 Todd Lundgren, 38 Peter Spencer, 39 Dan Miller, 40 Scott Johnson, 41 Tony Joehl, 42 Jack Johnson, 43 Fred Walker, 44 Greg Burnside, 45 Rick Govern

Alpha Chi Omega

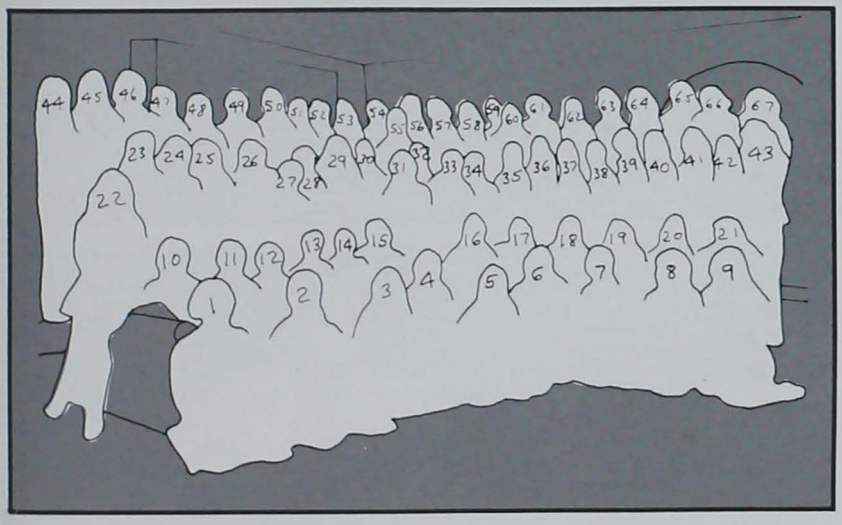


1 Sue Schang, 2 Toni Thompson, 3 Pam Potzer, 4 Pam Huen, 5 Laurie Zickert, 6 Meredith Sewell, 7 Beth Strabala, 8 Kim DiMaria, 9 Sara Hoffa, 10 Kim Brennan, 11 Cindy Mason, 12 MarySue Martenson, 13 Jane Mitchell, 14 Linda Powell, 15 Jennie Piper, 16 Ronda Willsher, 17 Ann Beisser, 18 Cindy Davidson, 19 Heidi Lawver, 20 Shelley Lein, 21 Becky Romig, 22 Sue Cushman, 23 Karen Tjossem, 24 Terri Carroll, 25 Mary Hain, 26 Lorraine Janssen, 27 Jane Horning, 28 Jana Keller, 29 Carrie Bowlsby, 30 Barb Brown, 31 Kathy McNerney, 32 Ann Gingles, 33 Laurie Schafer, 34 Sandy Hennager, 35 Julie Evenson, 36 Pat Frischmeyer, 37 Chris Showalter, 38 Deb Schiel, 39 Julie Kopish, 40 Rosemary Holden, 41 Colleen Peterson, 42 Kathy Wray, 43 Martha Selby, 44 Mary Jo Jorgensen, 45 Jan Van Ekeren, 46 Marcee Allen, 47 Cheryl Premo, 48 Joan Danker, 49 Cathy Browning, 50 Lynn Peters, 51 Kim Willet, 52 Becky Heitzman, 53 Mom Knoll, 54 Cindy Stell, 55 Chris Attig, 56 Suzy Christ, 57 Mary Priebe, 58 Ragety Ann, 59 Julie Romp, 60 Sue Huffman, 61 Tam Muilenberg, 62 Robin Key, 63 Liz Anderson, 64 Julie Burke, 65 Barb Walters



Alpha Delta Pi



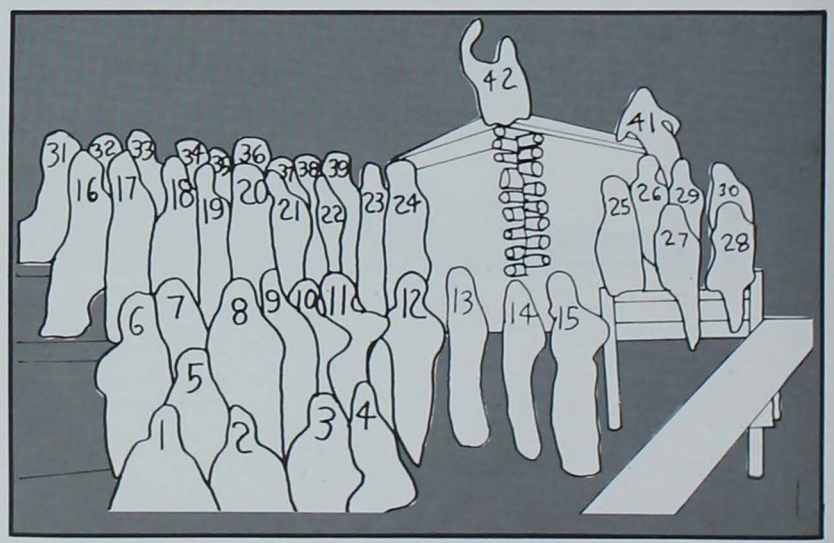


1 Dana Willig, 2 Jane Hyndmam, 3 Cindy Posovich, 4 Sally Young, 5 Kelli Williams, 6 Cindy Bernhagen, 7 Dawn Willig, 8 Laurie Severson, 9 Brenda Quintero, 10 Vicki Chandler, 11 Barb Mahlstede, 12 Cindy Mahlstede, 13 Teri Sexton, 14 Ann Harman, 15 Julie Landon, 16 Marcia Henderson, 17 Kendall Buckley, 18 Kathy Stewart, 19 Vicky Tyner, 20 Connie Grenis, 21 Mary Beck, 22 Susan Jervis, 23 Carolyn Kalb, 24 Laura Campbell, 25 Lori Southard, 26 Janet Spear, 27 LeAnne Holzbauer, 28 Melba Smith, 29 Jane Brunkan, 30 Julie Thorndyke, 31 Kris Bazos, 32 Gwen Myers, 33 Heather Cole, 34 Deb DaSilva, 35 Dot Frank, 36 Deb Merdic, 37 Cheryl Jacobs, 38 Sandy Julius, 39 Kim Cooley, 40 Joy Freel, 41 Connie Palenyk, 42 Jan Cornick, 43 Kristy Eich, 44 Joy Salsman, 45 Denise Guldberg, 46 Kathy Johnson, 47 Karen Gipple, 48 Kathy Barton, 49 Donna Christensen, 50 Jean Szabo, 51 Deb Andrews, 52 Lori Lytle, 53 Lori Kromminga, 54 Brenda Kincade, 55 Mom Lampe, 56 Roxanne Petersen, 57 Becky Malcolm, 58 Kari Carlstom, 59 Judy Kelley, 60 Paula Chenchar, 61 Robbin Mielitz, 62 Cheryl Streit, 63 Linda Barnett, 64 Karen Richter, 65 Cindy Buescher, 66 Sheryl Johnson, 67 Marianne Wentz

Alpha Gamma Delta

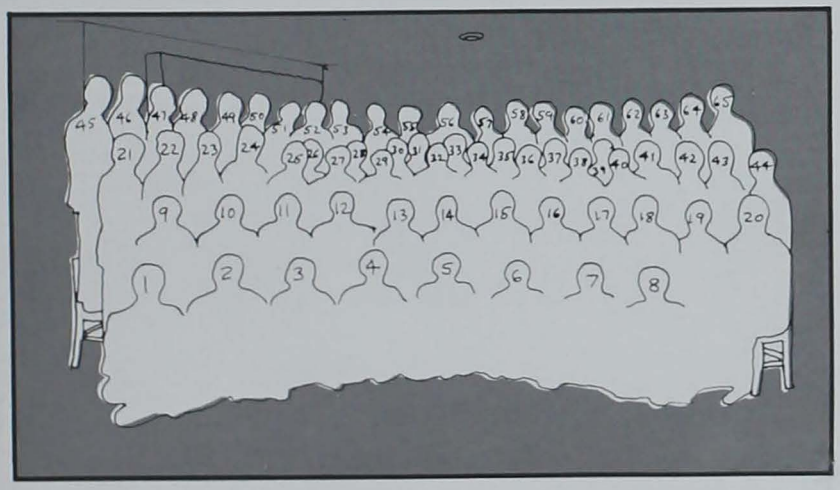


1 Patty Pershing, 2 Jenny Drisco, 3 Linda Ewing, 4 Nanci Dingfelder, 5 Nika Irlardi, 6 Sarah Todd, 7 Nancee Shaughnessy, 8 Barb Staflin, 9 Teri Fresman, 10 Nancy Laver, 11 Patty Eck, 12 Jane Unger, 13 Michele Duwelius, 14 Beth Pfeiffer, 15 Karen Gillison, 16 Pam Johnson, 17 Sue Kruse, 18 Nancy Stoner, 19 Jeanine Freel, 20 Jane Johnson, 21 Melissa Scaglione, 22 Stephanie Thompson, 23 Jan Harmeyer, 24 Leeton Haertl, 25 Lisa Stortz, 26 Nancy Phipps, 27 Marilyn Pardecooper, 28 Barb Bushur, 29 Janet Henrich, 30 Kris Kirchner, 31 Susie Fair, 32 Sandy Palmer, 33 Ann Lee, 34 Amy Alford, 35 Patty Sharpe, 36 Becky Brauer, 37 Tracey Townsend, 38 Amy Osran, 39 Sue Gartner, 41 Julie Parsons, 42 Lynn Crary



Alpha Gamma Rho



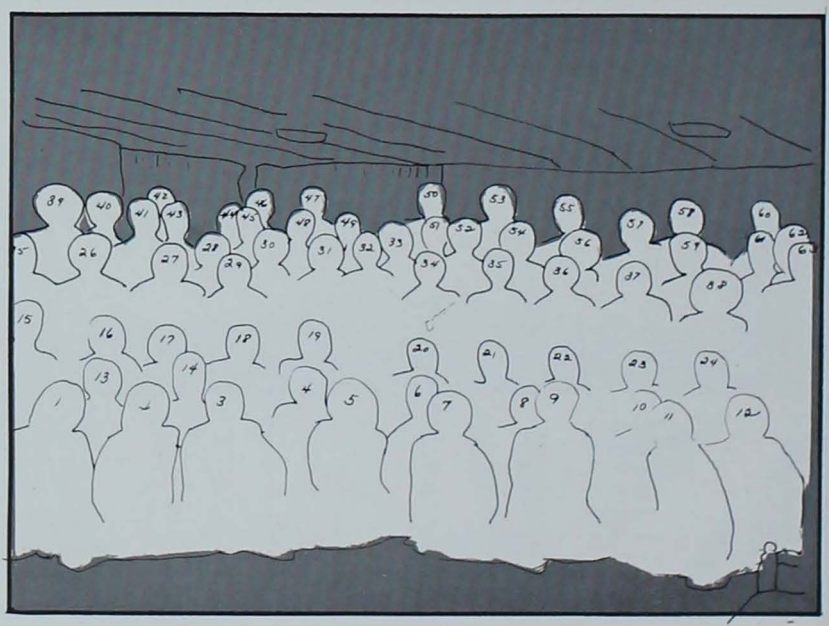


1 Jan Powell, 2 Chuck Howlette 3 Brian McCulloh, 4 Tim Huser, 5 Park Ludvigson, 6 Leon Helling, 7 Bill Harris, 8 Gary Paulsen, 9 Ken Hanus, 10 Greg Nickerson, 11 Alan Lubben, 12 Stan Nelson, 13 Hazel Streit, 14 Steve Johnson, 15 Dan Frieberg, 16 David Lubben, 17 Mike Taets, 18 Reid Bird, 19 Jim Green, 20 Mark Butz, 21 Greg Boruff, 22 Ron Juhl, 23 Greg Fischer, 24 Randy Luze, 25 Brent Larsen, 26 Britt Shelton, 27 Duane Streit, 28 Jim Halbur, 29 John Schneider, 30 Gary Smith, 31 Perry Black, 32 Larry Helling, 33 Paul Heineman, 34 Mark Olson, 35 Ron Hansen, 36 Jeff Raun, 37 Carl Peterson, 38 Paul Kruse, 39 Tom Condon, 40 Tom Miller, 41 Jeff Johnson, 42 Jeff Graves, 43 Roger Rowles, 44 Rex Rinker, 45 Brad Peyton, 46 Mike Grandgeorge, 47 Louis Beck, 48 Robert Fahnlander, 49 Geordie Corsar, 40 Jim Christensen, 51 Dave Schaefer, 52 Stewart Lewis, 53 John Hunter, 54 Jim Borel, 55 Paul Huser, 56 Al Fink, 57 Mel Taets, 58 Jim Christensen, 59 Craig Rowles, 60 Bill Hammes, 61 Mark Moser, 62 Joe Broder, 63 Rod Meyer, 64 Marty Robinson, 65 Phil Core

Alpha Kappa Lambda

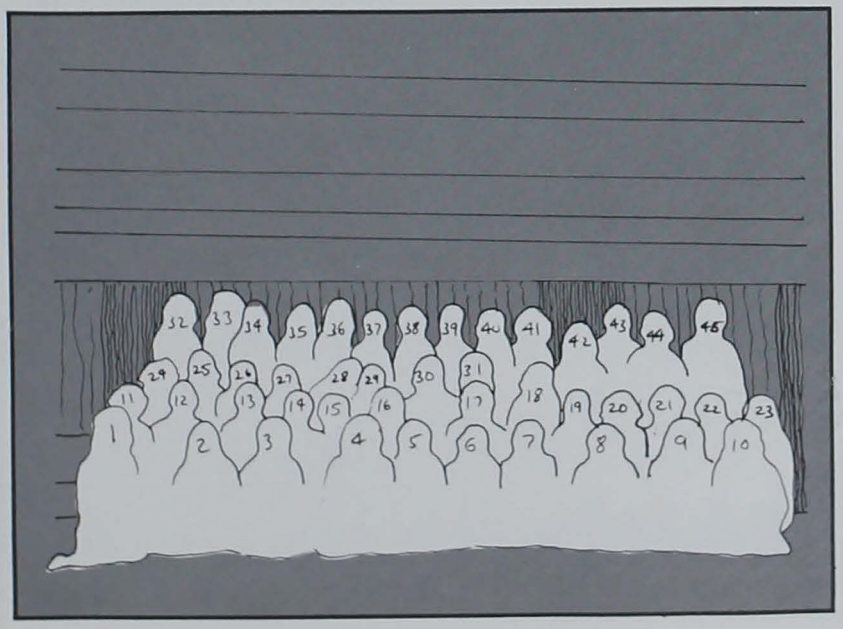


1 Joe Fitzwater, 2 Elizabeth Buck, 3 Tom McGivern, 4 Greg Merchant, 5 Lynn Benkusky, 6 Becky Cozad, 7 Mary Aldritch, 8 Ron Moore, 9 Hope Degner, 10 Bruce Rydberg, 11 Phyllis Eagan, 12 Dave Elliott, 13 Scott Schulze, 14 Mark Blomquist, 15 Doug Riche, 16 Paul Martin, 17 Karla Becker, 18 Greg Sindt, 19 Dorothy (Mom) Gibson, 20 Jeff Schultz, 21 Dan Nusser, 22 Dan McCarthy, 23 Roger Carlson, 24 Julie Garriott, 25 Jeff Cornick, 26 Jay Rector, 27 Ryan Winters, 28 Ginny Penton, 29 Randy Schirm, 30 Kris Engelstad, 31 Leesha Zimmerman, 32 Bob Huntley, 33 Ebert Coates, 34 Rick Gates, 35 Kiral Santman, 36 Val Remington, 37 Lise Hogue, 38 Dan Gruver, 39 Steve Christensen, 40 Jim Jones, 41 Tim Kapucian, 42 Jim Pippert, 43 Randy Merchant, 44 Tony Tainter, 45 John Babl, 46 Diane Schroeder, 47 Radny Ritland, 48 Allen Fife, 49 Steve Ritland, 50 Noel Vogt, 51 Paula Christensen, 52 Kate Meints, 53 Les Redinbaugh, 54 Lori Coon, 55 Paul Rank, 56 Barb Green, 57 Larry Escher, 58 Jim Lorenz, 59 Jane Zarwell, 60 Bob Davis, 61 Jim Waterman, 62 Conway Keder, 63 Bob Stenberg



Alpha Omicron Pi



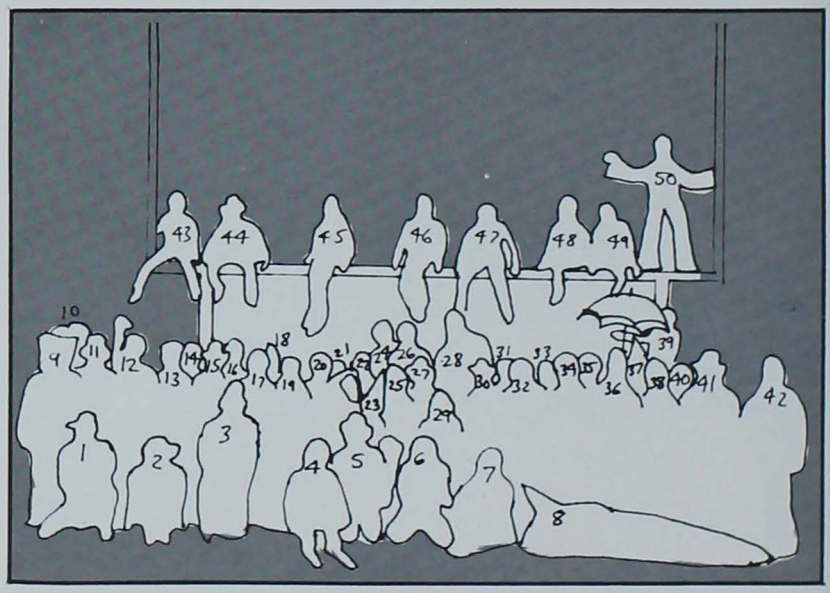


1 Barb Jones, 2 Shari Neary, 3 Sue Jensen, 4 Holly Handorf, 5 Pam Bever, 6 Anne Kennedy, 7 Jean Smith, 8 Nancy Dowden, 9 Jana Rutherford, 10 Julie Beattie, 11 Lindsay Howarth, 12 Barb Danielson, 13 Cathy Chapman, 14 Gayle Nyre, 15 Jan Asp, 16 Marlene Shainholtz, 17 Deb Gary, 18 Annette Juergans, 19 Carol Schmidt, 20 Geri Votroubek, 21 Kathy Voss, 22 Anne Mabry, 23 Hjordis Husa, 24 Julie Emerson, 25 Pam Harmon, 26 Sharon Heck, 27 Julie Dockstader, 28 Anne Castoer, 29 Jean Schillmeller, 30 Julie Mommsen, 31 Mary Blenderman, 32 Joan Riordan, 33 Sherri Wreghitt, 34 Kris Skov, 35 Nancy Tjalsma, 36 Kathy Mahoney, 37 Kathy Baker, 38 Jane Dickey, 39 Kristi Guhin, 40 Cathy Cooley, 41 Alyson Onstad, 42 Bonnie Clawson, 43 Sandy Bezouska, 44 Kim Qortz, 45 Alice Short

Alpha Sigma Phi

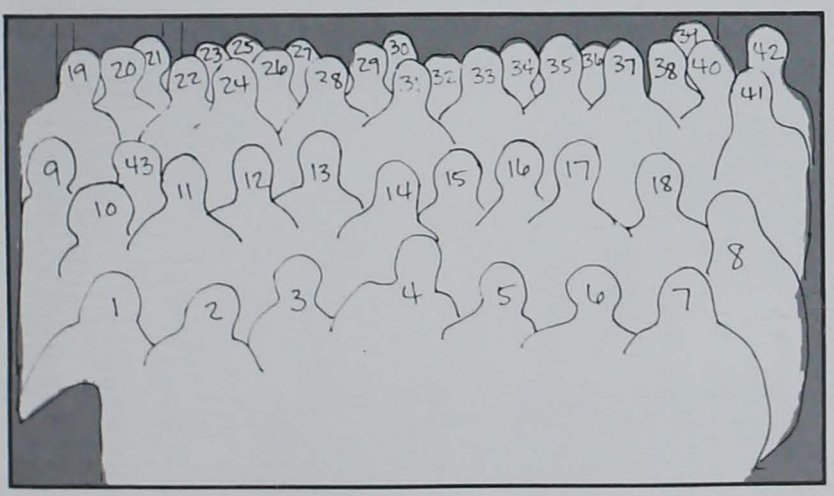


1 Kon Savoy, 2 Bob Charland, 3 Mike Trainor, 4 Bill Kleinmann, 5 Tom Lennox, 6 Scott Pospicil, 7 Tim Wirtjes, 8 Mark Evans, 9 Mike Maggert, 10 Scott Hartman, 11 Jerry Justin, 12 Dave Mercer, 13 Bill Slivovsky, 14 Rex Pearson, 15 Todd Marolf, 16 Dave Klein, 17 Tim Walter, 18 Don Salz, 19 Doug Franey, 20 Brian Runge, 21 Dave Boie, 22 Roger Buresh, 23 Mark Liffring, 24 Dan Reves, 25 Mark Pennington, 26 Brian Bock, 27 Scott Ferguson, 28 John Seminerio, 29 Earl Bowens, 30 Mike Fisher, 31 Dennis Hoeg, 32 Kevin Shoemaker, 33 Jeff Knief, 34 Jeff Hanig, 35 Steve Mosack, 36 Tom Heng, 37 Mark Wolkenaur, 38 Paul Corbin, 39 Dave Nelson, 40 Fred Budde, 41 Bruce Barber, 42 Joe Jenson, 43 Jeff Nading, 44 Randy Reed, 45 Terry Walter, 56 Paul Gassman, 47 Dave Wenthe, 48 Kyle Friauf, 49 Dave Renicke, 50 Dave Bernking



Alpha Tau Omega



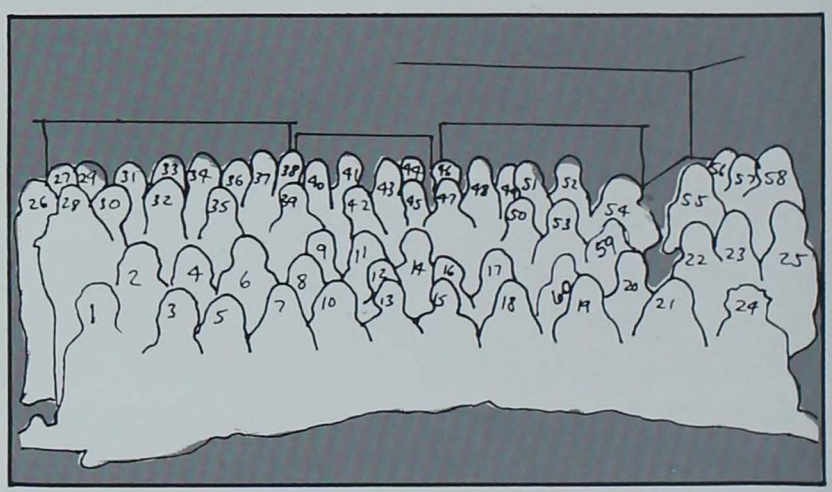


1 Rob Glahe, 2 Bill Hunsicker, 3 Gary Fland, 4 Vern Balster, 5 Paul Pfotenhauer, 6 Tim Miller, 7 Miles Dixon, 8 Paul Kerr, 9 Tim Riley, 10 Paul Kasin, 11 Peter Strub, 12 Paul Anderson, 13 Brign Elder, 14 Steve Hartmann, 15 Jim Listerbarger, 16 Marlon Wedemeyer, 17 Jim Jennison, 18 Michael Crabb, 19 Bill Harter, 20 Erik Kvale, 21 Scott Sechovec, 22 Chuck Weatherly, 23 Kelly McCoy, 24 John Linden, 25 Steve Kohles, 26 Doug Kirk, 27 Brent Jensen, 28 Rex Troute, 29 Rob Hibray, 30 Jerry Lierow, 31 Chuck Kurth, 32 Tim Burgess, 33 Jerry Martinson, 34 Doug Burns, 35 Rick Flatt, 36 Randy Norris, 37 Dave Grindberg, 38 Greg Shirk, 39 Bob Miller, 40 Kevin Klee, 41 Thomas Wisner, 42 Nick Kirch, 43 Alan Smith.

Alpha Xi Delta



1 Diana Adamson, 2 Kimbra Tish, 3 Any Rogers, 4 Nancy Tarbell, 5 Lynn Kerr, 6 Lynne Trapp, 7 Denise Burden, 8 Patch Oliver, 9 Betsy Broshar, 10 Jonelle Blank, 11 Bonnie Day, 12 Julie Northcraft, 13 Deb Basler, 14 Deb Wardrip, 15 Deb Lewis, 16 Ann Vroman, 17 Leslie Orem, 18 Lorilee Peterson, 19 Krisann McMahon, 20 Lori Olson, 21 Su Temple, 22 Janice Transue, 23 Ann Wilson, 24 Sue Erikson, 25 Keley Smith, 26 Julianne Peitz, 27 Jane Irwin, 28 Amy Landers, 29 Cathy Van Note, 30 Linda Markel, 31 Kathy Strutzel, 32 Kim Davis, 33 Michelle Lewis, 34 Nancy Goodwin, 35 Janet Cook, 36 Julianne Magniamele, 37 Barb Doerman, 38 Ann Burkholder, 39 Kim Humphrey, 40 Gena Smedema, 41 Diana Jarrard, 42 Sheri Jensen, 43 Deb Marti, 44 Ann Fresanborg, 45 Jane Burkholder, 46 Jaci McCormack, 47 Alicia Kibbler, 48 Val Fletchall, 49 Susie Booth, 50 Mary Ann Wooster, 51 Kathy Thompson, 52 Lisa Humphrey, 53 Laurie Riggert, 54 Lori Tagg, 55 Kathy Terranova, 56 Nancy Overturf, 57 Kathi McNight, 58 Lori Muenster, 59 Barb Straight, 60 Vicki Harty



Beta Sigma Psi



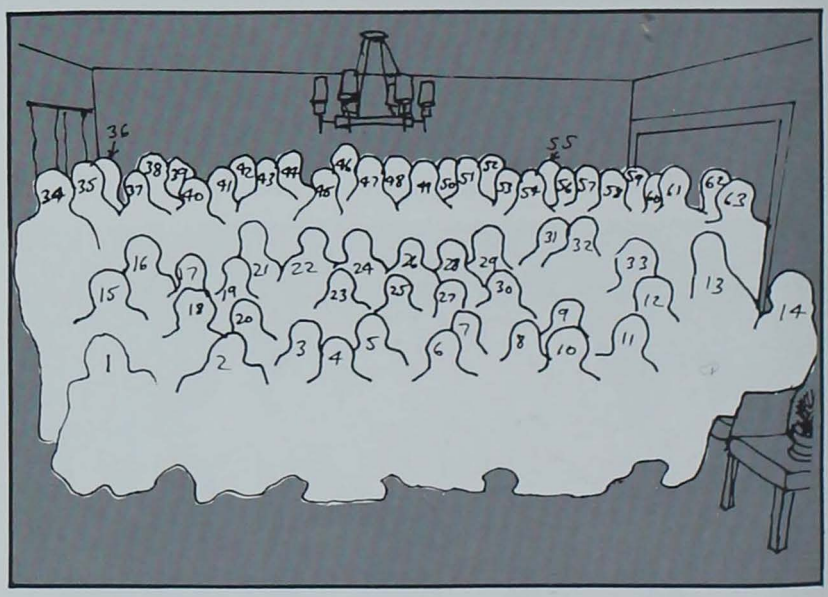


1 Scott Keil, 2 Russ Glade, 3 Kent Dvorak, 4 Dennis Munson, 5 Scott Harvey, 6 Scott Lage, 7 Chuck Anderson, 8 Joel Peterson, 9 Dave Sande, 10 Dan Nolte, 11 Jan Wagoner, 12 Jim Krasselt, 13 Eric Larson, 14 Steve Ernest, 15 Rollie Ehm, 16 Dan Bredbeck, 17 Brad Leonard, 18 Tim Kienast, 19 Dave Asmus, 20 Dean Bierschenk, 21 Scott Thompson, 22 Brad Olson, 23 Elden Niemeyer, 24 Ross Thiedeman, 25 Steve Johnson, 26 Paul Peterson, 27 Doug McKechnie, 28 Myron Thompson, 29 Dan Stickrod, 30 Brian Schafer, 31 Mark Niebuhr, 32 Ron Schuldt, 33 Kevin Self, 34 Steve Johann

Beta Theta Pi

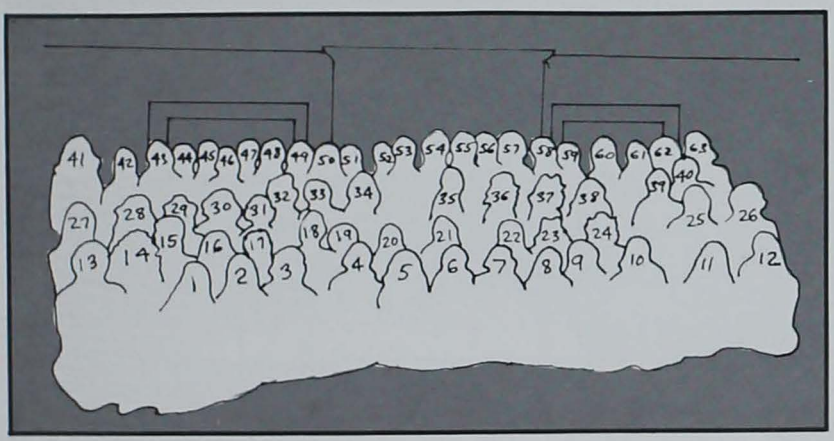


1 Bill Haas, 2 Eric Larson, 3 Jim Stauch, 4 Tom Snyder, 5 Jack Petty, 6 John Bierdaum, 7 Scott Leland, 8 Mark Aljets, 9 John Skyrms, 10 Kevin Luther, 11 Paul Hoefer, 12 Mike Brown, 13 Douglas Hayes, 14 Robin Owens, 15 Mike Shimon, 16 Tom Pierce, 17 Chip Debuse, 18 Brad Johnson, 19 David Underriner, 20 Jim Fifield, 21 Douglas Wilson, 22 Paul Gerding, 23 Alvin Nunnikhoven, 24 Randy Brown, 25 John Crystal, 26 Tom Shimon, 27 Todd Hotchkiss, 28 Brent Williamson, 29 Dave Garringer, 30 Bruce Barringer, 31 Craig Laue, 33 Mike McAlister, 34 Bart Bredar, 35 Jim Fredrickson, 36 Rick Schmid, 37 Gary Laski, 38 Rodd Hall, 39 Brent Sunderman, 40 Steve Bradley, 41 John Park, 42 Jeff Stewart, 43 Kent Rode, 44 Rich Heller, 45 Scott Snyder, 46 Douglas Hoefer, 47 Tom Albertson, 48 Dave Kelly, 49 Chris Vanderholm, 50 Jeff Morgan, 51 Jim Sowards, 52 Mark Lumry, 53 Mike Zdychnec, 54 Dave Wesselhoff, 55 Gary Kneupfer, 56 Tom Obrien, 57 Scott Morton, 58 Fred Homan, 59 Tony Schippers, 60 Dennis Curtis, 61 Bill Kelly, 62 David Denn, 63 David Levins



Chi Omega





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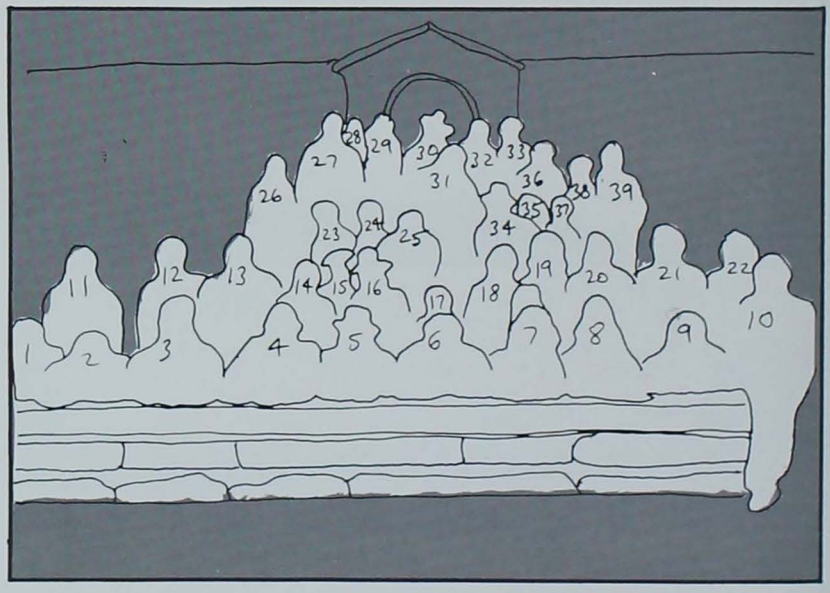
Delta Chi

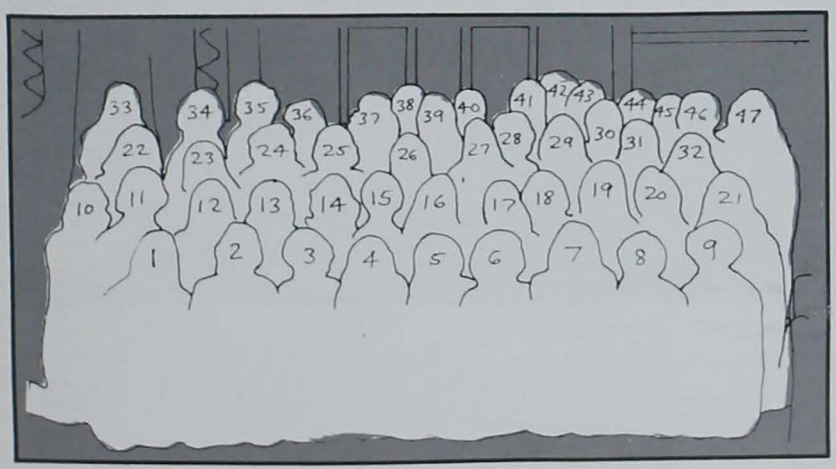


1 Dick Milburn, 2 Greg Hayes, 3 Wayne Christ, 4 Greg Budweg, 5 Jon Emmert, 6 Jim Kilmer, 7 Dave Hunt, 8 John Gioffredi, 9 Steve Maynard, 10 Paul Carroll, 11 Matt Synesvedt, 12 Steve Koob, 13 Tom Joyce, 14 Leonard Olson, 15 Dave Legg, 16 Jerry Anderson, 17 Karl King, 18 Rick Kaufman, 19 Mark Lammers, 20 Mark Althoff, 21 Rob Vonk, 22 Jeff Phillip, 23 Steve Barton, 24 Rich Mohr, 25 Brian Galey, 26 Chris Wegmann, 27 Larry Rieck, 28 Randy Robertson, 29 Bill Kooistra, 30 Randy Slater, 31 Clem Kern, 32 Brian Kinghorn, 33 Paul Curtis, 34 Gary Dodge, 35 Max Knees, 36 Dave Schuler, 37 Darrell Bowman, 38 Kurt Diesch, 39 Bruce Daker



Delta Delta Delta





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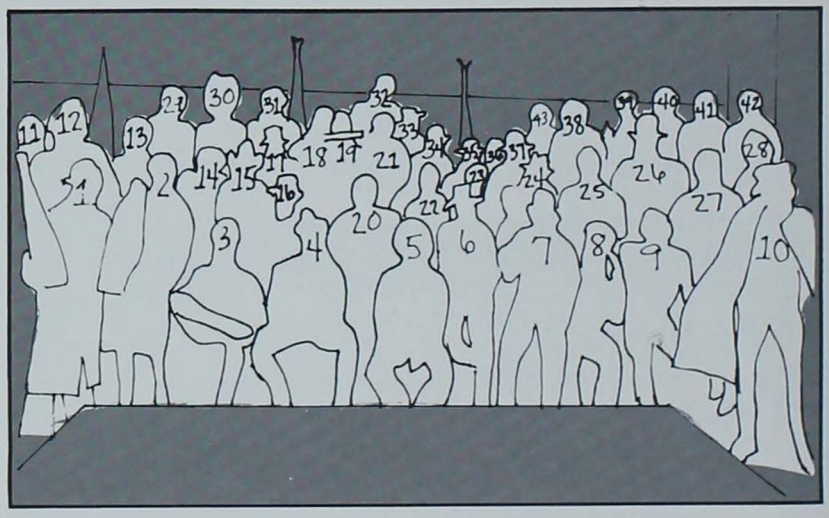
Delta Sigma Phi

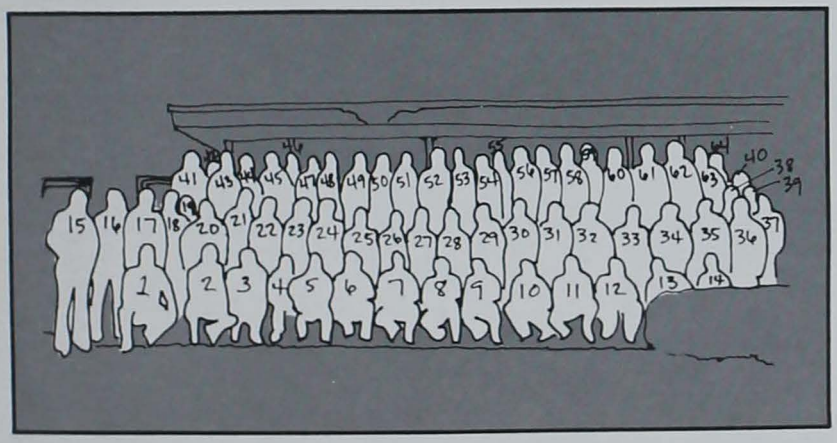




1 Tom Radach, 2 Tony Borzillo, 3 Todd Hansen, 4 Jay Johnson, 5 Steve Leschin, 6 Mark Skerbetz, 7 Matt Craddock, 8 Mike Morris, 9 Dan Hagan, 10 Joel Oostenbrug, 11 Phil Young, 12 Jon Kelly, 13 Mark Neil, 14 Ali Javad, 15 Joe Beary, 16 Mike Schmidt, 17 Bill Penrose, 18 Gil Langerhans, 19 Kevin Dowling, 20 Dave Wilson, 21 Karl Albensoeder, 22 Dean Davidson, 23 Dave Knecht, 24 John Biever, 25 Dave Cummings, 26 Ted Lewiston, 27 Daryl Steffes, 38 Don Treanor, 29 Mark Cooper, 30 Mark Messer, 31 Craig Fobian, 32 Jon Lee, 33 Scott Staska, 34 Dick Illingworth, 35 Dan Hoffman, 36 Bob Lehman, 37 Jim Ostering, 38 Jeff Dahn, 39 Kevin Paar, 40 Dan Young, 41 Dan Muller, 42 Denny Finley, 43 Matt Miller

Delta Tau Delta





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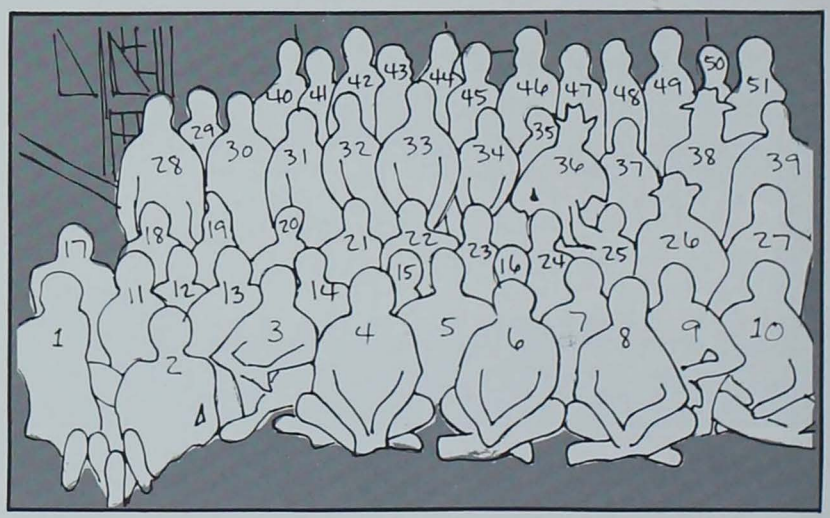
Delta Upsilon

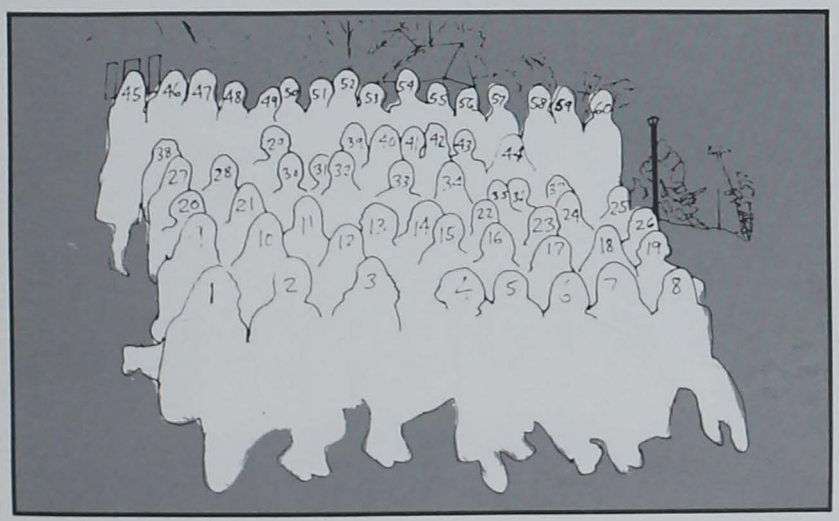


1 Gary Hendrickson, 2 Shale Nyberg, 3 Clark Scott, 4 Kirk Jeffries, 5 Jim Euchner, 6 Brad Meyer, 7 Erik Munn, 8 Doug Spong, 9 Doug Jones, 10 Dave Annis, 11 Mark Dean, 12 Dave Zink, 13 Barry Mills, 14 Art Smith, 15 Scott Pope, 16 Doug Burmeister, 17 Randy Hausler, 18 R. J. Renk, 19 Steve Harder, 20 Al Mores, 21 John Siberell, 22 Tom Sullivan, 23 Tad Maxwell, 24 Rusty Marx, 25 John Vause, 26 Mark Lovejoy, 27 Mike Speas, 28 Dave Deering, 29 John Brooks, 30 Rex Holland, 31 Jim Giertz, 32 Bob Harvey, 33 Phil Krone, 34 Steve Kock, 35 Bart Thompson, 36 Bob Provorse, 37 Bruce Dean, 38 Scott Orvis, 39 Doug Bovard, 40 Brad Buchanan, 41 Dave Saggau, 42 Glen Smith, 43 Scott Jensen, 44 Dean Albrecht, 45 Rick Knapton, 46 Gary O'Brien, 47 Bruce Larson, 48 John Jeffries, 49 Brad Dillard, 50 Scott Provorse, 51 Mark Miller



Delta Zeta



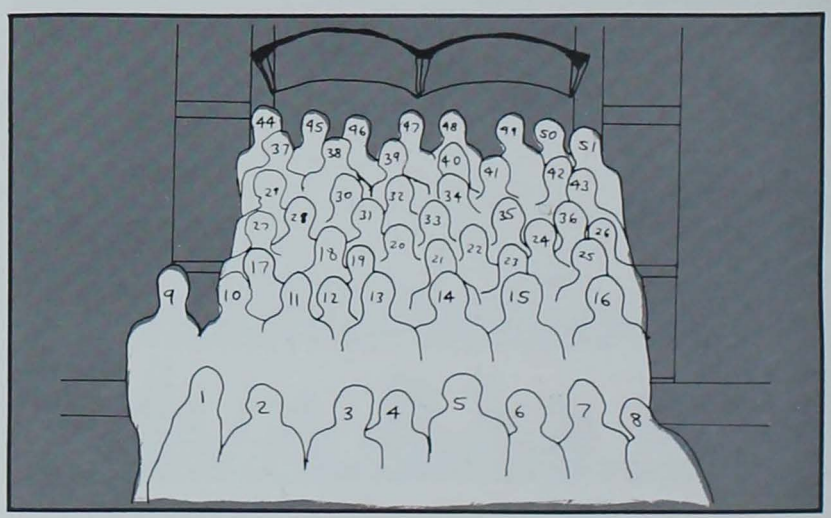


1 Jodi Lee, 2 Mary Sherman, 3 Sandy Cook, 4 Deb Harned, 5 Joni Johnson, 6 Penny Wright, 7 Carol Hanger, 8 Cynthia Johnston, 9 Lucy Hale, 10 Cindy Lewis, 11 Michelle Ehrenfedt, 12 Paula Norby, 13 Holly Probst, 14 Jenny Peters, 15 Ann Cerling, 16 Laurie Evans, 17 Julie Hayden, 18 Barb Brownell, 19 Sarah Schall, 20 Marcia Mawers, 21 Mary Kay Gannon, 22 Sharon Thrasher, 23 Mary Jean Noble, 24 Sascha Vosburgh, 25 Kim Jacobson, 26 Deb Olson, 27 Jane Rodman, 28 Cindy Young, 29 Kit Schultz, 30 Leigh Ann George, 31 Michala Kerns, 32 Kathy Hotle, 33 Carol Krupps, 34 Jan Oppenheimer, 35 Beth Colby, 36 Kathy Scott, 37 Joey Tske, 38 Tricia Feyerson, 39 Angie Wiggins, 40 Sue Farley, 41 Melinda Little, 42 Jan Legg, 43 Laura Doak, 44 Dawn Vanderloo, 45 Lori Gegner, 46 Rebeeca Eason, 47 Kay Gleason, 48 Carol Flygstad, 49 Marguerite Penick, 50 Julie Hinson, 51 Marcia Vukovich, 52 Kathy Harmison, 53 Florence Fellner, 54 Nancy Dickey, 55 Kandice Freed, 56 Gretchen Rosenberg, 57 Becca Scott, 58 Kim Schulte, 59 Diann Graham, 60 Connie Guenther

Farmhouse

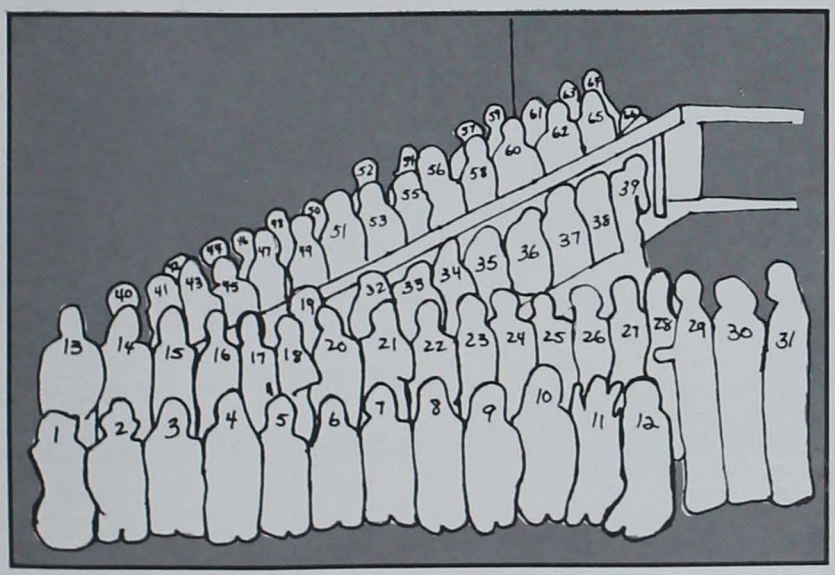


1 Steve Eshelman, 2 Kirk Nelson, 3 Chris Dummermuth, 4 Corby Fichter, 5 Dave Rock, 6 J. Gary Johnson, 7 Brad Langguth, 8 Stephen Nicholson, 9 Jim Tobin, 10 Randy Brenton, 11 Rick Shiefelbein, 12 Mike Sukup, 13 Rick Lowers, 14 Kevin Hewlett, 15 Mark Eshelman, 16 Brant Massman, 17 Mike Moffitt, 18 David Butikofer, 19 Paul Hudson, 20 Don Miles, 21 Jim Packer, 22 Scott Hamilton, 23 Randy Gay, 24 Bruce Sorensen, 25 Tim Dunbar, 26 Randy Crom, 27 Kent McNeley, 28 Gary Albertson, 29 Dave Miles, 30 Paul Kassel, 31 Dave Luick, 32 Chris Holck, 33 Mike Earll, 34 Richard Wales, 35 Scott Kupp, 36 Kent Rohrig, 37 Terry Scott, 38 Sam Spellman, 39 Jim Barker, 40 Guy McCaw, 41 Steve Laures, 42 Jeff Schmeleer, 43 Chris Strony, 44 Warren Clark, 45 Steve Whitty, 46 Dale Roewe, 47 Tim Smith, 48 Jim Kassel, 49 Brian Woolley, 50 Mark Woolley, 51 Steve Carlson



Gamma Phi Beta



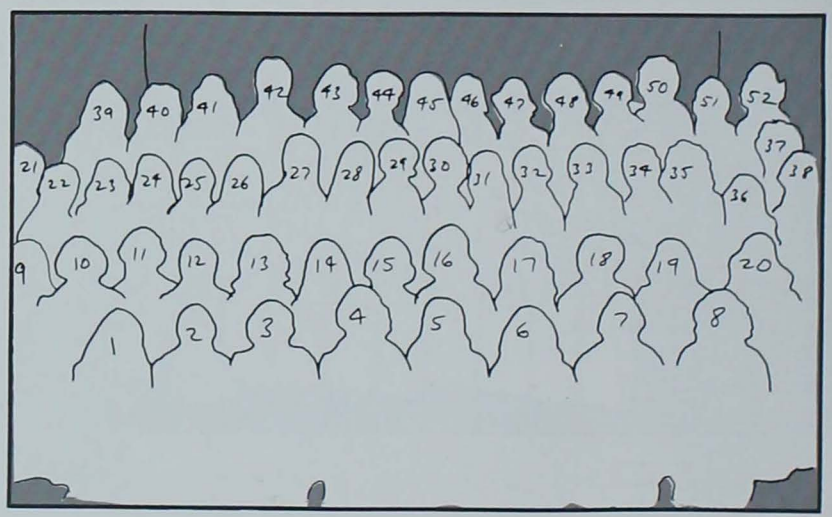


1 Lisa Milligan, 2 Amy Peterson, 3 Robin Tychsen, 4 Bonnie Hansen, 5 Gina Fredrickson, 6 Roxanne Hanrahan, 7 Deb Egli, 8 Kay Hansen, 9 Patty Frandsen, 10 Francy Ford, 11 Cathy Sampson, 12 Ellen Freeze, 13 Karen Schneider, 14 Kristie Smith, 15 Ann Hawthorne, 16 Julie Sammuelson, 17 Tammy Johnson, 18 Anne Ytzen, 19 Jan Norris, 20 Kathy Heller, 21 Lydia King, 22 Diane Bruin, 23 Chris Nassif, 24 Jane Brokaw, 25 Jeanne Buchanan, 26 Ann Hamilton, 27 Jill Cerne, 28 Cathy Dugan, 29 Andrea Crane, 30 Carrie Capon, 31 Kim Wolfe, 32 Julie Fenton, 33 Becky Richards, 34 Michelle McMahill, 35 Carol Nordskog, 36 Pam Behm, 37 Linda Fangman, 38 Sue Wolfe, 39 Nickki Beddard, 40 Maree Bruening, 41 Deb Holbrook, 42 Val Edgington, 43 Carrie Huitt, 44 Shellie Cooper, 45 Carol Knox, 46 Renea Butcher, 47 Diane Wedtke, 48 Janice Miller, 49 Teri Swanson, 50 Stephanie Gaarde, 51 Patti Cowger, 52 Deanna Stone, 53 Sally Connelly, 54 Sue Guillford, 55 Anne Donaldson, 56 Holly Holverson, 57 Carla DeCook, 58 Sue Shaw, 59 Pam Beukema, 60 Mary Beth O'Connor, 61 Lori Kleppe, 62 Maggie Dunlap, 63 Sue Ervin, 64 Julie Lichtey, 65 Liz West, 66 Ann Underbrink

Kappa Alpha Theta

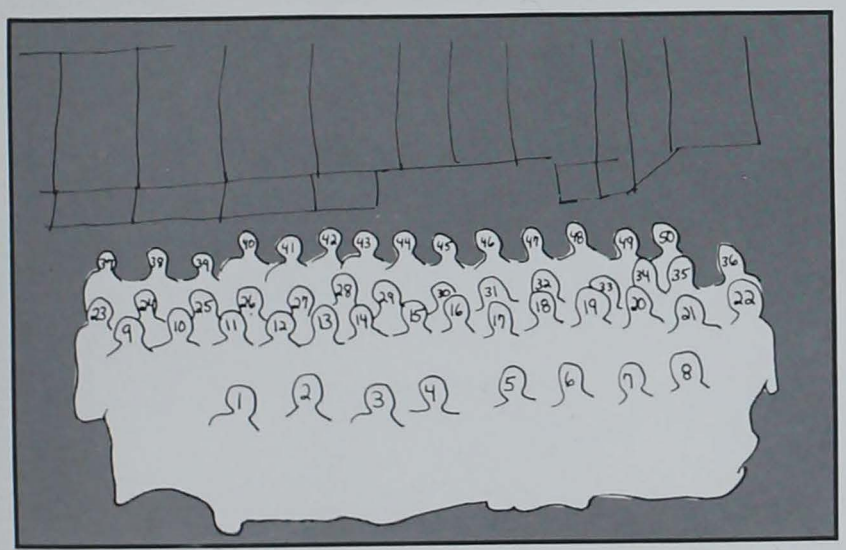


1 Missy Slater, 2 Martha Wallace, 3 Cingy Groff, 4 Diane Basler, 5 Annette Kauffman, 6 Laurie Connell, 7 Mary Hol, 8 Dawn Ver Steeg, 9 Martha Lagomarcino, 10 Lisa Schneiderbauer, 11 Cathy Hertz, 12 Martha Schneider, 13 Kathy Rudin, 14 Julie Arctander, 15 Phyllis VerSteeg, 16 Dorothy J. Tapke, 17 Janene Mier, 18 Toni Falk, 19 Jill Junker, 20 Polly Slater, 21 Kathy Peters, 22 "MOM" Maurine Kiertzner, 23 Jenny Gilman, 24 Deana Slater, 25 Did Virden, 26 Deb Lantz, 26 Diane Jorgenson, 28 Kathy Torno, 29 Audrey Gerrish, 30 Heidi Knapp, 31 Peggy Mounts, 32 Cathy McCreedy, 33 Lynn Johnson, 34 Julie Forbes, 35 Peg Ingram, 36 Kay Ahrend, 37 Roxanne Rhinehart, 38 Sarah Garner, 39 Edna Boschat, 40 Susan Allgood, 41 Susan Teegan, 42 Miriam Buhler, 43 Lisa Roter, 44 Carol Hanson, 45 Sharon Heithoff, 46 Patty Tripses, 47 Barb Chapin, 48 Susan Stoner, 49 Linda Gurganus, 50 Mary Carr, 51 Chris Van Guilder, 52 Jan Peterson



Kappa Delta



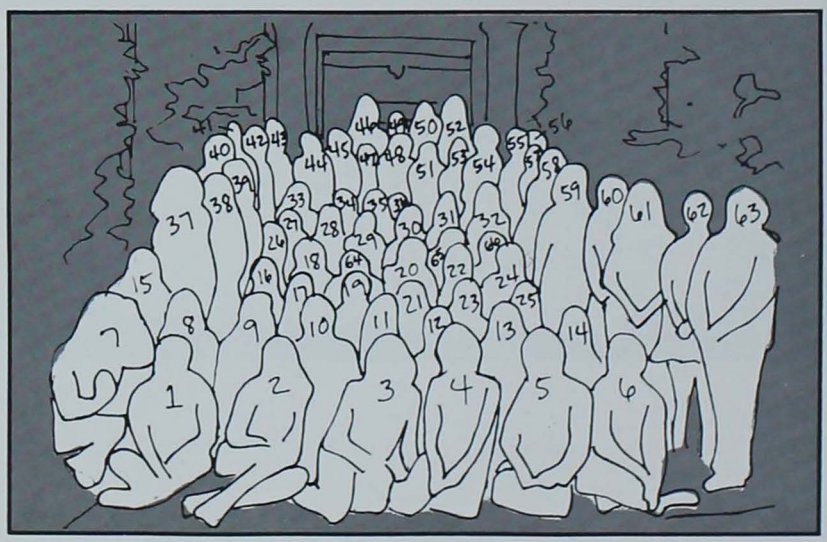


1 Mary Cornwall, 2 Heather Soladay, 3 Barb Willoughby, 4 Sally LePage, 5 Ruth Reinhart, 6 Karen Moret, 7 Denise Cameron, 8 Deb Hazelton, 9 Michelle Fontaine, 10 Kathy Solderholm, 11 Ruthie Karr, 12 Mary Wintercorn, 13 Karen Brummel, 14 Dana Coulour, 15 Robin Miller, 16 Deb Dickson, 17 Sandy Johnson, 18 Fran Lyon, 19 Beth Murray, 20 Judy Louge, 21 Shelly Martin, 22 Becky Rhoades, 23 Liz Kell, 24 Kathy Kavanaugh, 25 Liz Seizer, 26 Brenda Gates, 27 Bobbi Hegland, 28 Marcia Brekenfelder, 29 Ronda Rose, 30 Ann Flood, 31 Jo Shuttleworth, 32 Kathy Felice, 33 Sue Stabler, 34 Terri Brecher, 35 Jackie West, 36 Mary Margaret Grant, 37 Jane Freese, 38 Judy Bates, 39 Frannie Leshin, 40 Rene Weymiller, 41 Pat Green, Judy Burds, 43 Mary Larsen, 44 Kate Raun, 45 Sue Fresco, 46 Noreen Buch, 47 Sue Wagner, 48 Cindy Johnson, 49 Marty Osterling, 50 Jan Hagemeister

Kappa Kappa Gamma

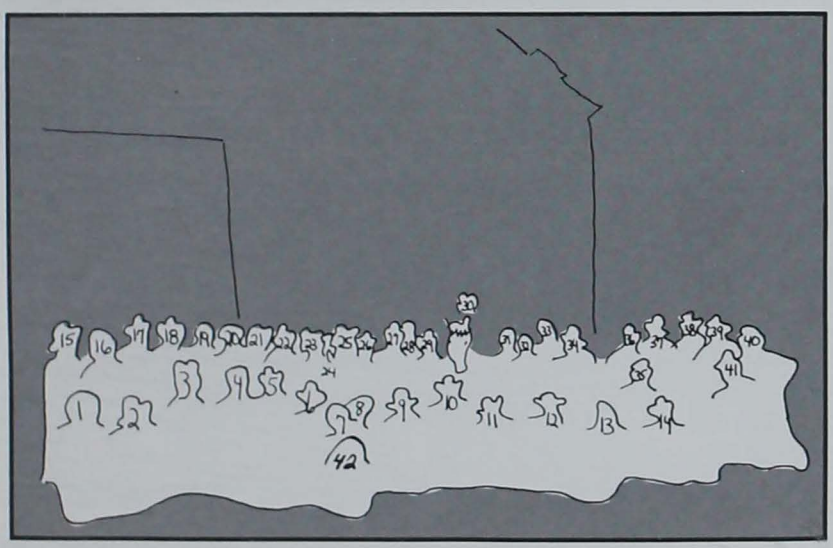


1 Kathy Tubbesing, 2 Denice Thimesch, 3 Jean Karteus, 4 Deb Dobson, 5 Terry Betz, 6 Deb Reich, 7 Sherrie Porter, 8 Lynn Davidson, 9 Sue Zurborg, 10 Mary Yuska, 11 Martha Miller, 12 Liz Knittel, 13 Rhonda Tshirki, 14 Sue Parish, 15 Sharon Spprholtz, 16 Jane Evans, 17 Elaine Kinney, 18 Nancy Wise, 19 Chris Garrett, 20 Laurie Miller, 21 Joni Soorholtz, 22 Sue Collins, 23 Sue Haynes, 24 Sue Vercerka, 25 Carole Sargent, 26 Diane Carlson, 27 Shelly Ehrmann, 28 Audrey Smith, 29 Lorraine Zelle, 30 Kathy Evans, 31 Michelle Matheson, 32 Cindy Smith, 33 Kathy Donadio, 34 Jill Jones, 35 Kathy Foley, 36 Carolyn Nissen, 37 Brenda Bryant, 38 Barb Mitchel, 39 Annette Byers, 40 Sarah Robbins, 41 Mardie Pontius, 42 Mary Cox, 43 Lori Allen, 44 Ann Mannel, 45 Laurie Beja, 46 Lisa Cameron, 47 Mary Mycka, 48 Laurie Scott, 49 Shan Marsh, 50 Mary Barry, 51 Patti Morin, 52 Joan Fox, 53 Kim Poulsen, 54 Marti Pecaut, 55 Pauline Olson, 56 Jill Grayson, 57 Lisa Smith, 58 Jane Burnett, 59 Kristin Matheson, 60 Jean Worsing, 61 Katie Wennes, 62 Kristi Ogland, 63 Mom Mayer, 64 Bridget Buck, 65 Sue Hufford, 66 Ann Scroggs



Kappa Sigma



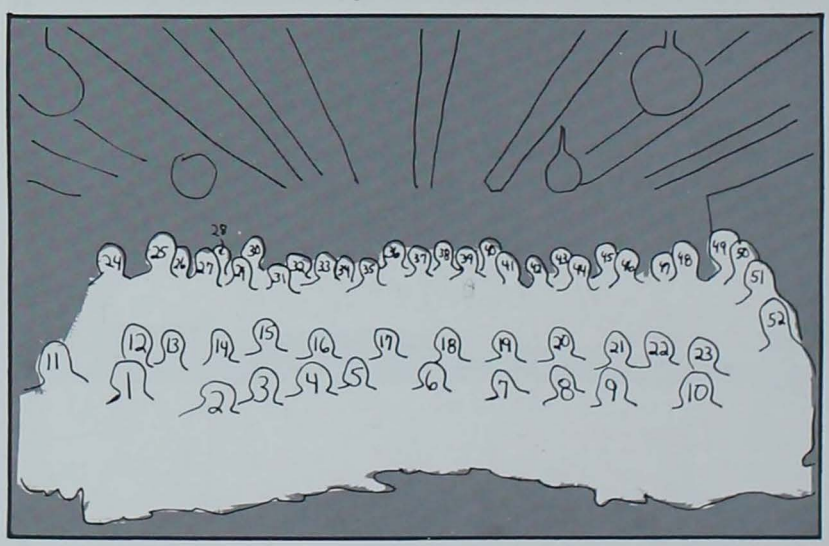


1 Larry Lamotte, 2 Brian Braderick, 3 Kent Fidlar, 4 Al Benson, 5 Bryan Williams, 6 Bill Dohse, 7 Doug Cooper, 8 Curt Wessel, 9 Wayne Smith, 10 Jeff Welsch, 11 David Bennett, 12 Erich Weinfurter, 13 Mike Weeks, 14 Mark Alcorn, 15 Dwayne Wright, 16 Brett Sicgrist, 17 Jim Reddington, 18 Jeff Lang, 19 Randy Hendricks, 20 Mark Clark, 21 Mark Hokel, 22 Ed Clay, 23 Don Boegel, 24 Randy Barber, 25 Randy Whitaker, 26 Duane Stange, 27 Larry Schuster, 28 Gene Vaske, 29 Wes Worrell, 30 Dave Myhr, 31 Rick Larsen, 32 Todd Olsen, 33 Jim Newberry, 34 Fred Henry, 35 Bob Nelson, 36 Harold Petersen, 37 John Clay, 38 Tom Mackland, 39 Jeff Gore, 40 Kevin Ryan, 41 Gary Larson, 42 Yukon

Lambda Chi Alpha

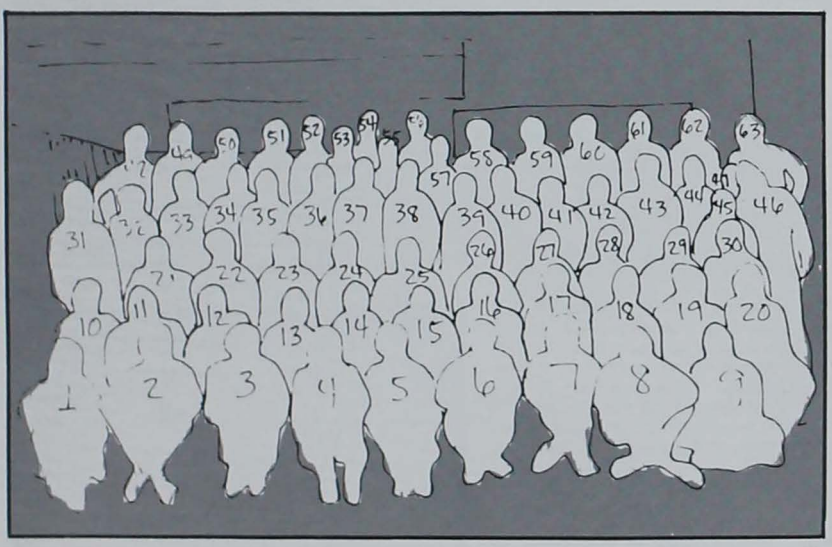


1 Mark Zimmerman, 2 Rich Kaduce, 3 Don Tarnasky, 4 John Stark, 5 Glenn Vosalka, 6 Brent Taylor, 7 Mike Comstock, 8 Tim Peterson, 9 Scot Babbit, 10 Gary Earhart, 11 Gary Fischer, 12 Kevin Hemphill, 13 Kylan Block, 14 Jay Leigh, 15 Craig Hemphill, 16 Mike Novy, 17 Greg Redman, 18 Ralph Otis, 19 Scott Wickman, 20 Owen Morton, 21 Kurt Zaske, 22 Mike Asbell, 23 Scott Hewitt, 24 Bill Watson, 25 Dick Brown, 26 Mike Wakumoto, 27 Randy Ritke, 28 Mike Margitan, 29 Larry Hanke, 30 Mark Etchen, 31 Brad Flores, 32 Dave Woito, 33 Dave Meline, 34 Todd Ziebell, 35 Dan Morse, 36 Mike Botts, 37 Larry Beutel, 38 Rick Walter, 39 Bruce Bohlken, 40 Mark Zierath, 41 Robert Wesner, 42 Paul Erickson, 43 Mike Cyr, 44 Matt Chilton, 45 Bill Bump, 46 Dick Roeber, 47 Sherman Morgenstern, 48 Jeff Redmon, 49 John Osborn, 50 Merritt Newton, 51 Bill Rusk, 52 Craig Rich



Phi Delta Theta



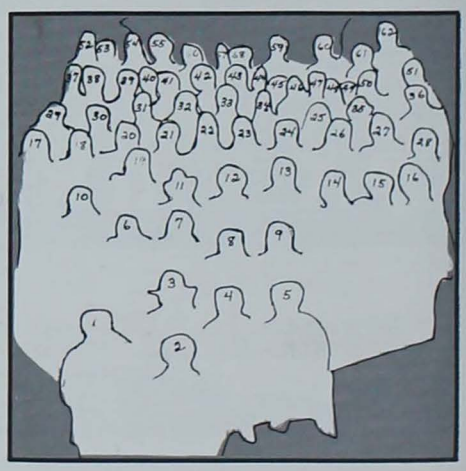


1 Eugene McGivern, 2 John Mc Cabe, 3 Craig Hiemstra, 4 James Paustian, 5 Robert Blackburn, 6 Craig Tatro, 7 Paul Schulz, 8 John Bushman, 9 Brian Tomlinson, 10 Michael Hurd, 11 Eldon Stanley, 12 Curtis Bacon, 13 Todd Davidson, 14 Robert Fowles, 15 Lowell Lannert, 16 Chris Cunningham, 17 Brian Stebbins, 18 Kurt Haglund, 19 Brad Elmitt, 20 David Dorau, 21 Craig Klinefelter, 22 Todd Peshnaw, 23 Jeff Johnson, 24 Rick Zila, 25 Jeff Prall, 26 Gerald King, 27 Robert Shriner, 28 Alan Marty, 29 Peter Panzer, 30 Scott Wagner, 31 Richard MacInnes, 32 Greg White, 33 Thomas Kleen, 34 Jeff Schulz, 35 Mark Alexander, 35 Don Gallagher, 37 Thomas Undervrink, 38 Arthur Kirk, 39 Steve Brownmiller, 40 Kevin Colton, 41 Doug Knapp, 42 Calvin Latting, 43 Dennis Tiffany, 44 Dave Prouty, 45 Jon Grobeck, 46 Johnny Miller, 47 Neil Mulholland, 48 Cameron Dubes, 49 Scott Johnson, 50 Brian Breidert, 51 Edward Smith, 52 Craig Ried, 53 Mark Barkley, 54 Wade Stange, 55 Henry Hanson, 56 Gregg Gustafson, 57 Brian Setchell, 58 Gordon Carstens, 59 Larry DuDak, 60 Craig Barnes, 61 Michael Piebe, 62 Chuck Kinsley, 63 John Shinners

Phi Gamma Delta

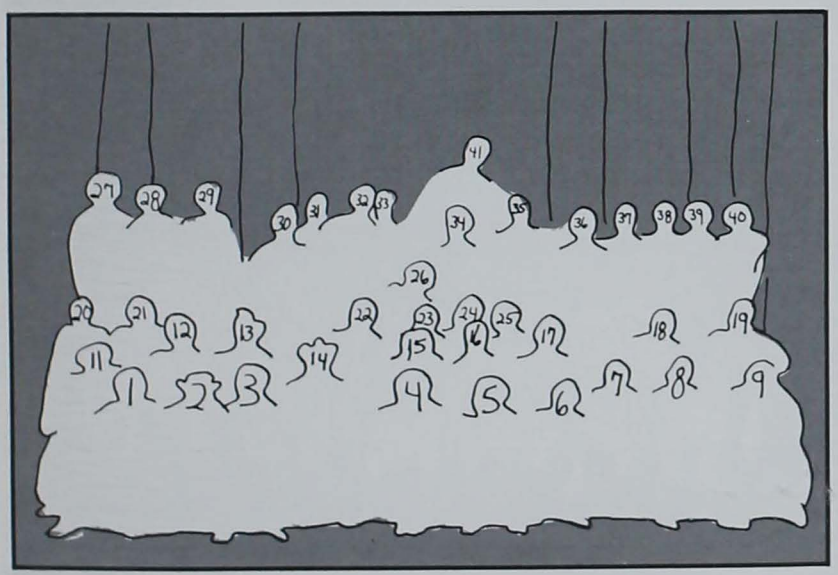


1 Mark Gordon, 2 Lynn Schroeder, 3 Rob Wimmer, 4 Mike Houge, 5 Greg Czapanski, 6 Andy Smith 7 Dave Francis, 8 Paul Smith, 9 Tom Veeder, 10 Eric Moore, 11 Mike Warner, 12 Dave Duff, 14 Greg Doone, 15 Randy Nielsen, 16 John Notolli III, 17 Jim Barrett, 18 Bob Robotta, 19 Terry O'Neil, 20 Mike Cambron, 21 Larry Hoefer, 22 Gerry Gandreau, 23 Mark Lemmons, 24 Randy Teange, 25 Craig Smith, 26 Duane Rowe, 27 George Lake, 28 Greg Love, 29 T. J. Schroeder, 30 Brad Myers, 31 Jim Reagan, 32 Craig King, 34 Mark Merrick, 35 Al Johns, 36 Bob Larrance, 37 Mike Mardis, 38 Curt Gause, 39 Kent Evans, 40 Lee Graham, 41 Kent Wagner, 42 Pete Boedecker, 43 Steve Rowe, 44 Mark Bonesteroo, 45 Dan Campbell, 46 Joe Welsh, 47 Mark Harris, 48 Doug Potter, 49 Gerry Wicks, 50 Dave Geisler, 51 Jay Dorhman, 52 Mike Smith, 53 Steve South, 54 Tom Walden, 55 Mike Hans, 56 Neil McWalter, 57 Fred Oehlerking, 58 Jim Tannhauser, 59 Joe Greitl, 60 Doug Love, 61 Matt Alexander, 62 Mike Leeland



Phi Kappa Psi





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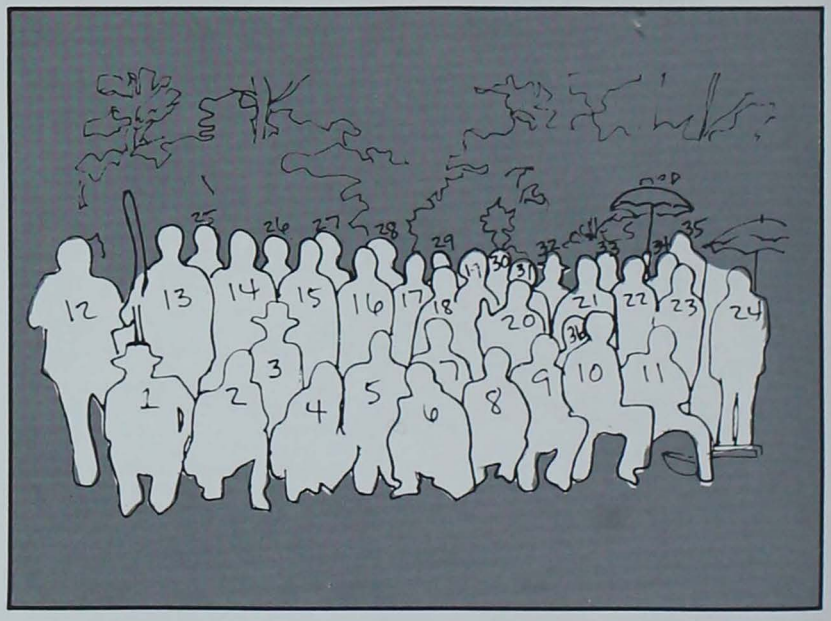
Phi Kappa Theta

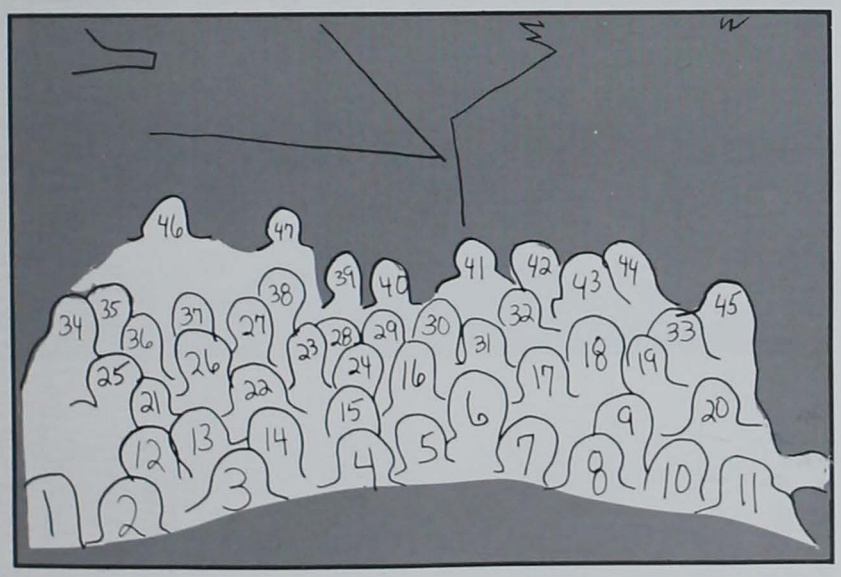


1 Paul Littrel, 2 Paul Miller, 3 John Myer, 4 Paul R. Miller, 5 Greg McCloud, 6 John Luksetich, 7 Brad Wrider, 8 Scott Clark, 9 John Rhode, 10 Tim Laird, 11 Mike Probst, 12 Dennis Dwyer, 13 Dave Dickson, 14 Mike Budde, 15 Brad Smith, 16 Doug Nicholson, 17 Ken Fenton, 18 Larry Eaton, 19 Andy Dole, 20 Brian Biegger, 21 Pat Grablin, 22 Eric Schatz, 23 Brian Littrel, 24 Ken Hull, 25 Jim Lynxwieller, 26 Jim Pribe, 27 Bill Mueller, 28 Tim Gough 29 Tom Hobson, 30 Dennis Wise, 31 Dave Dessel, 32 Joe Hobson, 33 Dennis Atkinson, 34 Neil Dierks, 35 Tim Shell, 36 Herb Dobbs



Pi Beta Phi

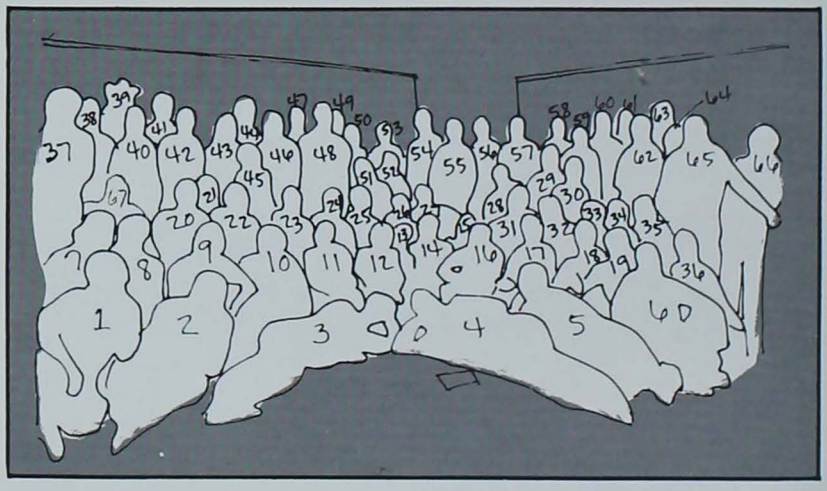




1 Betsy Pontius, 2 Carolyn Lawler, 3 Janet Moore, 4 Barb Lacke, 5 Sandy Tippens, 6 Jane Field, 7 Vicky Cotto, 8 Kristi Shaw, 9 Ann Paule, 10 Jane Eshbaugh, 11 Laurie Damgaard, 12 Amy Becker, 13 Caren Jennings, 14 Heather Mactier, 15 Renee Haskins, 16 Stephanie Mealiff, 17 Carol Chapman, 18 Amy Oelschlager, 19 Sarah Hoenke, 20 Jenean Larsen, 21 Carrie Lueder, 22 Sue Palm, 23 Cindy Anderson, 24 Sue McGarvey, 25 Ann Jackson, 26 Kristy Krupicka, 27 Wendy Kopp, 28 Betsy Beatty, 29 Meleah Johnson, 30 Jamie Ferguson, 31 Susan Hutchison, 32 Melanie Hurd, 33 Lisa Bredar, 34 Chantry Maxwell, 35 Susan Bailey, 36 Mary Power, 37 Laura Hedgepath, 38 Nancy Tauge, 39 Jennifer Mealiff, 40 Sue Isaacson, 41 Denise Maxwell, 42 Lisa Holmberg, 43 Sally Oelschlager, 44 Patti Said, 45 Cee Cee Vosseller, 46 Jean Devitt, 47 Peggy Ehrke

Pi Kappa Alpha

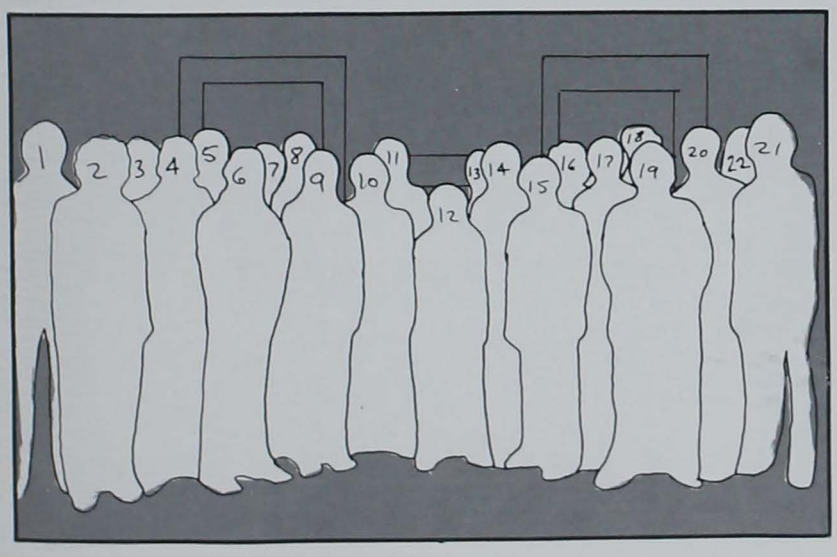




1 Dave Tillinghast, 2 John Judge, 3 Bob Radler, 4 Cyclone Gude, 5 Ron Stauffer, 6 Mark Gude, 7 Bill Ziegler, 8 Dan Peterson, 9 Dan Knudsen, 10 Rake Risker, 11 Doug Boden, 12 Tom Hemphill, 13 Marc Pooley, 14 Gary Young, 15 Earle Bruce, 16 Mark Wegelin, 17 Jim Armstrong, 18 Pete Sipos, 19 Tom Lansman, 20 Mike Klisares, 21 Jeff Mueller, 22 Slim Zachar, 23 Greg Churchill, 24 Scott Blunck, 25 Tim Thilo, 26 Kip Graham, 27 Rich Wyatt, 28 Mark Hunsicker, 29 John Tucker, 30 Terry Tjelmeland, 31 Mark Wagner, 32 Mike Kortendick, 33 Stewart Oliver, 34 Doug Boden, 35 Jeff Klisares, 36 Pat Marshall, 37 Dave Rossman, 38 John Plouzek, 39 Kent Wanamaker, 40 Dave Steinke, 41 Jim Wormhoudt, 42 Steve Nabity, 43 Joe Cooper, 44 Terry Earnest, 45 Cakes Peters, 46 Greg Swanson, 47 Jim Loux, 48 Duane Visser, 49 Steve A. Doerfler, 50 Dan Nemmers, 51 Bill Luterbach, 52 Brad Frederick, 53 Steve "Dad" Boden, 54 Scott McQueen, 55 Larry Brophy, 56 Brad Lorenger, 57 Greg Clausen, 58 Jay Hinkhouse, 59 Don Peeler, 60 Doug Thompson, 61 Mark Henderson, 62 Mick Rathermel, 63 Matt Breneman, 64 Gary Whicker, 65 Todd Feltz, 66 Matt Hetzler, 67 Hally Henderson

Pi Kappa Phi





1 Michael Brandt, 2 Jaime Riechardt, 3 Timothy Van Oort, 4 Jay Stephens, 5 Charles Noty, 6 Jim Calvert, 7 Glenn Fritschle, 8 Steven Anderson, 9 David Little, 10 Doug Carrithers, 11 Gary Shimon, 12 Cong Giap, 13 Hal Dirksen, 14 Todd Settle, 15 Al Doane, 16 Mark Morarie, 17 Dean Fredericks, 18 Bruce Lippold, 19 Darwin Gamm, 20 Charles Van Zyle, 21 Duane Weber, 22 Dan Nash

Sigma Alpha Epsilon

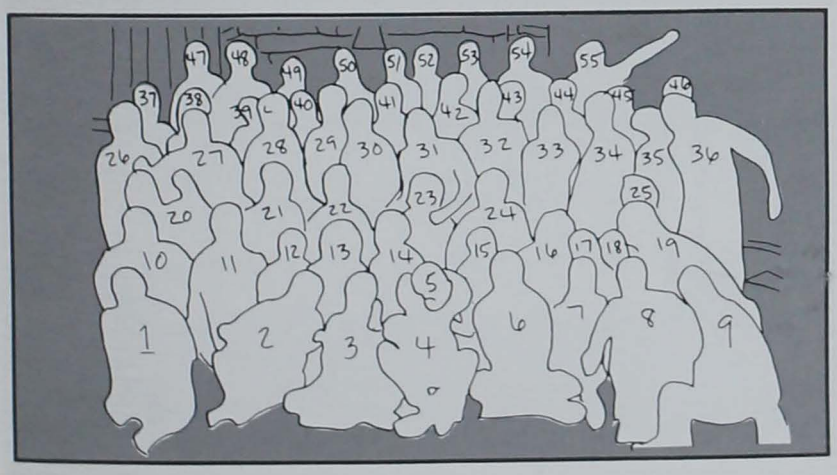


1 Brad Nebergall, 2 Gary Munson, 3 John Copeland, 4 Mark Newland, 5 Joe Mingo, 6 Al Johnson, 7 Rick Phillips, 8 Barny Smith, 9 Dave Johnson, 10 Jason Watson, 11 Mike Shaw, 12 John Whitaker, 13 Ed Linquist, 14 Dennis Winters, 15 Brad Lyons, 16 Dan Jacopson, 17 Dave Holloway, 18 Ron Phillips, 19 Dan Clark, 20 Scott Harmon, 21 John Doll, 22 Dave Dunlap, 23 Mike Denny, 24 Darrel Brostrum, 25 Colby Rable, 26 Phil Cullen, 27 Wayne Davis, 28 Dan Strother, 29 John Lilly, 30 Dick Mitchell, 31 Gregg Prisk, 32 Stan Ethington, 33 Marlyn Fischer, 34 Dave Clem, 35 Kcasy Jones, 36 Delane Hutcheson, 37 Rob Latta, 38 Dan Copeland, 39 Dan Wooldridge, 40 Jeff Carter, 41 Clay Sewell, 42 Tim Kinsella, 43 Mark Viehweg, 44 Doug Jacopsen, 45 Kyle Peterson, 46 Buzz Dickson, 47 Craig Mitchell, 48 Doug Cowan, 49 Dave Hanson, 50 James Wilson, 51 John Connel, 52 Chris Mock, 53 Wynn Elliott, 54 Brad Utterbach, 55 Paul Crooks, 56 Mike Williams, 57 Jeff Coulson, 58 Tim Harmon, 59 Rick Crampton, 60 Steve Wells, 61 John Patterson, 62 Jeff Brandenburg, 63 Doug Watt, 64 Bill Hanley, 65 John Basalaga, 66 Kent Juergans, 67 Judd Coleman, 68 Tim Lenker, 69 Rick Miller, 70 Rick Dunshee, 71 John Moon, 72 Dale Anderson, 73 Jeff Weeden, 74 Buddy Wood, 75 Phil Gudgel, 76 Tom Nutty, 77 Ray Simmons, 78 Mark Christenson, 79 Eric Peterson, 80 Bob Masech



Sigma Chi



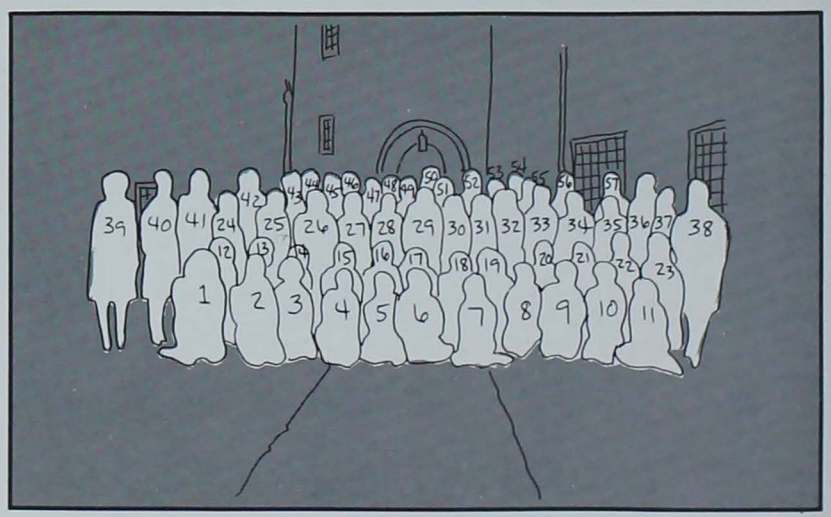


1 Lee Bachman, 2 Randy Pontious, 3 Brandt Cassidy, 4 Mike Marsh, 5 Carolyn Guyton, 6 Scott Keep, 7 Peter Rogers, 8 Kevin Lau, 9 Dan Walter, 10 Paul Waters, 11 Barry Rogers, 12 Deb Timm, 13 Kim Simmons, 14 Jack Benning, 15 Julie Craft, 16 Tom Roth, 17 Marsha Breckenbelder, 18 Randy Kirchner, 19 Jim Carlson, 20 Mark Story, 21 Danne Jones, 22 Jim Dawson, 23 Chuck Clute, 24 Jerry King, 25 Tom Green, 26 Wayne Lonowski, 27 Jim Smith, 28 Mike Ford, 29 Ken Matzdorff, 30 Dan Steinke, 31 Dan Meloy, 32 Kevin Rodriguez, 33 John Stephens, 34 Randy Hight, 35 Dave Missimer, 36 Dave Roberts, 37 Jeff Eaton, 38 Mike Miller, 39 Matt Broshar, 40 Dave Hazen, 41 Ed Hendrickson, 42 Dave King, 43 Dave Crowley, 44 Dave Eaton, 45 Mike Laughlin, 46 Kerry Burkholder, 47 Don Haugerud, 48 Russ Keast, 49 Steve Loudin, 50 John Beke, 51 Mike Glander, 52 Kirk Whiting, 53 Kent Johnson, 54 Bill Saban, 55 Paul Schultz

Sigma Kappa

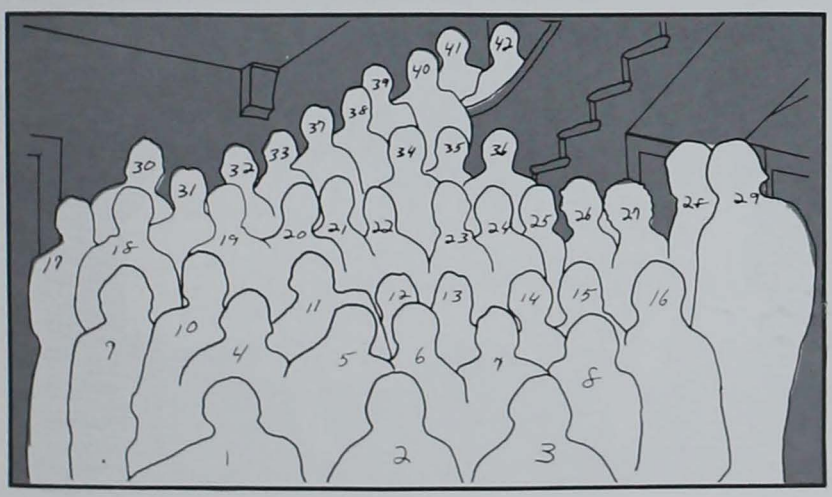


1 Melissa Gadient, 2 Janet Brombaugh, 3 Cheri Scott, 4 Deb Pelkey, 5 Terri Gallup, 6 Carolyn McLeaod, 7 Shawon Broer, 8 May Letko, 9 Lori Lieterman, 10 Anne Rawlings, 11 Jeamine Worthington, 12 Jill Quirin, 13 Julie Brown, 14 Sara Cardamone, 14 Karen Klongerbo, 16 Christine Nolin, 17 Judy Becker, 18 Janine Asmussen, 19 Sherry Cocking, 20 Sandy Fish, 21 Janie Wonders, 22 Tuula Persson, 23 Beth Miller, 24 Lizabeth McDonald, 25 Raena McNeese, 26 Mary Ann Rassmussen, 27 Jane Carothers, 28 Andy Fitch, 29 Mom (Stella) Sturges, 30 Sherre Himming, 31 Janine Hansen, 32 Vicky Fielding, 33 Krista Baton, 34 Cindy Claude, 35 Mary Andrews, 36 Ann Seifert, 37 Dawn Kerns, 38 Sherry Stenson, 39 Pat Roth, 40 Kim Dates, 41 Mary Beth Pratt, 42 Janie Asmussen, 43 Sue Honning, 44 Barb Keppers, 45 Pat Groth, 46 Jean Adams, 47 Lori Schroder, 48 Kathy Thibodeau, 49 Julie Cummings, 50 Lauren Baynall, 51 Paula Prather, 52 Joan Greer, 53 Deb Thomas, 54 Sandy Morrow, 55 Sally Burmester, 56 Joyce Moore, 57 Julie Johannsen



Sigma Nu



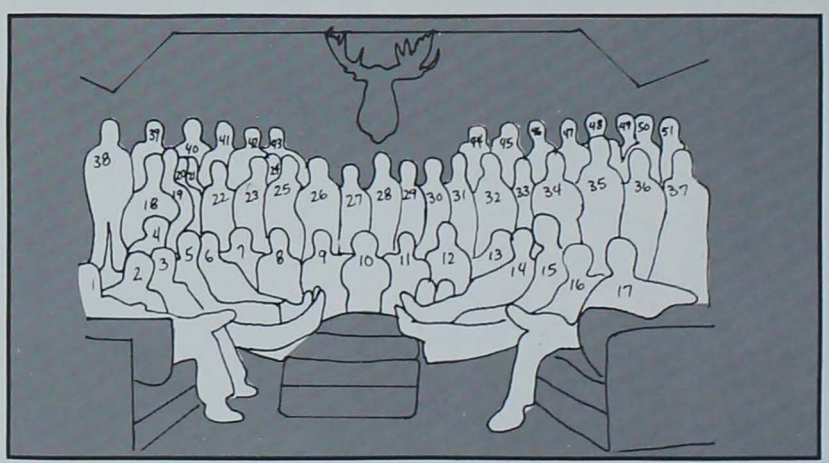


1 Tom Benedict, 2 Des Keller, 3 Chris Chase, 4 Scott Feldman, 5 Scott Taylor, 6 Kevin Dunn, 7 Tom Hidder, 8 Dean Shepard, 9 John Wickman, 10 Curtis Westadt, 11 John Sexton, 12 Steve Grittman, 13 Nick Wand, 14 Kevin Hunter, 15 Steven Steenson, 16 Bob Parker, 17 John Steenson, 18 Jerry Eichinger, 19 William Schuster, 20 Tim Carpenter, 21 Chuck Wingate, 22 Tom Wilroth, 23 Tim Blair, 24 Mark Haymaker, 25 Dick Janssen, 26 Terry Westbrook, 27 Joe Conlon, 28 Dean Hoover, 29 Curt Kuewzi, 30 Kevin Crook, 31 Kevin Knudson, 32 Dennis Choate, 33 John Cheswk, 34 Stephen Donovan, 35 Edwin Choate, 36 Eric Lohry, 37 Jim Peterson, 38 Bill Eichinger, 39 John Moeller, 40 Mark Wernlund, 41 Dave Crew, 42 Jeff Hanson

Sigma Phi Epsilon

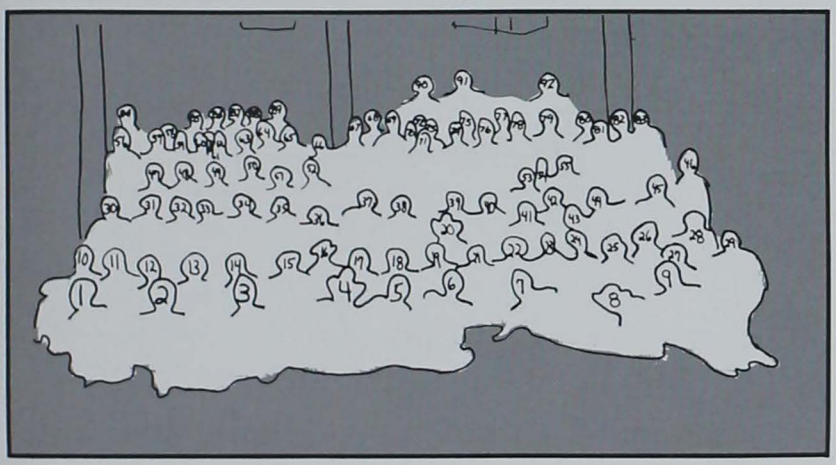


1 Jeff Hauenstein, 2 Bob Duffey, 3 Mike Lowder, 4 John Huston, 5 Don Morris, 6 Ed Sparks, 7 Scott Fabere, 8 Tim Reil, 9 Bob Hanser, 10 Judy Friedman, 11 Mark Samuelson, 12 Tom Booth, 13 Scott Medberry, 14 Bill Carlson, 15 Ted Yungclhs, 16 Pete Van Erkel, 17 Eric Crowell, 18 Russ Adams, 19 Dan Simmons, 20 Art Pounds, 21 Don Behning, 22 Greg Hanger, 23 Kent Bearson, 24 Bill Oliver, 25 Joe Adams, 26 Rick Hazelton, 27 Rex Friedman, 28 Jerry Wiand, 29 Gary Lundgren, 30 Rex Ridenoure, 31 Jim Miller, 32 Marc Ward, 33 Ross Beller, 34 Al Biere, 35 Jeff Prouty, 36 Kent Miller, 37 Dan Abboud, 38 Cary Rutt, 39 Chuck Curl, 40 Dave Judd, 41 Bill Bathe, 42 Jeff Ehler, 43 Dave Harrison, 44 Craig Hansen, 45 Jay Ehler, 46 Dan Anderson, 47 Craig Nelson, 48 Rick Dodds, 49 Matt Teigland, 50 Mark Fabere, 51 Stan Evans



Tau Kappa Epsilon



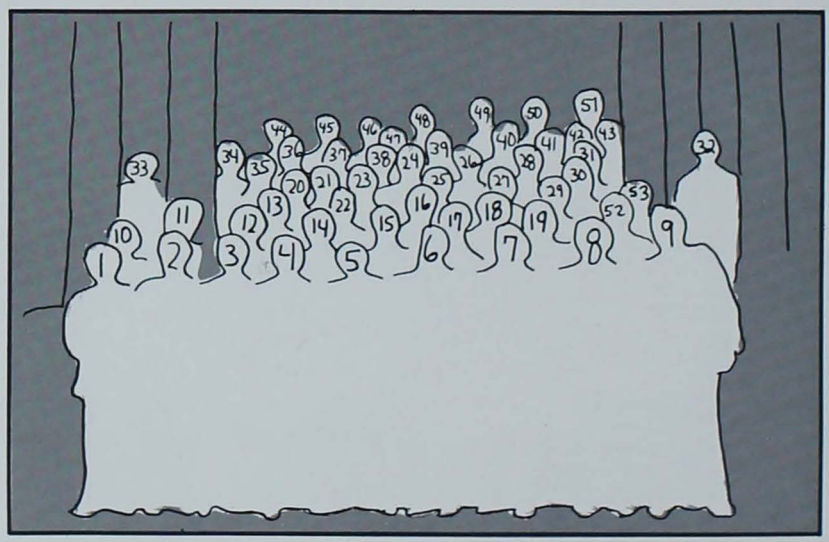


1 Bruce Brown, 2 Dave Nelson, 3 Randy Frescoln, 4 Bufford Andersen, 5 Ken James, 6 Jim Skogsberg, 7 Jim Aagaard, 8 TJ Synhorst, 9 Dave Zimmerman, 10 Joe Erceg, 11 Scott Bovard, 12 Kirk Weber, 13 Jay Baker, 14 Steve Sukup, 15 Brad Phillips, 17 Mark Reis, 18 Bob Ellis, 19 Gimp, 20 Brian Tuttle, 21 Bill Boyd, 22 Ken Kohart, 23 Al Selinger, 24 John Scott, 25 Steve Siganos, 26 Mark Killian, 27 Ron Meyer, 28 Pete Pietch, 29 DJ Radio, 30 Bob Weber, 31 Scott Hendricks, 32 Roger Underwood, 33 Lee Selinger, 34 Larry Beals, 35 Dave Kempkes, 36 Paul Cowan, 37 Pat Huston, 38 Evelyn Goehring, 39 Jim Peters, 40 Greg Miller, 41 Dave Crawford, 42 Jim Eaton, 43 Randy Wregitt, 44 Mike Olson, 45 Jim Schone, 46 Brad Van Voorhis, 47 Scott Sage, 48 Len Griffin, 49 Stu Hadley, 50 Charlie Rowell, 51 John Scheppler, 52 Dave Kaldor, 53 Rich Allison, 54 Mike Lind, 55 Jeff Conley, 57 Mike Millar, 58 Stan Kjergaard, 59 Steve Delaney, 60 Rick Hadley, 61 Dave Hittenmiller, 62 Ted Miller, 63 Don Hittenmiller, 64 Jim Felton, 65 Dave Reese, 66 Burt Finsand, 67 Bruce Kremmers, 68 John Hall, 69 Rob Maple, 70 Ron Opperman, 71 Charlie Graber, 72 Craig Wueve, 73 Rich Stevens, 74 John Kach, 75 Steve Long, 76 Luca Berrone, 77 Scott Gibson, 78 Rob Vrdicek, 79 Ted Potter, 80 Jeff Goodell, 81 Dave Riemers, 82 Bill Kahlor, 83 Jay Johnson, 84 Jeff Chadima, 85 Mike McGuire, 86 Steve Malloy, 87 Bob Kremmers, 88 Kevin Scott, 89 Scott Miller, 90 Bill Oates, 91 Dan Ross, 92 Denny Bole

Theta Chi



1 Bob Schmidt, 2 Steve Carson, 3 Bob Fitzpatrick, 4 Mark Stanway, 5 Bryan Boerschel, 6 Jim Sealock, 7 Doug Ball, 8 Jim Evans, 9 Tom Hagen, 10 Mike McCarten, 11 Randy Gear, 12 Dennis Ogden, 13 Mark Coppess, 14 Ed Schmidt, 15 Ricky Killion, 16 Jim Cooper, 17 Doug Wurster, 18 Paul Von Tersch, 19 Mike Slater, 20 Dave Svinger, 21 Jim Fleming, 22 Tracy Arnold, 23 Kurt Detrick, 24 Ray Thousand, 25 Kent Lauterwasser, 26 Ted Messer, 27 Dennis Tallman, 28 Todd Gutman, 29 Paul Burgan, 30 Curt Pierce, 31 Eric Briese, 32 Andy Hemken, 34 Lance Arnold, 35 Dave Collins, 36 Gary Taylor, 37 Lynn Wiese, 38 Craig Venard, 39 Brian Forman, 40 Tom Manion, 41 Bob Stravel, 42 Jeff Pickert, 43 Doug Ruck, 44 Bill Wessling, 45 John Handfelt, 46 Mike Reddix, 47 Bill Nieland, 48 Del Husz, 49 Maury Zipse, 50 Steve Silhanek, 51 Dave Poultar, 52 Doug Woebbeking, 53 Kimm Larson



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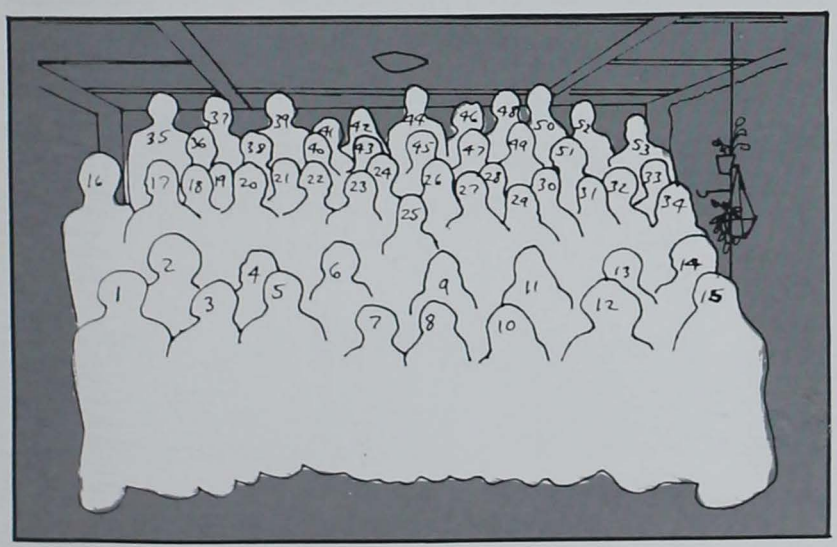

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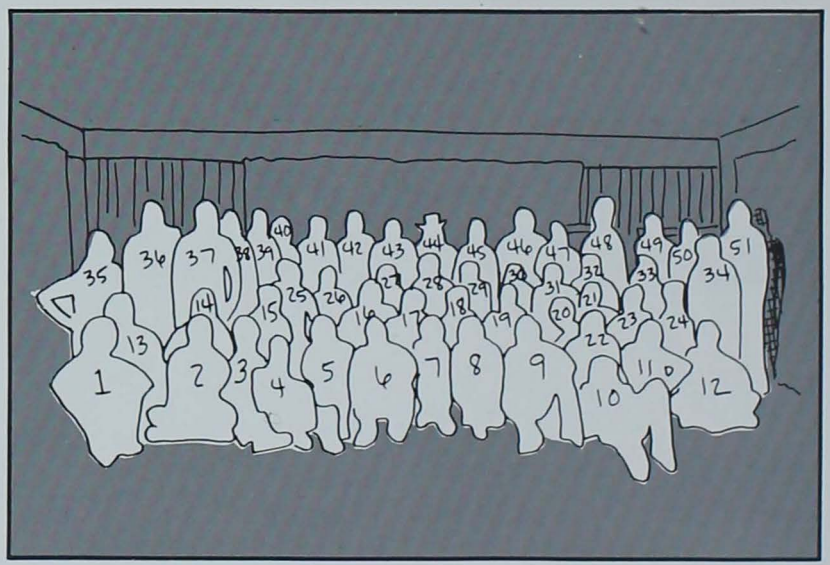
Theta Xi



1 Daniel Schwener, 2 Jerry Marley, 3 Mike Ingelbritson, 4 Steve Herrington, 5 Mike Peterson, 6 Rian Rittgers, 7 Jim Harrington, 8 Kyle Brocker, 9 Skip Landwehr, 10 Mike Rollinson, 11 Mark Rickels, 12 Ron Tigner, 13 Dave Wahlert, 14 Jay Lohman, 15 Mark Veenstrua, 16 George Sassman, 17 Craig Leutzcow, 18 Roger Carlen, 19 Scott Davidson, 20 Marshall Ruble, 21 Kevin Carlson, 22 Scott Schoenbeg, 23 Ted Reeve, 24 Tom rothwell, 25 Bob Reisdert, 26 Doug Peterson, 27 Keith Streit, 28 Chris Voss, 29 Dave Kalshoven, 30 Phil Fevold, 31 Syel Hobbs, 32 Steve Ebers, 33 Dave Sunday, 34 Dennis Van Liew, 35 Tim VanNatta, 36 Doug Lesley, 37 Brent Nordmann, 38 Byron Krull, 39 Wayne Johann, 40 Jim Rothwell, 41 Clark Williams, 42 Ted McMinn, 43 Tom Barkley, 44 Kurt Weinfuster, 45 Rick Wilkin, 46 Pat Higgins, 47 Jon Tellen, 48 Dave Carlon, 49 Jeff Root, 50 Jeff Stenstrom, 51 Mike Jansa



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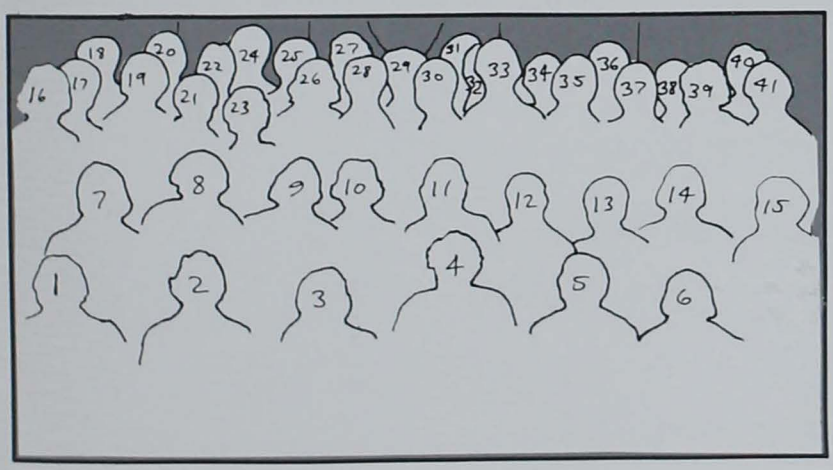

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Zeta Tau Alpha



1 Karen George, 2 Kathy Stimpert, 3 Karine Vandestouwe, 4 Tammy Dienst, 5 Dianne Epps, 6 Tannis Clute, 7 Karen Kennelly, 8 Lisa Hamlett, 9 Louise Geiger, 10 Kathy Howard, 11 Diane Schurr, 12 Mrs. Hogan, 13 Liz Petrusha, 14 Barb Benischek, 15 Patsy Dougherty, 16 Barb Bennett, 17 Lori Schweppe, 18 Jan Rothrock, 19 Nancy Fleming, 20 Kandy Huntington, 21 Lou McDonnell, 22 Beth Green, 23 Mary Kenkel, 24 Lisa Hansetter, 25 Linda Glessner, 26 Kim Kolz, 27 Deanne Johnson, 28 Kim Hall, 29 Jill Graber, 30 Mary Beth Eganhouse, 31 Barb Kirch, 32 Karen Kling, 33 Barb Brintnall, 34 Wendy Richards, 35 Cindy Jacks, 36 Barb McGuire, 37 Lynn Puddington, 38 Sue Inouye, 39 Julie Demastus, 40 Kathy West, 41 Barb Stout, 42 Cindy Moffitt, 43 Kim Jahr, 44 Joan Heikens, 45 Cheryl Bjornson, 46 Diane Lehr, 47 Lauri Loth, 48 Karen Nelson, 49 Barb Atchison, 50 Kristy Fletcher, 51 Mary Rowles, 52 Margie Haus, 53 Deb Drown, 54 Cindy Sunderman, 55 Karen Petersen, 56 Sherry Schaetzlein, 57 Leslie Nelson, 58 Sue Nelson






ΣΚ
KORRAL




ΣΑΕ

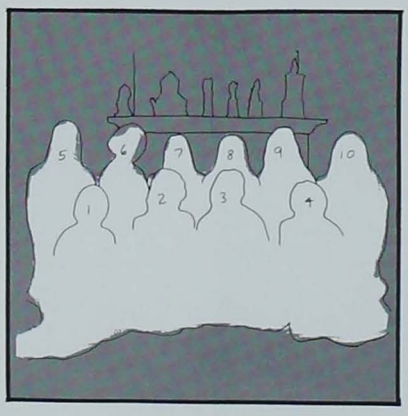
Alpha Sigma Phi Little Sisters



1 Sue Bronson, 2 Karen Pearston, 3 Julie Hicks, 4 Jane Rodman, 5 Penny Hoyle, 6 Patty Hackett, 7 Joanne Kinsella, 8 Sherrie Cumpston, 9 Barb Brown, 10 Kim Kubler, 11 Julie Jones, 12 Sharon Petska, 13 Tim Wirtjes, 14 Sue Walden, 15 Cindy Davidson, 16 Mike Trainor, 17 Kit Schultz



Beta Sigma Phi Little Sisters



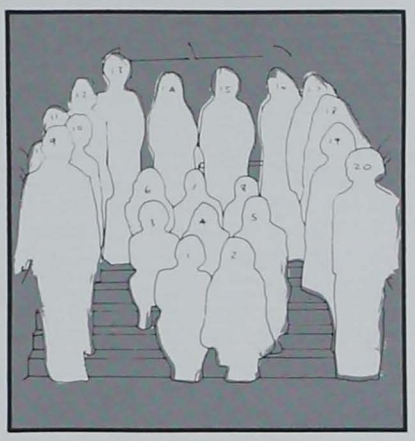
1 Kathleen Harriman, 2 Brenda Phillips, 3 Teresa Hatcher, 4 Leslie Heitman, 5 Martha Jeffrey, 6 Judy Miller, 7 Diane Cook, 8 Cindy DeNere, 9 Natalie Boylan, 10 Tracy Trumbull



Chi Delphia

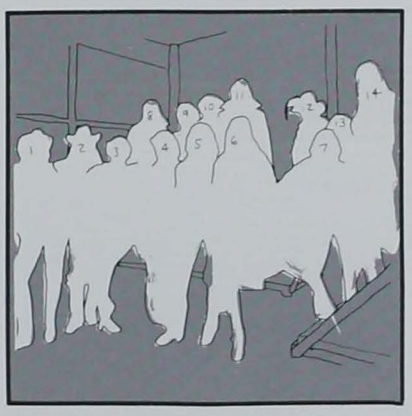


1 Kathy Dillin, 2 Kim Sears, 3 Ellen Soucek, 4 Amy Huber, 5 Chris Timm, 6 Mary Rabuse, 7 Andy Gilbert, 8 Janet Webb, 9 Greta Budweg, 10 Joanne Rosenberg, 11 Rosie Richard, 12 Carol Homervold, 13 Tammy Hammack, 14 Sharon Rubel, 15 Brenda DeDecker, 16 Karen Gatewood, 17 Betsy Wray, 18 Cindy Jorstad, 19 Lynne Gillis, 20 Mary Klonis



Delta Sigma Phi Little Sisters





1 Vicki Cotto, 2 Renee Hoskins, 3 Sue Craddock, 4 Cathy Fear, 5 Kathy Mulder, 6 Gena Smedema, 7 Julie Northcraft, 8 Mary Jean Noble, 9 Marty Osterling, 10 Kathy Vittetoe, 11 Sue Huber, 12 Jane Freese, 13 Joan Riordan, 14 Susie Booth

Fisher-Nickell:

"Not a study house"

"A lot of people have the mistaken idea that this is just a study house and we're a bunch of snobs, but that's about as far from the truth as you can get," said Ken Pins, program assistant.

"We do different things — not just the regular parties every Friday and Saturday nights," said Laurie Fritz, Biol 2.

"I study less now than I did before," said Mike Westfall, Vet Med 3.

Fisher-Nickell House appears "standoffish" — set off all alone between Oak-Elm Halls and Child Development. But it was just that solitary location that helped give birth to the educational-cultural house.

When talk began three years ago about setting up special interest houses within dormitories, the Committee on Alternate Living (COAL) approved a proposal for an education-cultural house, with emphasis on study, according to Pins. At the same time, the educational offices moved to the Vet Quad, leaving the Fisher-Nickell building empty. Enough students were interested in COAL's suggestion that the Residence Hall Department turned the building over to the interested group.

Mike Westfall must make some improvement on the tricycle since he won the house award.





Fisher-Nickell members relax together at a pajama party following an evening of wine and cheese.

And so today 48 students — 25 men, 23 women — share not only a common floor, but common interests and desires.

"I'd say we have a greater respect for other house members," Westfall said. "We don't force them to participate in anything, and we stay quiet enough so if someone does want to study, he can."

Craig Hoveland, I Ad, Ag Bus and Econ 4, calls Fisher-Nickell a "much more real life situation. There is so much to do, to go to — activities and events are more publicized in our house than it seems others hear about them."

The only requirement to become a member is that a person has lived at least one quarter in the residence halls. "We can't interview prospective members, like they do in the Greek system," Pins said. "When we hear of someone who's interested, we send them information and invite them to meetings where we explain what Fisher-Nickell House is, what it does."

There are "always 10" on each waiting list (one for men, one for women), Pins said, adding that 11 men and 22 women are presently signed up.

"We're looking for a mature, active type of person," he said. "And we tell them they are expected to participate."

Pins mentioned that at one point in time, among the house members were two GSB senators, an RCA executive officer and an active theater major.

The members eat in Oak-Elm, but otherwise are "entirely self-sufficient," said the program assistant. "There are no custodians. Twelve students are hired and paid by the Residence Hall Department to take care of cleaning. And mail is sorted by house members."

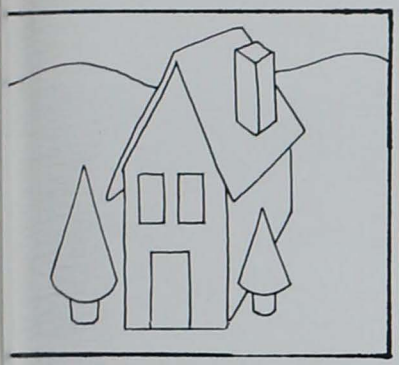
Being self-sufficient creates a possessive atmosphere, as does co-ed living, Pins explained. "It's a nice, homey situation, where men and women get to know each other."

Events and activities house members attend together range from informally-organized "get-togethers" to sign-up sheets for faculty recitals or speakers, formal invitations and planned cultural exchanges, or house-organized events. The more formal events have included talks by President Parks and Vice President of Information and Development Affairs Carl Hamilton, dinner with the ISU Cosmopolitan Club, introductions to the Cleveland Orchestra, and GSB candidate debates.

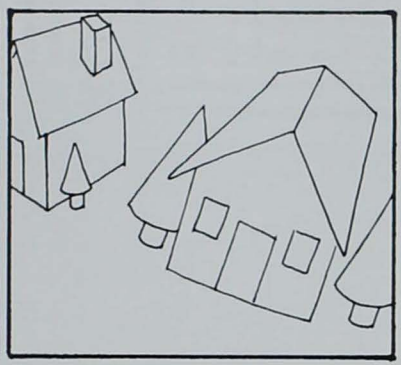
"We go to concerts and campus events together, and are active in intramurals," Fritz said.

Discussion in the past has questioned the emphasis on a study atmosphere versus an atmosphere of programming and activity, according to Pins. But the house members seem satisfied with its present activity, although many have expressed interest in a study house, he said. "I don't know if there's enough demand for another house like this, but if the facilities were available, a study house may be a good idea," Pins concluded.

A not-so-grim fairy tale



This is the house where Jack lives.



This is the house next to the house where Jack lives.



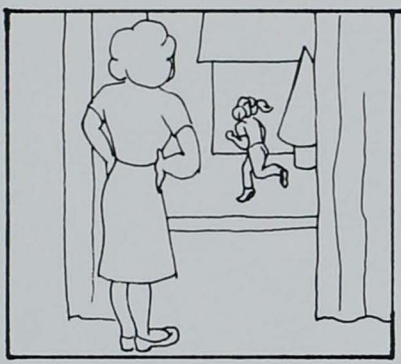
This is the girl who lives in the house next to the house where Jack lives.



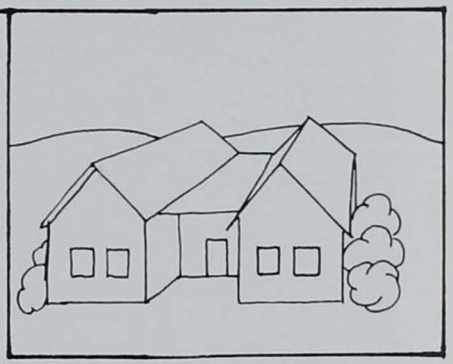
This is the policy governing the girl who lives in the house next to the house where Jack lives.



his is the protest against the policy governing the girl who lives n the house next to the house where Jack lives.



This is the new policy following the protest against the policy governing the girl who lives in the house next to the house where Jack lives.



This is the house where Jack and Jill live.

COAL: the policy mediator

"Co-ed housing was a big jump for the administration."

"Co-ed housing, 24-hour visitation, Fisher-Nickell — all those came out of COAL," said committee member Becky Stall.

The Committee on Alternate Living (COAL) is the mediator between students who want to try a different lifestyle and the Department of Residence.

The group consists of two students and one program advisor from each residence hall association, and one member each from University Student Apartments and the Council of Student Affairs.

"Students present proposals on alternate kinds of living to the committee," said Ken Pins, another student member. "If the proposals meet COAL's criteria, they are sent to Chuck Fredericksen, residence department head, for the final okay," Pins said.

COAL's criteria usually involve a great deal of interest in the proposed living situation, according to Pins, who explained how 24-hour visitation policies came about.

"First, a house had to take a door-to-door survey, and at least 80 percent had to show interest," he said. Then after the proposal was accepted by COAL, an evaluation was required to measure interest and effect at the end of the quarter, Pins explained.

Today, any ISU dorm house may have 24-hour visitation rights if an 80 per cent majority approves.

Even co-ed houses have become acceptable, although "co-ed housing was a big jump," said Stall.

In the spring of 1977, she said, Meeker House, already co-ed, wanted to alternate rooms by sexes. "Fredericksen didn't think he would *ever* approve, because it just wasn't feasible."

Stall added that Meeker's proposal didn't actually get past the committee for the residence department's approval. "Although we felt there might be more interaction, the restroom situation and the liberalness of the proposal we just couldn't accept."

Stall said Fredericksen would accept the every-other-room situation in Westgate Hall, however, since the rooms

"...a Schilletter unit may be used as a study house."

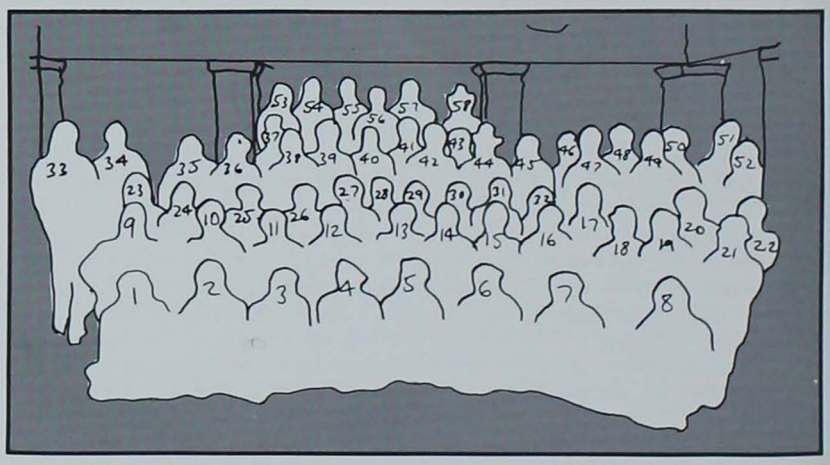
are organized by suites, in which every two rooms share a bathroom between them.

COAL's immediate interests include houses for study and/or special majors. "If 15 people are interested in either, units at Schilletter Village will be set aside for the special groups," Pins said.

Alumni Hall

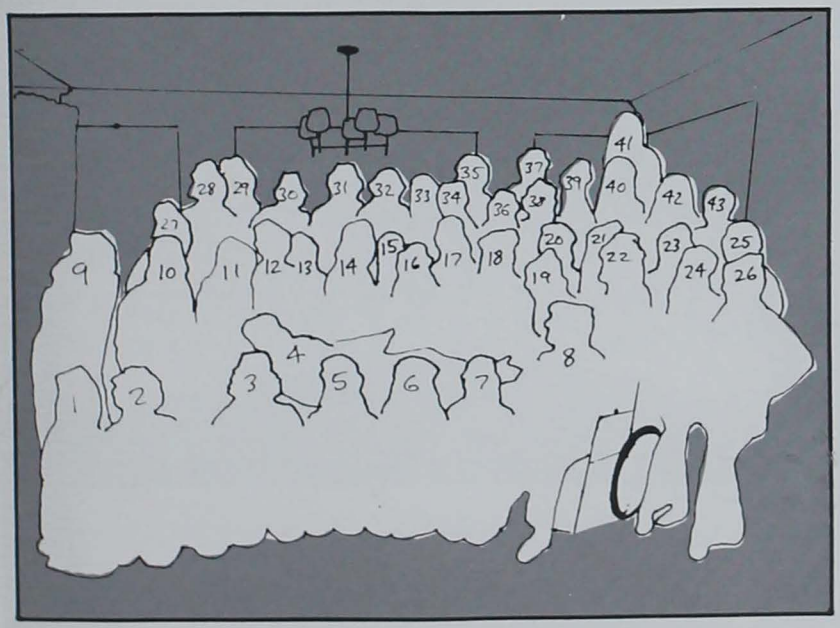


1 Bryan McCoy, 2 John Stephens, 3 Curt Rouse, 4 Larry Anderson, 5 Bob Andersen, 6 Dave Wetzel, 7 David Hassebrock, 8 Craig Urban, 9 Al Moller, 10 Tom Teel, 11 Joe Peiffer, 12 David DeVenney, 13 Steve Beilby, 14 Duane Eichelberger, 15 Rob Phipps, 16 John Graham, 17 Tom Ambroson, 18 Mike Iversen, 19 Norman McCoy, 20 Kent Kennedy, 21 Lee Ayers, 22 Dave Johnson, 23 Mark Walllinga, 24 Kevin Lonergan, 25 Carey Erdman, 26 Jim Tonsfeldt, 27 Rich Evans, 28 Rick Butz, 29 Paul Peiffer, 30 Gray Guthrie, 31 Dave Maubach, 32 Hal Hartke, 33 Jeff Nelson, 34 Steve Hougland, 35 Al Trampel, 36 Kirk Haack, 37 Steve Johnson, 38 Briaan Dangelser, 39 Dan Jones, 40 Bill Gran, 41 Gilbert Webber, 42 Rey Sanchez, 43 Grey Vogel, 44 Rob Evans, 45 Steve Bushong, 46 Mark Iserbrands, 47 John Himken, 48 Jeff Ackerman, 49 Bran Olson, 50 Doug Urban, 51 Jake Brady, 52 Grant Gustofson, 53 Jim Nilles, 54 Doug Brooks, 55 Gerald Gourley, 56 Mike Rehm, 57 Mike Maubach, 58 Jim Patterson



Anders





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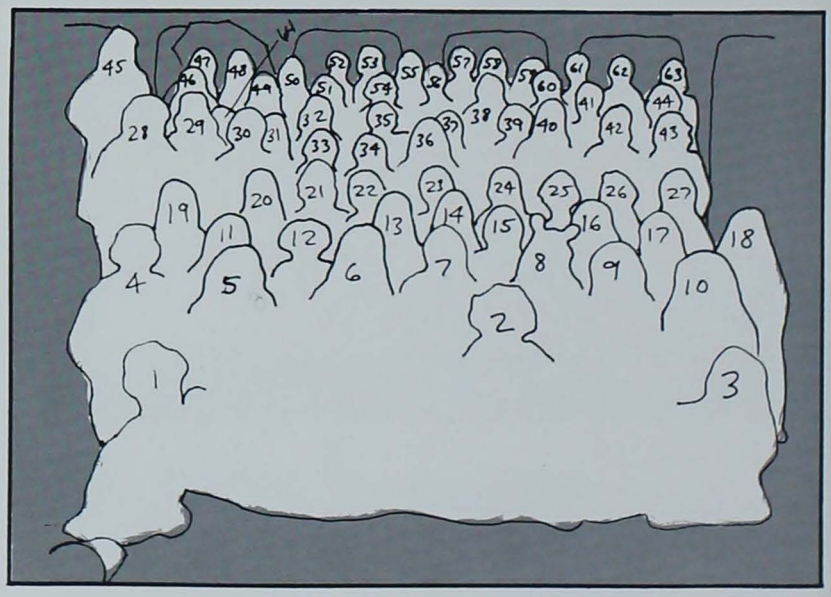
Bates



1 Marie Lavoie, 2 Holly Handorf, 3 Kyla Etchen, 4 Jill Edler, 5 Terri Duer, 6 Barb Sink, 7 Sher Pierce, 8 Lori Hill Fiscus, 9 Egle Graterol, 10 Julie Mitchell, 11 Susie Fair, 12 Ann Harklau, 13 Karen Gillison, 14 Lisa Johnson, 15 Diane Boehde, 16 Carol Schriner, 17 Kelly Drumm, 18 Marty Ives, 19 Micky Owens, 20 Beth Pfeiffer, 21 Diane Castings, 22 Pam Bever, 23 Carol Binneboese, 24 Jan Dewey, 25 Jane Denherder, 26 Linda Geier, 27 Kris Booth, 28 Denise Reed, 29 Jenny Seiler, 30 Laura Dull, 31 Tabitha Gottschalk, 32 Cindy Wichman, 33 Lyn Countryman, 34 Carole Duffy, 35 Julie Peitz, 36 Phyllis Landolf, 37 Kathy Heldenbrand, 38 Laura Klinkner, 39 Becky Carey, 40 Cindy West, 41 Ellen Anderson, 42 Deb Simonson, 43 Dorene Kruse, 44 Jackie Wiese, 45 Mary Jo Jorgenson, 46 Sandy Banes, 47 Jean Barker, 48 Nancy Gray, 49 Arlene Davies, 50 Karen Ramsey, 51 Debbie Day, 52 Wendy Scott, 53 Karen Rowley, 54 Ann Penney, 55 Marsha Irwin, 56 Charlene Jelken, 57 Shelley Carter, 58 Robin Rae, 59 Rhonda Blackburn, 60 Julie Uhde, 61 Liz Dawson, 62 Sue Yungclas, 63 Julie Stump, 64 Mary Flattery



Bergman

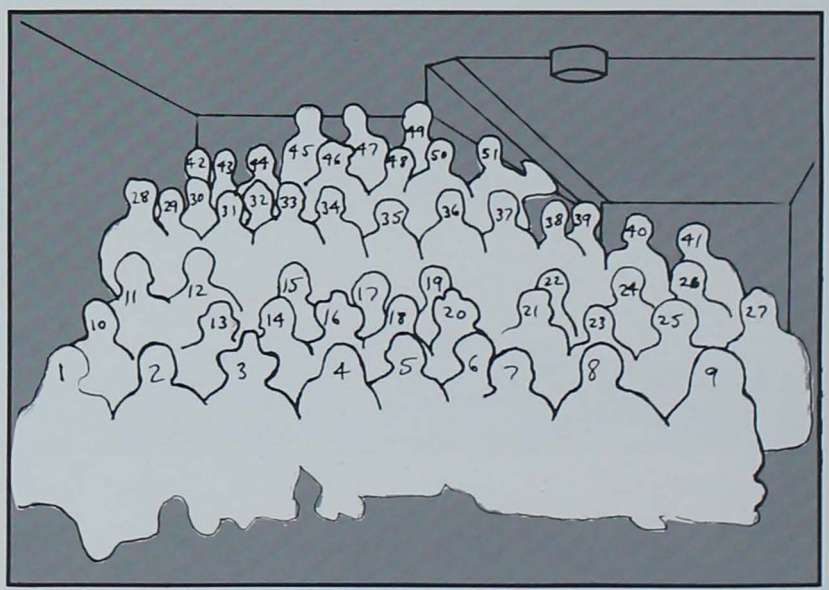




1 Kevin Martin, 2 Dung Chi Ha, 3 Doug Johnson, 4 Jeff Ellingson, 5 Dave Allen, 6 Al Wimmer, 7 Larry Foster, 8 Dan Steffen, 9 Wayne Budding, 10 Joe Sculler, 11 Vernon Smith, 12 John McDonald, 13 Brad Davis, 14 Mark Peters, 15 Andy Stoner, 16 Tim Heldt, 17 Mike Carney, 18 Barry Garrett, 19 John Howell, 20 Jim Vonasek, 21 Gary Ruleman, 22 Carl Bowers, 23 Jeff Bunkers, 24 John Payton, 25 Jim Stephen, 26 Dave Schramm, 27 Sean Ryan, 28 Clark Smith, 29 Kevin Hohbach, 30 Al Taphorn, 31 Jeff Loehr, 32 Mike Ratterman, 33 Al Weber, 34 Tom Shroyer, 35 Brad Maurer, 36 Paul Hauge, 37 Jeff Staley, 38 Craig Musfeldt, 39 Roberto DeGracia, 40 Kirk Maurer, 41 Russ Reimer, 42 Eric Kvam, 43 Ron Ellsworth, 44 Joe Dewitt, 45 Al MacRae

Beyer





1 Steve Isaacson, 2 Rich Cook, 3 Tim Schreck, 4 Rich Russell, 5 Dick Schuldt, 6 Marc Kehrli, 7 Don Logan, 8 Paul Voelker, 9 Satoshi Okamoto, 10 Mike Clayton, 11 Dave Bolte, 12 Kirk Ball, 13 Scott Kruse, 14 Randy Huniker, 15 Murray Lee, 16 Kent Erickson, 17 Steve Sullivan, 18 Kevin desevano, 19 Norm Voelker, 20 Dave Munck, 21 Mike Nilota, 22 John Wilson, 23 Dave Connell, 24 Kevin Schroeder, 25 John Burke, 26 Tim Kelsheimer, 27 Bob Woessner, 28 Terry Brandt, 29 Mark Loth, 30 Pat Huelman, 31 Ken Baker, 32 Scott Kamber, 33 Jeff Wilson, 34 Kent Volkens, 35 Joel Kleven, 36 Dean Borgman, 37 Carlos Pabon-Caban, 38 Todd McDermott, 39 Chris Brewer, 40 Mike Minnehan, 41 Doug Destigter, 42 Bruce Leuschen, 43 Al Vance, 44 Jeff Verhuel, 45 Jim Nielsen, 46 Keith Epp, 47 Abdolreza Palaseyed, 48 Willy Ludwigs, 49 Jeff Ring, 50 Steve Schippers, 51 Bruce Knoke

Bishop





1 Mari Albright, 2 Kim Niven, 3 Linda Hill, 4 Sharon Hammons, 5 Sue Heise, 6 Deb Boege, 7 Julie Moench, 8 Debbie Chandler, 9 Diane Trader, 10 Sherry Chumbley, 11 Lisa Jacobson, 12 Jane Orness, 13 Pam Elmitt, 14 Denice Gordon, 15 Laura Chambers, 16 Joanne Oxley, 17 Deb Antle, 18 Beth Sprenkel, 19 Laurie Brown, 20 Lauren Junkan, 21 Pat Vopat, 22 Melodee Hall, 23 Carol Day, 24 Pat Theobald, 25 Carol Ward, 26 Jane Moser, 27 Sharon Wittrock, 28 Shelley Holets, 29 Zoe Atwood, 30 Kristie Jones, 31 Mary Morshed, 32 Ann Cunningham, 33 Sherry Smith, 34 Kathy Ruebbelke, 35 Maureen Hodson, 36 Kim Pace, 37 Jobeth Malone, 38 Sandy Leonard, 39 Sue Hopper, 40 Sue Stalpess, 41 Lori Allen, 42 Jill Junker, 43 Maureen Mehigan, 44 Cynthia Hart

Brown/Anthony

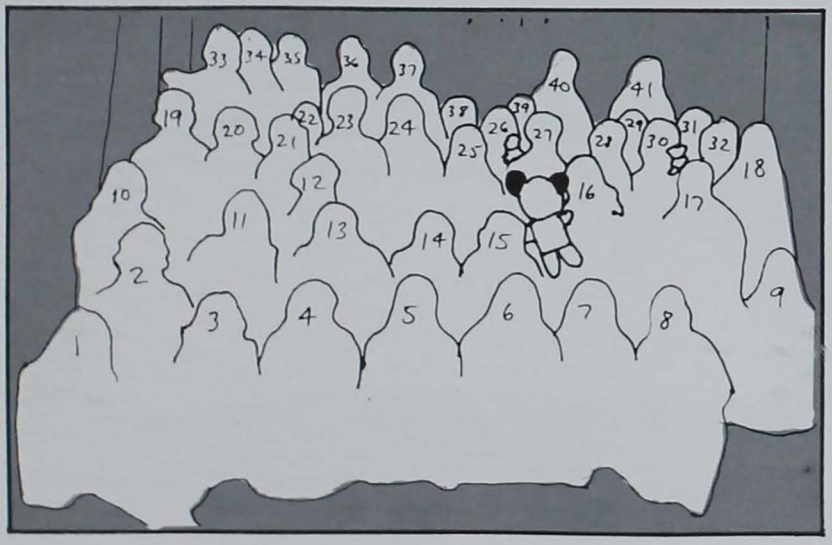


1 Steve Hackett, 2 Karen Bargman, 3 Jinx Abeyewardene, 4 Kathy Bowe, 5 Brad Golightly, 6 John Lorimor, 7 Alice Graeme, 8 unidentified, 9 Mary Caspers, 10 Joni Scholl, 11 Carol Vance, 12 Dina Petersen, 13 unidentified, 14 Jean Taylor, 15 Nancy Andersen, 16 Karol McCammon, 17 Erin Reilly, 18 Ed May, 19 Leonard Eckhoff, 20 Mark Yanike, 21 Marie Burger, 22 Julie Larson, 23 Kris Bunting, 24 Andrea Avazian, 25 Sandy Ford, 26 Dennis Wimmer, 27 Shelley Yates, 28 Connie Halsted, 29 Joe Witte, 30 Julia White, 31 Marlene Bain, 32 Bob Brcka, 33 Janet Olson, 34 Rene Sauser, 35 Deb Langfald, 36 Doug Foster, 37 Deb Arndt, 38 Randy Derr, 39 Mary Proffit, 40 Cindy Schooley, 41 Colleen Wise, 42 Janice Petersen, 43 Denise Cooper, 44 Don Vosberg, 45 Nancy Myers, 46 Julie Pack, 47 Janet Baumann, 48 Jack Stanley, 49 Alisa Sheffler, 50 Dave Hafferman, 51 Peggy Stanger, 52 Doug Spoerre, 53 Gary Holst, 54 Denise McCorkle, 55 Maury Reed, 56 Michelle Cooper, 57 Curt Luze, 58 Paul Adams, 59 Anne Bennett, 60 Dave Clausen, 61 Carol Tefft, 62 Bev Downey, 63 Lark Dearing, 64 Scot Pralle, 65 Judy Bliss, 66 Bruce Siefken, 67 Charlotte Page, 68 Paul Buhr, 69 Calvert Mitchell, 70 Kevin Williams, 71 Greg Howat, 72 Randy Millsap, 73 Dave Scott, 74 Kevin Albright, 75 Jeff Joslin, 76 Carl Anderson, 77 Richard Marshall, 78 Robert Rossman, 79 Mike Belknap, 80 Randy Walker, 81 Tim Reece, 82 Kim Pullen, 83 Lynn Schmidt, 84 John McClannahan, 85 Mike Gawley, 86 Tim Bender, 87 Ken Rust, 88 Mike McClannahan, 89 Kevin Tessmer, 90 Dan Rix, 91 Dean Heitkamp, 92 Terry Bench, 93 Jerry Sullivan, 94 Todd Propp, 95 Jeff Coder, 96 Ben Biller



Busse



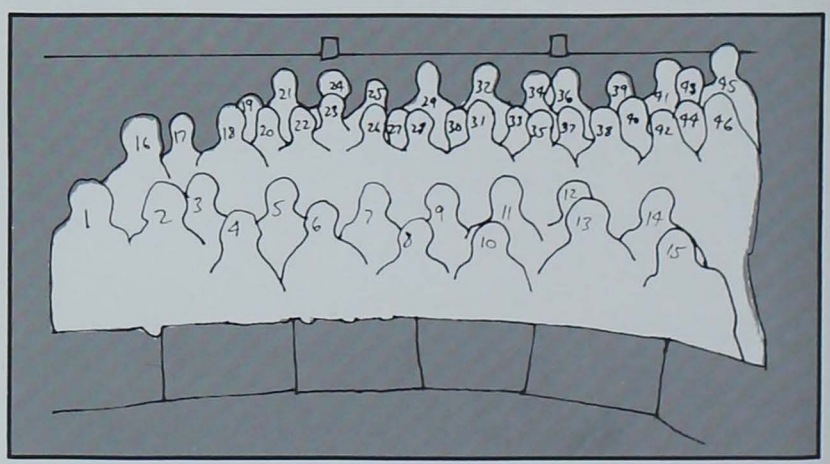


1 Heidi Lawver, 2 Dorene Carstens, 3 Missy Roser, 4 Donna Van Wyk, 5 Mary Burns, 6 Pam Bahr, 7 Marty Greer, 8 Greta Glab, 9 Anita Schmitt, 10 Anne Brunko, 11 Melodee Hume, 12 Lisa Stoffer, 13 Dixie Geiken, 14 Diane Boellstorff, 15 Sue Feth, 16 Tracy Steinauer, 17 Val Remington, 18 Jeanette Neitzel, 19 Lorene Johnson, 20 Kim Miller, 21 Lois Wilhelm, 22 Anita Stevens, 23 Laura Nielson, 24 Nancy Derga, 25 LuAnn Gowan, 26 Beth Schroeder, 27 Barb Fuglsang, 28 Sheryl Underwood, 29 Janice Keene, 30 Sherrie Curtis, 31 Melissa Crites, 32 Susan Kline, 33 Jeri Brekke, 34 Lynn Benkusky, 35 Liz Buck, 36 Donna Beane, 37 Julie Thompson, 38 Sandy Galaini, 39 Laurie Frey, 40 Vicki Shannon, 41 Lynne Noel.

Caine

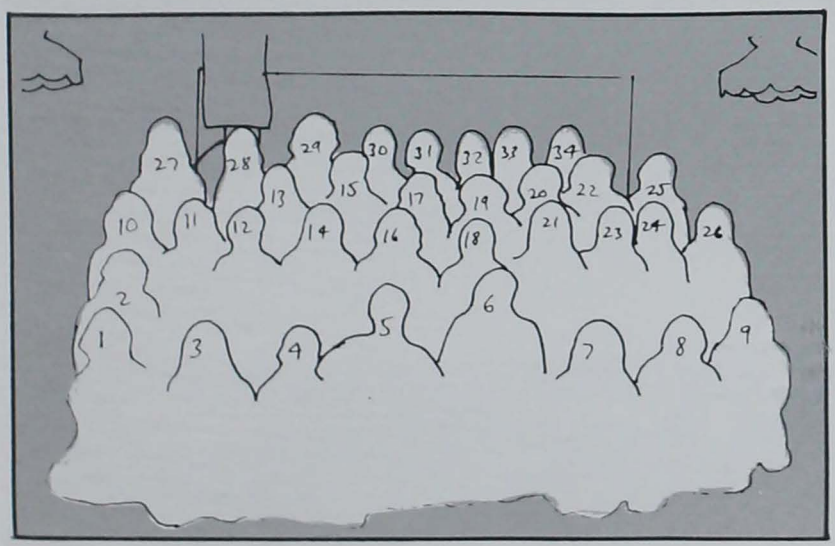


1 Ted Nam, 2 Dick Swain, 3 Dave Teno, 4 Dan Welter, 5 Tom Brumm, 6 Joe Otto, 7 Stan Henson, 8 Dennis Gregory, 9 Jon Lofquist, 10 Bill Jones, 11 Curt Robertson, 12 Rich Wheeldon, 13 Hamid Shirani, 14 Bob Benedict, 15 Wayne Rettig, 16 Farhad Gaheri, 17 Rick Rathe, 18 Jim Rasmussen, 19 Mark West, 20 Jeff Hreha, 21 Tom Zahner, 22 Randy Kotz, 23 Jeff Peters, 24 Steve Downing, 25 Steve Cloud, 26 Doug Newell, 27 Al Johnson, 28 Mark McLaughlin, 29 Dan Clement, 30 Mavin P. Smith, 31 Bill Burgeson, 32 Scott Mulder, 33 Mike Myer, 34 John Daly, 35 Bill Northey, 36 John King, 37 Tom Woody, 38 Mike Sullivan, 39 Bob Straw, 40 Tony Collins, 41 John Spohnheimer, 42 Loren Engel, 43 Bruce Jordan, 44 Dave Wrage, 45 Bob Gebhardt, 46 Keith Talbot



Campbell



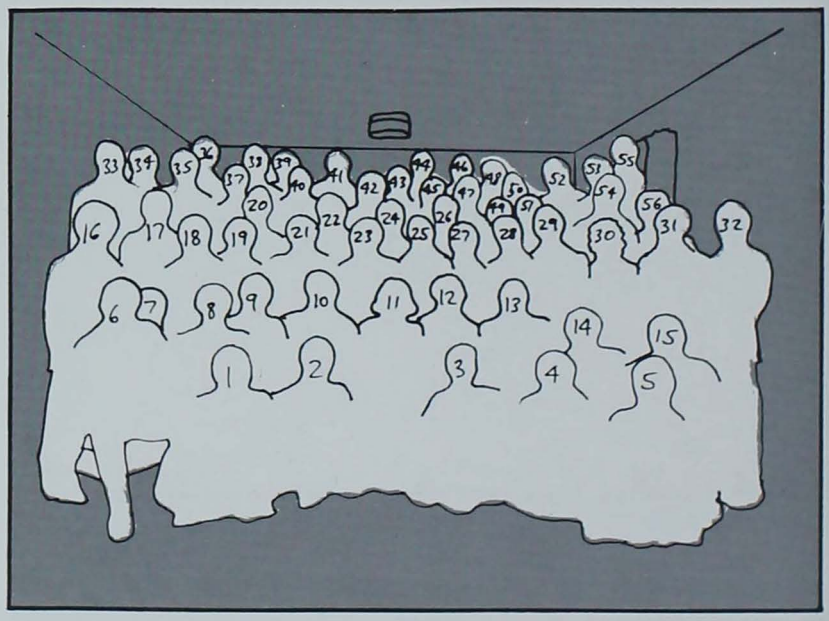


1 Laurie Leckband, 2 Donnalle Bell, 3 Darla Allen, 4 Mary Schmidt, 5 Karen Opila, 6 Holley Dockstader, 7 Gail Johnson, 8 Brenda Dedecker, 9 Dawn Bowman, 10 Cheryl Ryko, 11 Mariann Lawrence, 12 Sara Hewitt, 13 Dana Duesenberg, 14 Sarah Maurer, 15 Nikki Steiner, 16 Mary Dockstader, 17 Yvonne Munier, 18 Susan Stone, 19 Connie Babor, 20 Mary, 21 Jody Emrich, 22 Robin Robinson, 23 Andrea Cook, 24 Sandra Gerdes, 25 Kimberly Mix, 26 Debbie Klinzing, 27 Diane Skadburg, 28 Julie Bjurnsen, 29 Karen Croat, 30 Amy Witmer, 31 Alison Frank, 32 Stacey Martin, 33 Susan Nichting, 34 Martha Nesbitt

Cassell

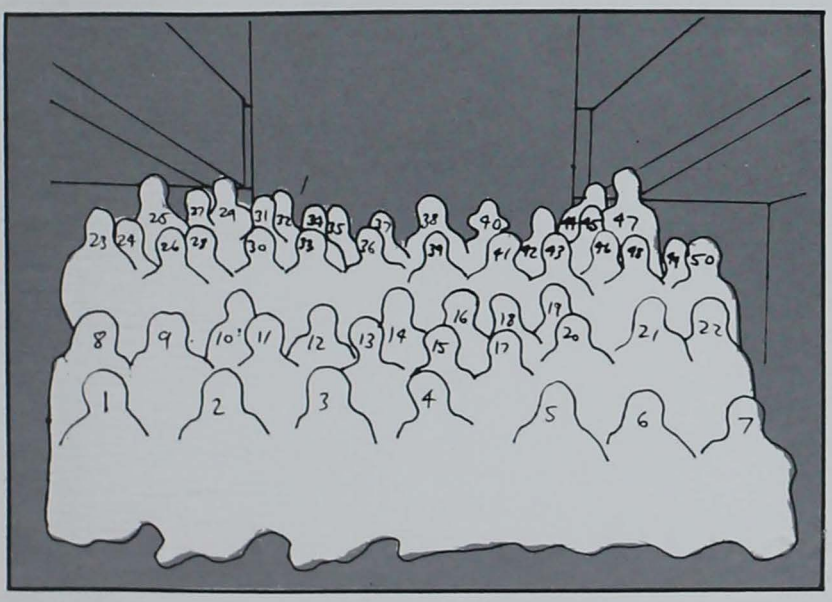


1 Jeff Brennan, 2 Scott Renze, 3 Ali Mohammadi-Jouzdani, 4 Dalen Jones, 5 Bryan Gilbert, 6 Scott Linn, 7 Mark Roeckmann, 8 Chuan Tay, 9 Tom Ducommun, 10 Del Lasswell, 11 Deb Olson, 12 Tom Stirinaman, 13 Burt Bottjen, 14 Greg Cooper, 15 Dan Mitas, 16 Nazeer Ansari, 17 Jeff Peterson, 18 Joel Blunt, 19 Ron DeVault, 20 Galen Herr, 21 Todd McDonough, 22 John Terpstra, 23 Terry Trussell, 24 David Bainbridge, 25 Steve Julius, 26 Greg Barmore, 27 Dave Wahl, 28 Doug Jackson, 29 Jeff Witt, 30 Cliff Fedler, 31 Roger Peterson, 32 Pete Brantner, 33 Dave Coziahr, 34 Doug Stockstad, 35 Jim Dietring, 36 Ron Jensen, 37 Dan Lathrup, 38 Craig Rasmussen, 39 Jeff Ashland, 40 Randy Benesh, 41 Randy Christhofferson, 42 Tom Mochal, 43 Rick Larmore, 44 Keith Less, 45 Eldon Naven, 46 James Barrett, 47 Mike Worden, 48 Phil McDonald, 49 Tom Dunham, 50 Mike Dielenberg, 51 Steve Deiter, 52 Rick Hingtgen, 53 Dave Horras, 54 Stan How, 55 Bob Ruehling, 56 Tom Messer



Cessna





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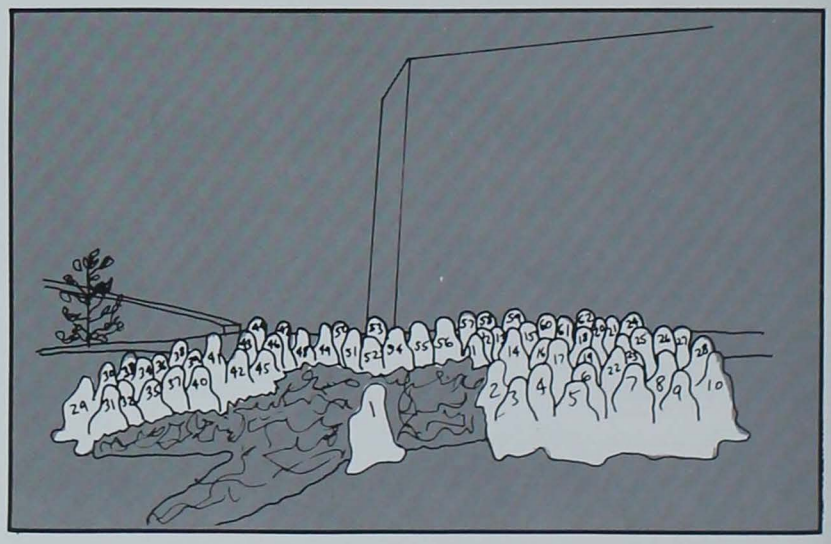
Cranor



1 Linda Dvorak, 2 Cynthia Nutt, 3 Sherry Nichols, 4 Jolene McGill, 5 Deborah Enzler, 6 Judy Gruckert, 7 Michelle Smedul, 8 Stephanie Mealiff, 9 Jill Bruner, 10 Elizabeth Green, 11 Kimberly Benton, 12 Terri Poppen, 13 Theresa McNaney, 14 Cynthia Charlier, 15 Kathy Dunlap, 16 Linda Doescher, 17 Pamela Winter, 18 Janet Rodgers, 19 Carol Wittstock, 20 Mary Walker, 21 Lyndall Burns, 22 Nancy Jansse, 23 Debra Schroeder, 24 Bessie Ting, 25 Brenda Begalske, 26 Nanci Jacobson, 27 Kathy Summers, 28 Susan Stahley, 29 Julie Calava, 30 Leann Bagenstos, 31 Kay Norman, 32 Sarah Smiley, 33 Kim Brolin, 34 Arliss Dekker, 35 Deb Lantz, 36 Carol Maulorico, 37 Mary Kay Vicarius, 38 Jutta Joseph, 39 Denise Neighbors, 40 Kerry Gleason, 41 Deb Sande, 42 Barb Benischek, 43 Dena Lee, 44 Rosemarie Burgus, 45 Julie Glotfelty, 46 Nancy Thompson, 47 Paulette Ziesman, 48 Lori Zarley, 49 Joan Knudson, 50 Timmy Tiger, 51 Mary Fischer, 52 Jane Dorland, 53 Lisa Soldat, 54 Debra Oline, 55 Lori Schreder, 56 Becky Freeman, 57 Teresa Tovrea, 58 Patricia Byrne, 59 Melody Knauer, 60 Julie Melville 61 Laura Harms, 62 Cindy Woolridge



Dana



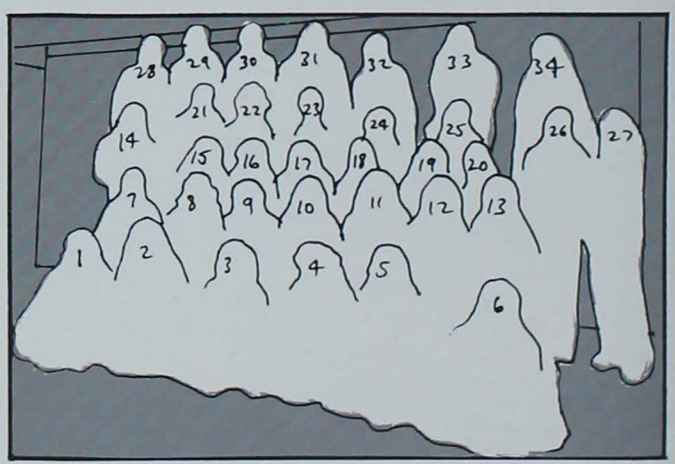


1 Tim Meyer, 2 Russ Capello, 3 Mark Grimson, 4 Russ Herrig, 5 Jeff Hermiston, 6 Mark Welch, 7 Randy Bredar, 8 Frank Urbain, 9 Craig Haussmann, 10 Jay Hebert, 11 Dave Landphair, 12 Lewis Schlib, 13 Jeff Gamm, 14 Bill Karges, 15 John Noel, 16 Greg Mahaffa, 17 Bill Angus, 18 Jim Rickert, 19 Craig Schroeder, 20 Bruce Hucker, 21 John Cook, 22 Aaron Salton, 23 Doug Olson, 24 Doug King, 25 Brian Peters, 26 John Den Hartog, 27 Pete Canning, 28 Bob McCulloch, 29 Chris Bertelson, 30 Randy Boyce, 31 Tom Kalkhoff

Devitt

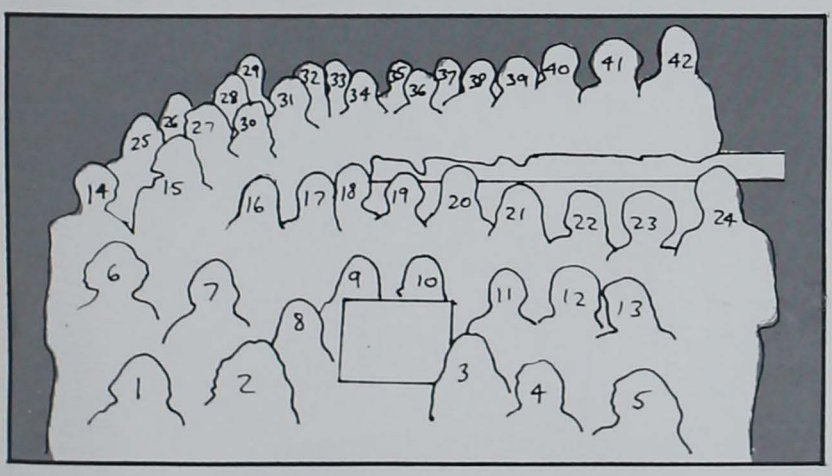


1 Jan Alderson, 2 Anne Self, 3 Lark Pettit, 4 Peg Rinehart, 5 Carolyn Shimazu, 6 Julie Dillon, 7 Pat Landholt, 8 Lydia Sloan, 9 Paula Rasmus, 10 Jan Willeke, 11 Sharon Webb, 12 Tracey Halvorsen, 13 Jean Seidel, 14 Laurie Elder, 15 Linda Markle, 16 Ann Nordland, 17 Sue Drahozal, 18 Denise Koss, 19 Barb Frazer, 20 Ellen Newton, 21 Joan Fox, 22 Gaye Wheeler, 23 Terri Deblauw, 24 Sarah Shafer, 25 Kim Webb, 26 Reinee Eshelman, 27 Ruth Bescher, 28 Almut Kunert, 29 Ann Moeller, 30 Carol Warman, 31 Linda Larson, 32 Gayle Goldsmith, 33 Sherry Newell, 34 Dee Chilcoat



Doolittle





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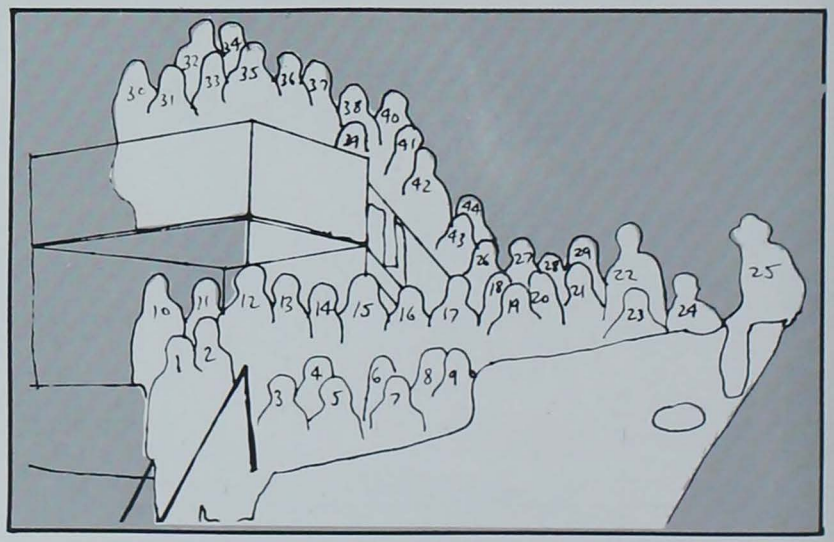
Durian

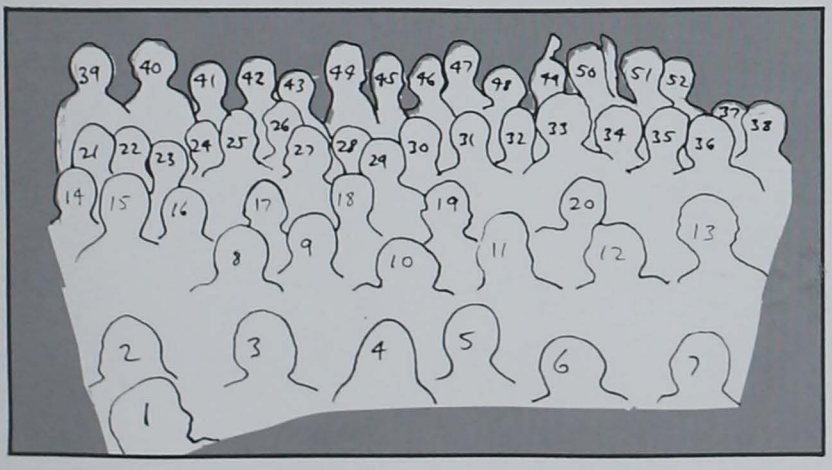


1 Mary Jane Grube, 2 Suzi Kimball, 3 Denise Thorne, 4 Sandy Hoffman, 5 Karen Allen, 6 Mary Beth Howe, 7 Ellen Trey, 8 Vicky Bunting, 9 Deb Curtis, 10 Georgia Johnson, 11 Meg Kallaus, 12 Kim Pudgil, 13 Sherry Long, 14 Jane Hensing, 15 Patty Tenley, 16 Lois Welter, 17 Chris Krusentjerna, 18 Priscilla Licht, 19 Tina Kadolph, 20 Lois Foster, 21 Fran Sugrue, 22 Kim Bailey, 23 Karen Benson, 24 Myrna Ramaekeers, 25 Maria Rotta, 26 Barb Smith, 27 Rose Ohlinger, 28 Julie Dodds, 29 Cheryl Hiner, 30 Sherry Landfair, 31 Geri Beeler, 32 Sue Peterson, 33 Cathy Martin, 34 Nan Burruss, 35 Diana Frick, 36 Carmela Beitz, 37 Kim Schilling, 38 Fran Bailey, 39 Sue Lerdal, 40 Sara Garner, 41 Delores Morse, 42 Deb Pool, 43 Beth Schermerhorn, 44 Sue Clark



Emerson





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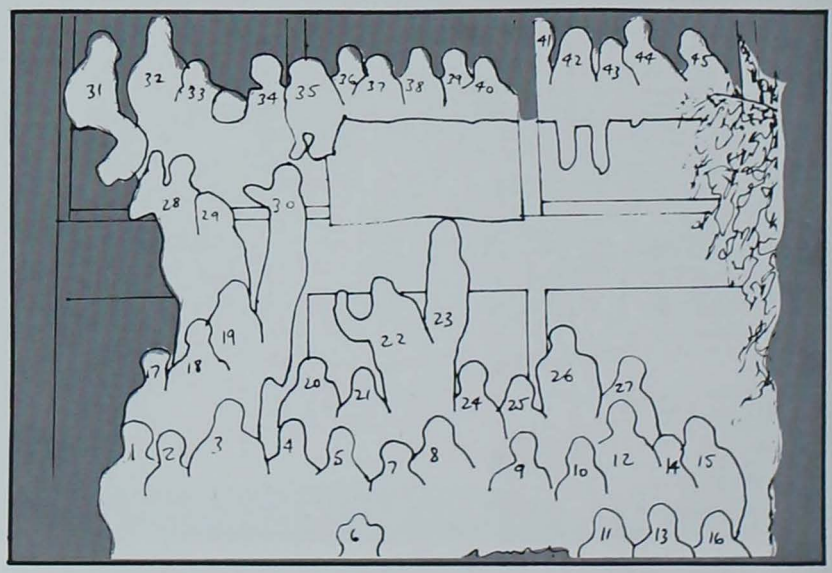
Fisher-Nickell

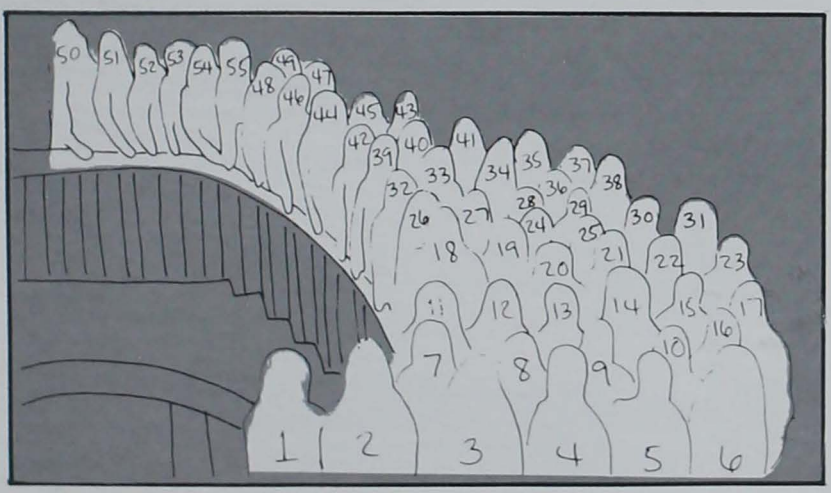


1 Stee Maxwell, 2 John Mattingly, 3 Craig Hovland, 4 James Wahl, 5 Robert Evelsizer, 6 Joanne McClure, 7 Julie Molitor, 8 Mary Lutz, 9 William Wilcke, 10 Janet Gale, 11 Vicki Locke, 12 Stephen Kavka, 13 Kenneth Pins, 14 LuAnn Koepke, 15 Dennis McGowan, 16 Kenneth Persons, 17 David Curtis, 18 Vance Ward, 19 Elizabeth McBroom, 20 Cynthia Andersen, 21 Kathryn Tanner, 22 Cheryl Hesse, 23 Douglas Morrison, 24 Cynthia Hager, 25 Sandra Williams, 26 James Cox, 27 Lorene Duin, 28 Paul Stumpf, 29 Rita Klocke, 30 Ermine Todd III, 31 Janelle Miller, 32 Stephen Amsberry, 33 Kristine Mather, 34 Paul Hollingsworth, 35 Barbara Hoelzer, 36 David Robson, 37 Larry Wiebel, 38 Eugene Rozenboom, 39 Michael Westfall, 40 Amy Noftsger, 41 Kent Zarley, 42 Dorothy Fullenkamp, 43 Laurel Fritz, 44 Gene Collison, 45 Cathleen Pinkerton



Fleming





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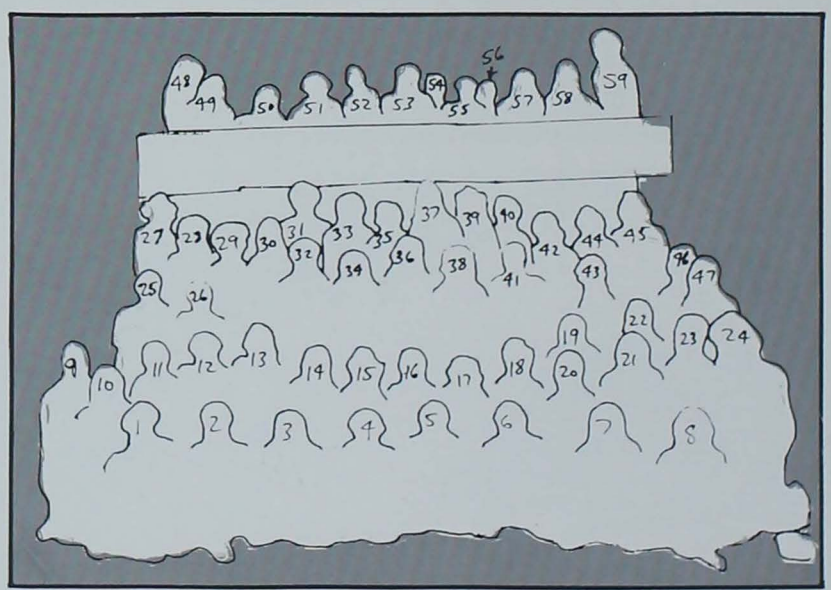
Forbes

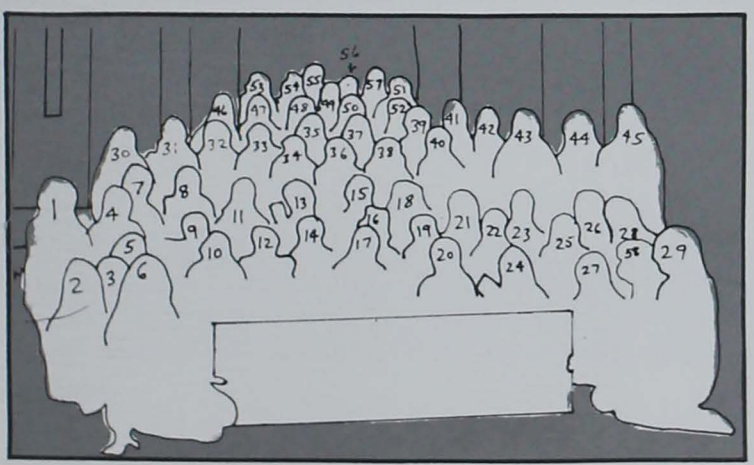


1 Kathy Dilts, 2 Donna Muhlenbruch, 3 Sheryl Johnson, 4 Karen Meinert, 5 Tweety Wolf, 6 Kim Thuente, 7 Karen Gebhardt, 8 Carrie Banks, 9 Jane Lohry, 10 Sue Easton, 11 Jan Bauer, 12 Deb Solberg, 13 Jil Clause, 14 Lory VanHemert, 15 Rena Anthony, 16 Terri Bales, 17 Ann Davidson, 18 Beth Gillespie, 19 Deb Allen, 20 Tami Galloway, 21 Pam White, 22 Julie Williams, 23 Sue Olson, 24 Georgette Goonan, 25 Martha Lougee, 26 Jan Hogle, 27 Louise Black, 28 LeAnn Roling, 29 Terri Johanson, 30 Nan Mason, 31 Becky Mallas, 32 Deb Koenigsberg, 33 Laurie Olk, 34 Janet Meier, 35 Pat Doeringsfeld, 36 Carol Bahls, 37 Carol Stauter, 38 Julie Fie, 39 Kim Simmons, 40 Sue Jones, 41 Laura Fencl, 42 Ann Kirchner, 43 Joan Fennessy, 44 Jean Haden, 45 Louann Dwinell, 46 Deb Peters, 47 Julie DeJoode, 48 Sue Allgood, 49 Susan Bower, 50 Vicki Klemp, 51 Leann Treloar, 52 Brenda Wohlford, 53 Tricia Bott, 54 Laurie Paschal, 55 Diane Scott, 56 Mary Beth Eganhouse, 57 Lynette Bailey, 58 Sandy Charlson, 59 Linda Glessner



Fosmark





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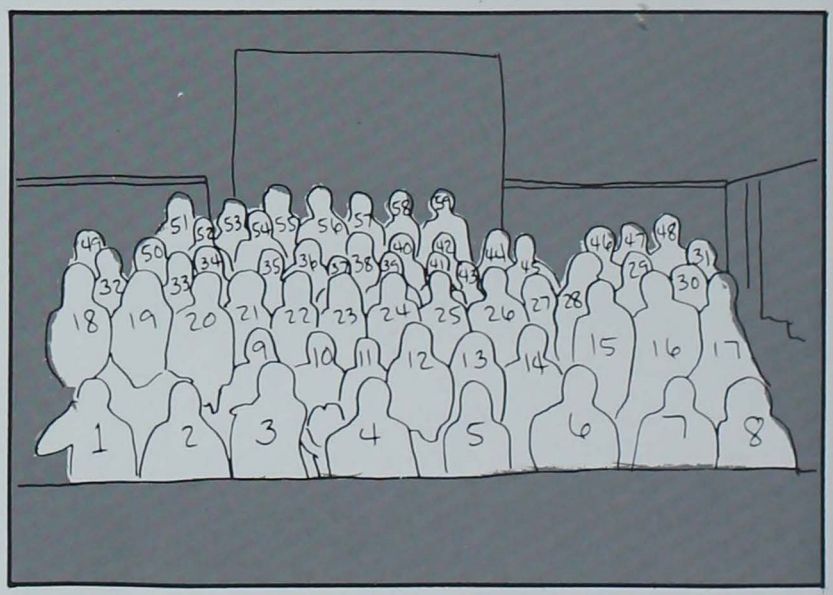
Friant

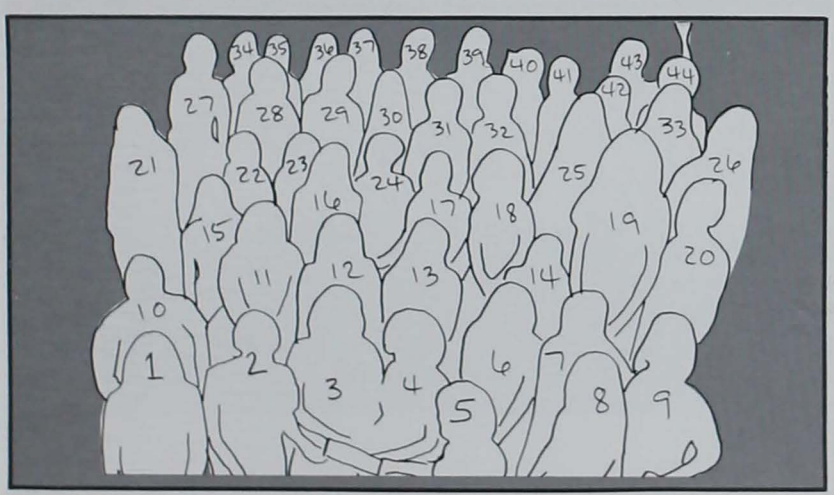


1 Deb Ferguson, 2 Wendy Huke, 3 Kim Anderson, 4 Kim Willet, 5 Linda Sloth, 6 Lori Adams 7 Mary Shacka, 8 Sue Thatcher, 9 Donna Kurt, 10 Krista Weih, 11 Sue Boettcher, 12 Deb Coulson, 13 Linda Cronkite, 14 Michelle Funaro, 15 Jane Fry, 16 Lisa Roter, 17 Linda Sladels, 18 Debbie Dunby, 19 Gayle Lucchesi, 20 Kim Cuvelier, 21 Colleen Frangenkurg, 22 Marcia Harding, 23 Kathy Doan, 24 Yuette Vandergaast, 25 Jackie Elrick, 26 Cathy Zern, 27 Sue Roach, 28 Deb Vedepo, 29 Erika O'Brien, 30 Donna McCoy, 31 Beth Sofranko, 32 Ann Greteman, 33 Renee Davis, 34 Lori Schmitt, 35 Colleen Armstrong, 36 Cindy Dass, 37 Paula Ament, 38 Barb Klocke, 39 Mary Beth Vittetoe, 40 Linda Harper, 41 Kathy Farrell, 42 Julie Kennedy, 43 Shelly Briggs, 44 Tami Droz, 45 Teri Fitzpatrick, 46 Penny Cahill, 47 Merrie Dirks, 48 Anne Scieszinsk, 49 Mary Beth Pratt, 50 Linda Prosche, 51 Jackie West, 52 Carol Abbey, 53 LuAnn Ray, 54 Carole Carmack, 55 Barb Wieber, 56 Wendi Olson, 57 Gayle McEouen, 58 Annette Stofer, 59 Deb Scheffing



Fuller





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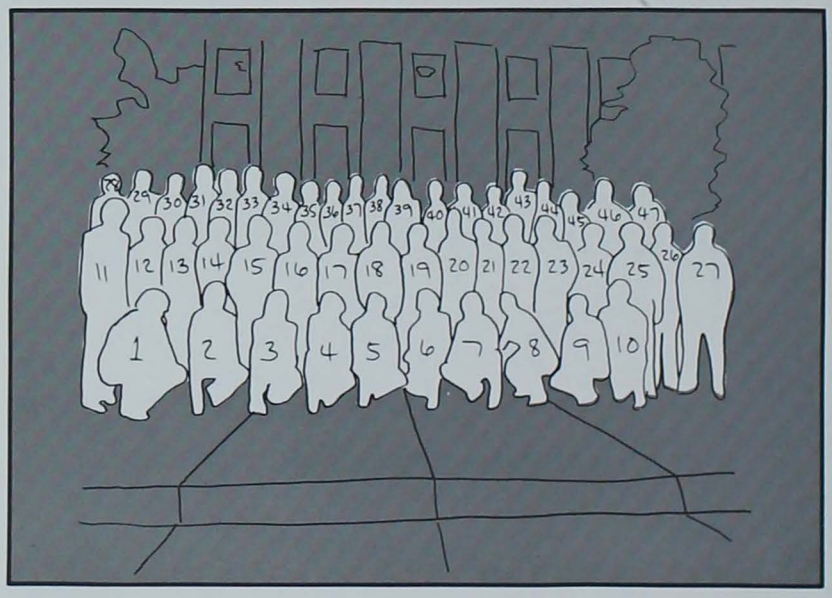
Fulmer



1 Doug Gibson, 2 Martin Mille, 3 Glen Koele, 4 Mark Nielsen, 5 Clay Davis, 6 David Radke, 7 Jack Repplinger, 8 Al Stumpf, 9 Steve Phelps, 10 George Reida, 11 Steve Ackerman, 12 Ron Holtan, 13 Ritche Miller, 14 Dennis Seevers, 15 Viggen Davidian, 16 Jeff Pullen, 17 Rick Rezrbek, 18 Randy Coatney, 19 Gary Bergquist, 20 Scott Tibben, 21 Dean Wiederin, 22 Kevin Hedge, 23 Dave Long, 24 Louis Vannatta, 25 Blakeley, 26 Dave Wittry, 27 Tim Habben, 28 Stan Gable, 29 Rick Zieser, 30 Scott Buzzard, 31 Jeff Haven, 32 Mike Welter, 33 Fred Nisula, 34 Eric Nielsen, 35 Al Voss, 36 Bruce Voss, 37 Kevin Walters, 38 Mark Morrissey, 39 Peggy Schelin, 40 Tom Davisson, 41 Sasan Elahian, 42 Duane Nieman, 43 John Bablin, 44 Joel Saee, 45 Steve Billups, 46 Jeff Goaley, 47 Brian Nass



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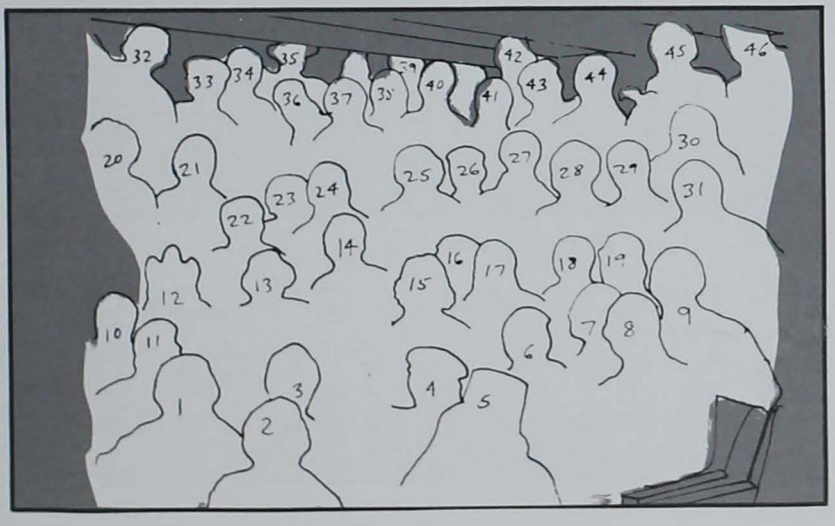

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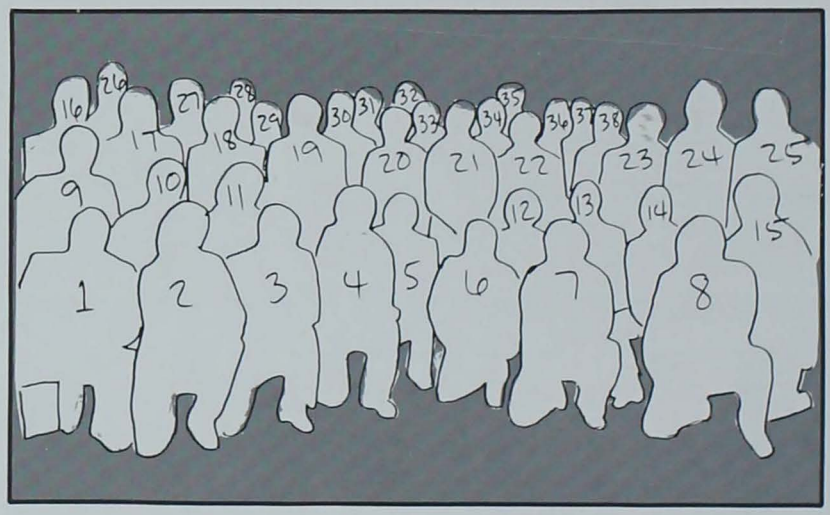
Godfrey



1 Les McClathchey, 2 Mark Romano, 3 Roger Caudron, 4 Ken Cumpston, 5 Craig Matzke, 6 Mark Stilley, 7 Tetsuro Motoyama, 8 Dennis Churchill, 9 John Crow, 10 Mike Weese, 11 Steve Zaruba, 12 Jon Luttenegger, 13 Greg Kading, 14 Dave Kroll, 15 Jeff Moser, 16 Mark Lattner, 17 Leden Pingel, 18 Mike Purvis, 19 Terry Huisman, 20 Paul Tong, 21 Tom Donohue, 22 Dan Churchill, 23 Tim Smith, 24 Scott Salom, 25 Ken Lunsford, 26 Bryan Zarn, 27 Brian Mestbergen, 28 Marty Johnson, 29 Randy Olive, 30 Edward Blazer, 31 Gary Bruxvoort, 32 Sherman Hines, 33 Dave Rodas, 34 Larry Arentson, 35 Doug Jacobson, 36 Bruce Young, 37 Glen Meints, 38 Dave Malmquist



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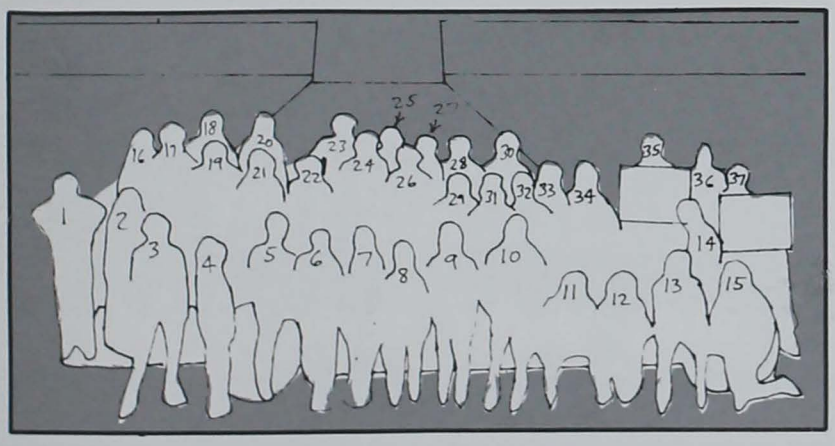

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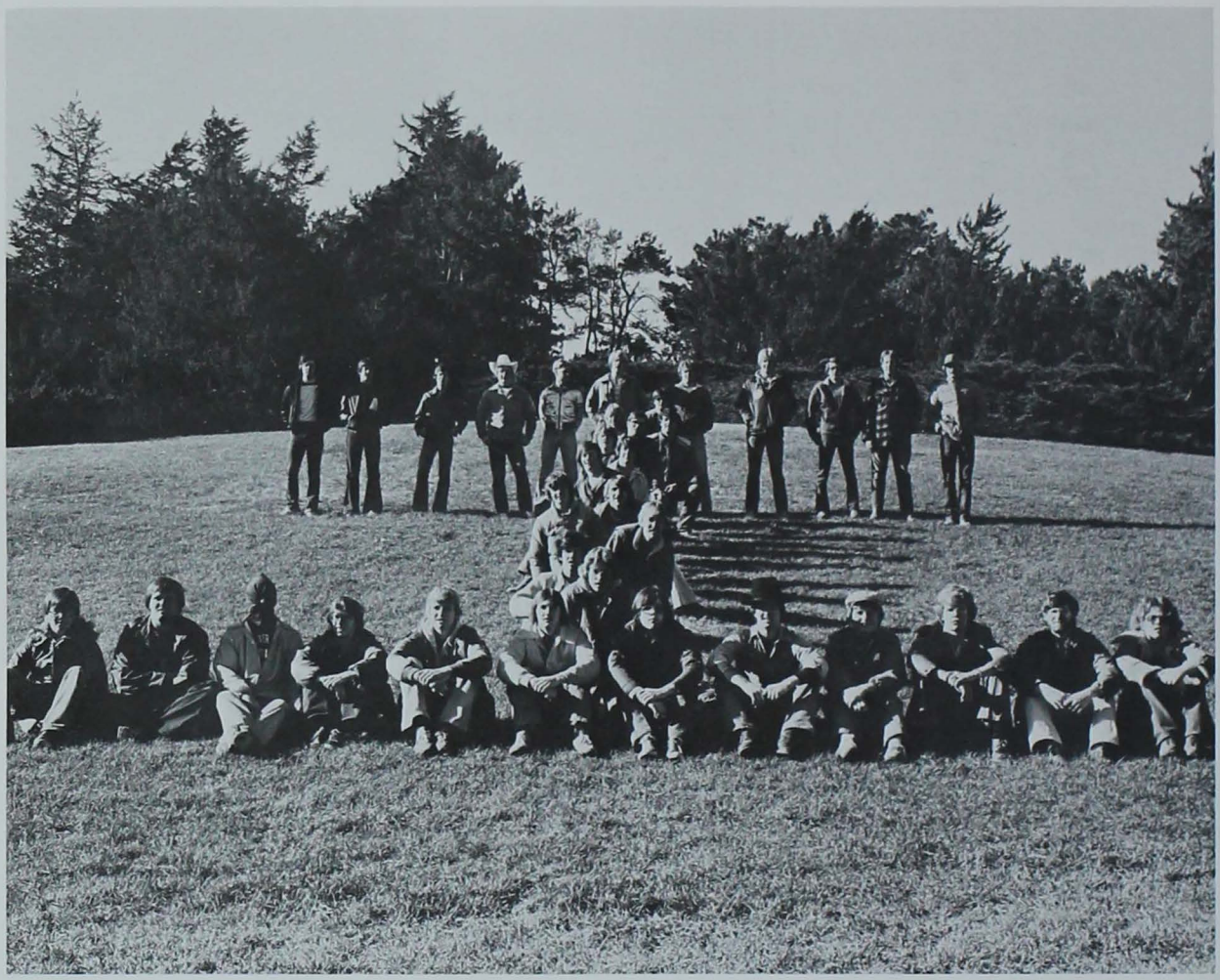
Griffith



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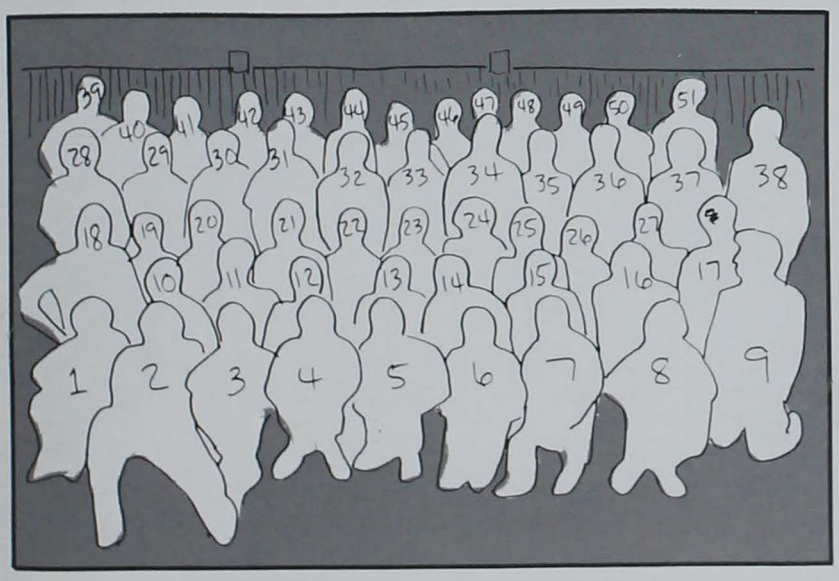
Hanson



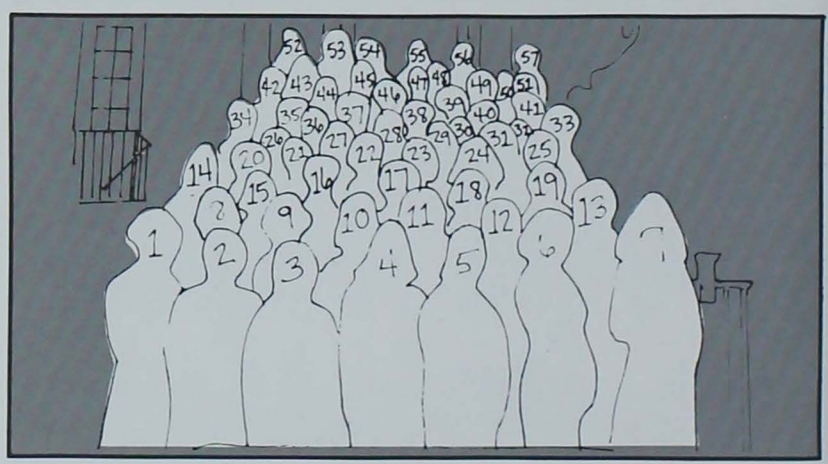


1 David Gardner, 2 Mark Rolfs, 3 Timothy Hogan, 4 David Rodgers, 5 Dan Smith, 6 Dean Mallie, 7 James Hruskoci, 8 Gregg Hutchins, 9 Christopher Lybbert, 10 William Vann Milheim, 11 Marc Johnson, 12 Bruce Strawn, 13 Bryan Cranston, 14 Anthony Lea, 15 Brian Veach, 16 Daniel Hummel, 17 Steven Petersen, 18 John Culliton, 19 Andrew Barnett, 20 Carl Stuekerjuergen, 21 Mark Blaskovich, 22 Charles Jones, 23 Richard Smith, 24 James Jantzen, 25 Wong Yau Fook, 26 Rodney Streck, 27 Merle Hoefing, 28 Eduardo Sardi, 29 Noel Erickson, 30 Mark Murphy, 31 Joel Bleeker, 32 Donald Stark, 33 Mark Neustrom, 34 Byron Rippke, 35 William Slaikeu, 36 Gary Keller, 37 Robert Cooper, 38 Steve Kratchmer, 39 David Everson, 40 Daniel Maas, 41 Daniel Sterk, 42 Curt Rogers, 43 Kim Kreig, 44 Norman Buck, 45 Steven Amos, 46 Kirk Kirkegaard, 47 Joel Pfantz, 48 Scott Raub, 49 David Fisher, 50 Larry Marlette, 51 Peter Notis

Harwood



1 Deb Black, 2 Gail Edington, 3 Paula Pease, 4 LuAnn Jacobs, 5 Glenda Peterson, 6 Anne Kent, 7 Lyn Yoder, 8 Liz Wright, 9 Mary McCreedy, 10 Helen Dane, 11 Cathy Adamec, 12 JoAnn Kacmarynski, 13 Carmen Carter, 14 Susan Krall, 15 Dawn Sly, 16 Leslie Weber, 17 Barb Brimeyer, 18 Jean Williams, 19 Gayla Hadley, 20 Arla Klimesh, 21 Nancy Hoffman, 22 Pam Lietz, 3 Kim Warner, 24 Sharon Goodman, 24 Marilyn Sullivan, 26 Judy Benson, 27 Cathy Jensen, 28 Nancy Barickmen, 29 Jill Quirin, 30 Terry Johnson, 31 Judy Thoensen, 32 Cindy Lou Orr, 33 Patricia Feisel, 34 Becky Potter, 35 Becky Marlf, 36 Connie Bailey, 37 Melanie Hadley, 38 Alanna Kellogg, 39 Toni Falk, 40 Ann Hart, 41 Cathy Branigan, 42 Kristin M. Turner, 43 Vicki Young, 44 Jill Thompson, 45 Melanie Miksh, 46 Betsy Anderson, 47 London Reile, 48 Sue Jonson, 49 Lyn Rechkemner, 50 Carolyn Snook, 51 Mary Donovan, 52 Anne Sywassink, 53 Sherry Geissert, 54 Karen Kriegler, 55 Cathy Dietz, 56 Gabie Grammer, 57 Kris Reis



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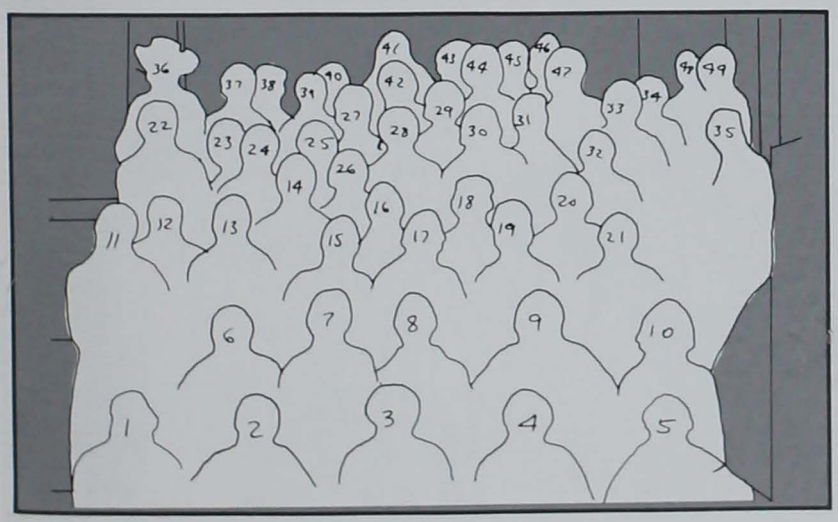

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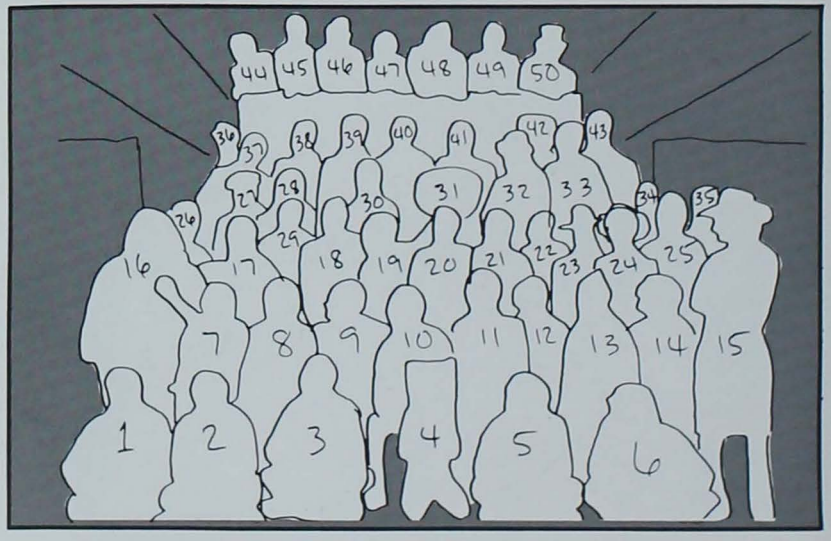
Kehlenbeck

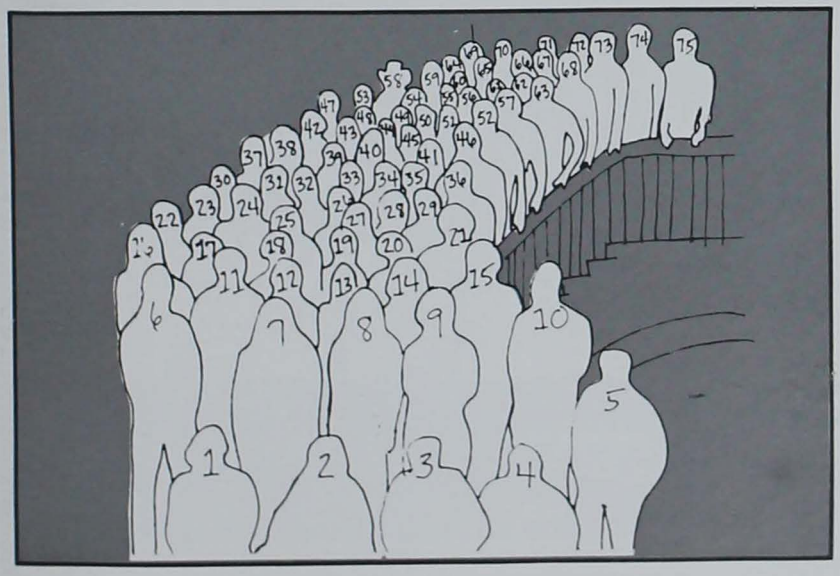


1 Neal Clement, 2 Craig Hill, 3 Brent Young, 4 Mark Wolken, 5 Battman Shirazi, 6 John Beckwith, 7 Dave Stivers, 8 Dave Hullinger, 9 John Madsen, 10 Rick Kemmerer, 11 Brad Harman, 12 Terry Haindfield, 13 Jim Pettit, 14 Bob Willett, 15 Roger Pfeifer, 16 Marty Bunge, 17 Delly Croft, 18 Steve Ridge, 19 Dan Drayer, 20 Devin Bornholtz, 21 Terry Paleler, 22 John Keller, 23 Larry Opfer, 24 Bill McCullough, 25 Doug Button, 26 Jerry Schaack, 27 Grant Goodenow, 28 Craig Rosenow, 29 Bruce McMurray, 30 Clair Moeller, 31 Dave Wilkinson, 32 Terry Jorgenson, 33 Curt Pohl, 34 Kent Larson, 35 Mark Bradbury, 36 Craig Champion, 37 Gregg Clubb, 38 Dennis Westergard, 39 Tom Shrader, 40 Jack Allen, 41 Doug Ashbaugh, 42 Dave Sunderman, 43 Mike Miller, 44 Pongsak Dej-udom, 45 Brent Wells, Todd McNall, 47 Matt Thevenot, 48 Jim Murphy, 49 Loren Rossiter, 50 Steve Twottig



Kimball/Tilden





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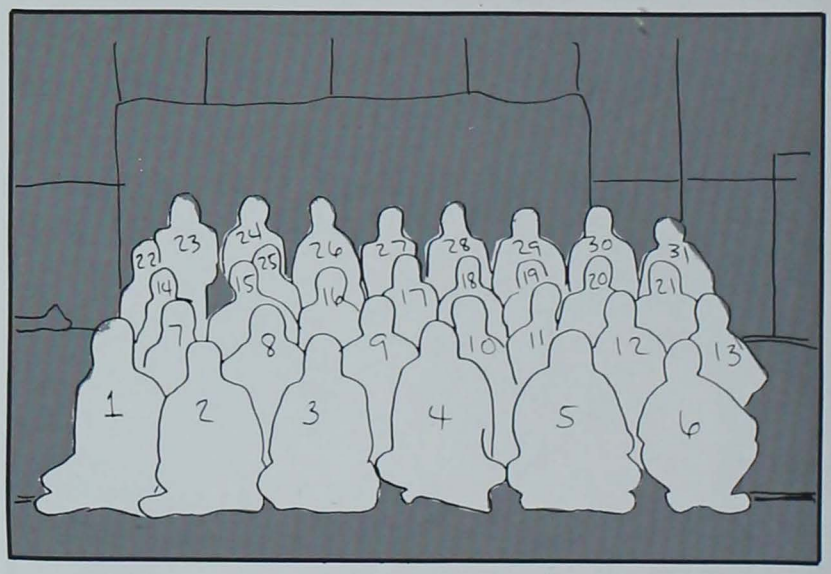
Knapp

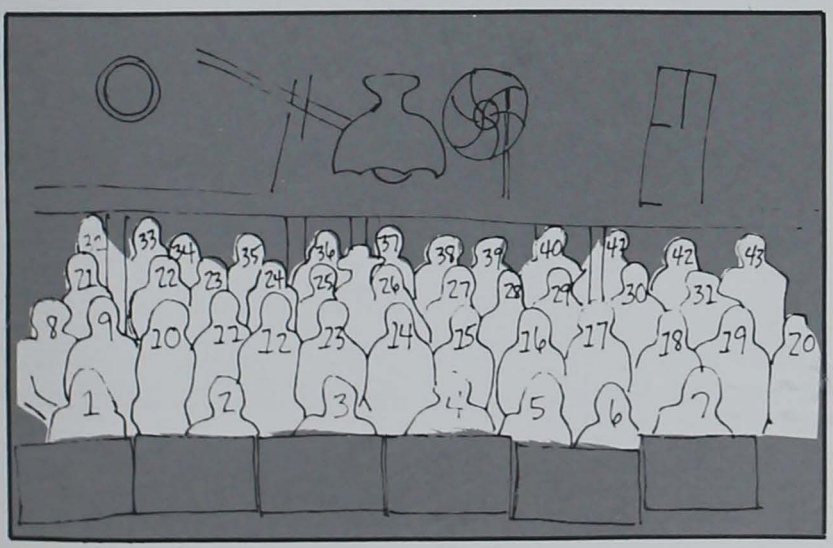


1 Paul 2 Kirk Castell, 3 Eric Smith, 4 Kevin Doherty, 5 Jeff Covell, 6 Paul Sandell, 7 Mark Hall, 8 Tom Furne, 9 Jeff Adkisson, 10 Duane Penner, 11 Jeff Strickler, 12 John Hartmann, 13 Dave McCarthy, 14 Mike Blanco, 15 Jack Barnes, 16 Jack Finley, 17 John Wright, 18 Todd Farley, 19 Dale Wood, 20 Ron Tapper, 21 John Nish, 22 Norm Cotta, 23 Todd Nygaard, 24 Kevin Jacobsen, 25 Wayne Bruns, 26 Craig Madsen, 27 Mike McInerney, 28 Mark Eller, 29 Jack Gilmere, 29 Jim Lee, 30 John Peterson



Knowles





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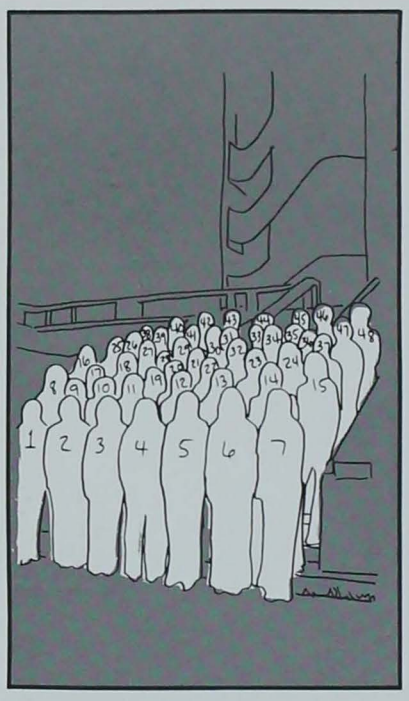
Lancaster



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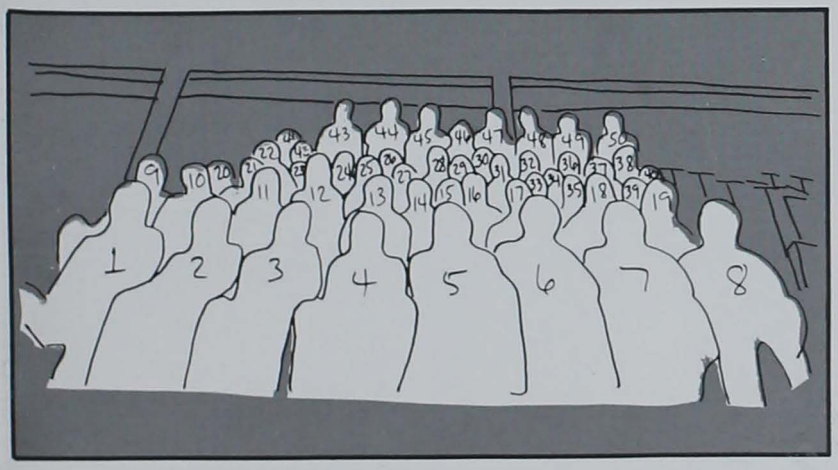
Livingston



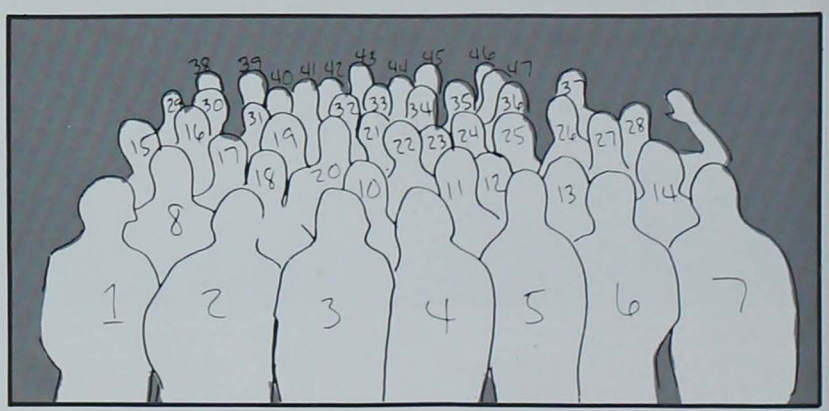


1 Jeff Schnur, 2 Jim Moore, 3 Gary Williams, 4 Vince Gitch, 5 Dennis Bauer, 6 Greg Fries, 7 Mike Lilly, 8 Bill Sipfle, 9 Jeff Okones, 10 Larry Lewis, 11 Dirk Hansen, 12 Jay Anderson, 13 Dave Wing, 14 Gerald Bonnstetter, 15 Mike Nunley, 16 Ken Niemann, 17 Mike Bierma, 18 Larry Snell, 19 Robert Kleen, 20 Gary Leapley, 21 Rob Sterner, 22 Gregg Obren, 23 Mike Hammill, 24 Dan Teig, 25 Mike Selle, 26 Brian Owens, 27 Dave Lilja, 28 Bruce Vanberkum, 29 Mike Allyn, 30 Mark Dougherty, 31 Ron Meyer, 32 George Krug, 33 Brad Rosel, 34 Dennis Long, 35 Dennis Hansen, 36 Lou Albertrani, 37 Ahmed Sasso, 38 Mike Kretzinger, 39 Randy Kesterson, 40 Lyn Flenker, 41 Steve Rollman, 42 Jeff Hansen, 43 Brian Olund, 44 John Kottmann, 45 Marty Jones, 46 Brian Ralston, 47 Terry Flattery, 48 Jim Magdefrau, 49 Dean Ross, 50 Dave Freeman

Louden



1 Greg Martin, 2 Kelvin Sohl, 3 Mark Hunziker, 4 Donald Goetzman, 5 Robert Buxton, 6 Gary Walters, 7 Brian Dennis, 8 Robin Bruegmann, 10 Charles Mitchell, 11 Wendell Hunt, 12 Charles Johnson, 13 Michael Shultz, 14 Dean Moyer, 15 Mike Godder, 16 Tony Janssen, 17 Raymond Ringgenberg, 18 Bryce Dreezen, 19 Kevin Curoe, 20 Curl Miller, 21 Robert Cook, 22 Neil Maternack, 23 John Moser, 24 Ralph Craft, 25 Greg Shroeder, 26 Michael Sherman, 27 David Wulf, 28 Christopher Behrens, 29 Tony Gust, 30 Greg Kammarmeyer, 31 Randy Van Artsen, 32 Jay Mattison, 33 Brian Freed, 34 Jim Rebhuhn, 35 Dave Walsh, 36 Paul Wilkens, 37 Scott Jones, 38 Douglas Blanchard, 39 Frank Adams, 40 Harry Wong, 41 David Jaegey, 42 Jeff Beranck, 43 Paul Pelperding, 44 Galen Anderson, 45 Kirby VanNote, 46 unidentified, 47 unidentified



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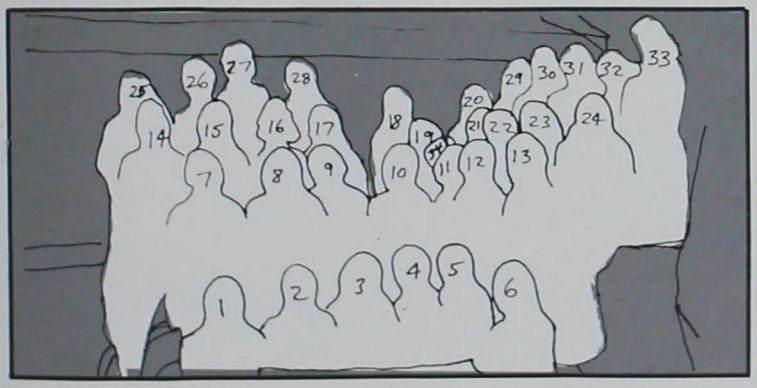
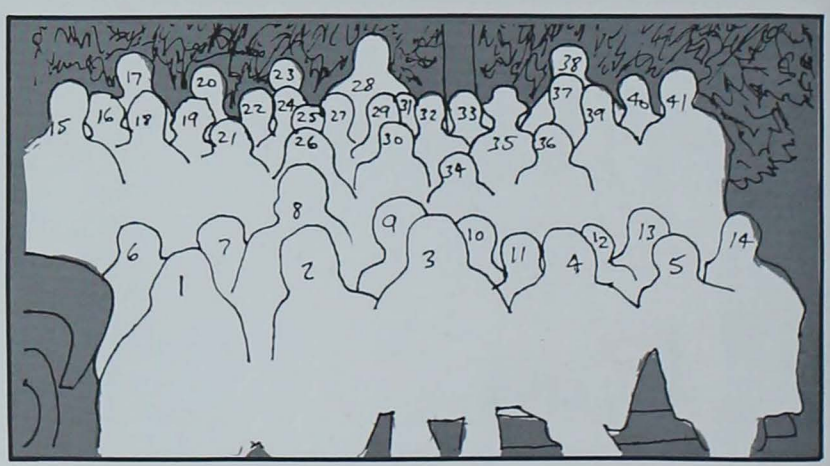


1 Lois Christensen, 2 Elisa Nelson, 3 Vicki McCunn, 4 Carol Todd, 5 Jenny Houseal, 6 Maureen Gannon, 7 Cindy Taylor, 8 Cheryl Smith, 9 Cathy Seehafer, 10 Mary Sherzer, 11 Marcy Fahrenkrog, 12 Kim Bless, 13 Patty Ashenbrenner, 14 Jeanne Rueb, 15 Cindy Downard, 16 Cindy Carlson, 17 Becky Hutton, 18 Brenda Eernisse, 19 Lisa Hansetter, 20 Sue Parish, 21 Kathy Donadio, 22 Stephanie Duver, 23 Brenda Smeby, 24 Sue Schmitt, 25 Melody Bensinger, 26 Sherri Edelman, 27 Teresa Knickrehm, 28 Mary Sutton, 29 Lori Southard, 30 Becky Behn, 31 Janet Wilson, 32 Cindy Trombino, 33 Peg McCunn, 34 Maryellen Burns

MacDonald



1 Robert Walsh, 2 Cyrus Rondari, 3 Timothy Duncan, 4 Bruce Vanderbeek, 5 Mark Turczynski, 6 David Vales, 7 Scott Martin, 8 Jafari-Azizollah N., 9 Mir-Mohammad-Sadeghi, 10 Gary Bass, 11 Douglas Steffen, 12 Robert Simon, 13 Todd Hughes, 14 Patrick Richter, 15 Tohmas Lunberg, 16 Gary Allen, 17 Randy Tigges, 18 Gary Luxen, 19 Mark Luensmann, 20 Kenton Zelle, 21 Randy Mack, 22 Mark Hoyer, 23 Roy Crouse, 24 Paul Wendt, 25 James Carey, 26 Brien Patterson, 27 Richard Peterson, 28 Ron Stodola, 29 Kirk Zeller, 30 Malekpour Jafar Koupaie, 31 John Steven Swanson, 32 Robert Petrzelka, 33 Gary Stenstrom, 34 Carl Gutzman, 35 Bruce Hawks, 36 John Carlson, 37 Dana Wilmot, 38 John Henkels, 39 Alfred Chak-Yan Poon, 40 Eric Lewis, 41 Daryl Olson



MacRae



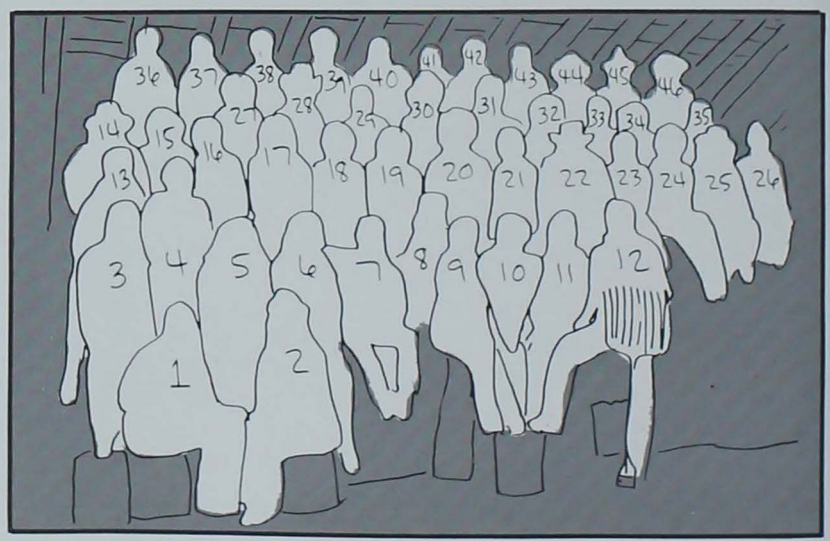


1 Greg Glowaki, 2 Richard Basilone, 3 Randy Lidtka, 4 Timothy Nichols, 5 Gregory Travlos, 6 Michael Striegel, 7 Todd Oppenheimer, 8 Jim Bass, 9 Randy Sacco, 10 James Caufield, 11 Henry Stuchel, 12 Michael Olsen, 13 Richard Fisher, 14 Robert VanWyk, 15 Kirk Struble, 16 James Klein, 17 David O'Brecht, 18 Ronald Peterson, 19 Charles Carlson, 20 Christopher Celania, 21 Dary Stewart, 22 James Domgard, 23 James McNutt, 24 Kirk Albright, 25 Marvin Morgart, 26 John Abel, 27 Paul Abens, 28 Paul Glesman, 29 Ronald Engelbeck, 30 Patrick Hunter, 31 Michael Linnenbrink, 32 Scott Janvrin, 33 Joseph Haas, 34 Mark Heimbuck, 35 Tom Pierce, 36 Todd Schwartz, 37 Raymond Verdon, 38 Mark Borchers, 39 Brian Farley, 40 Robert Michelson, 41 Mark Fiscus, 42 Bruce Haylock

McGlade

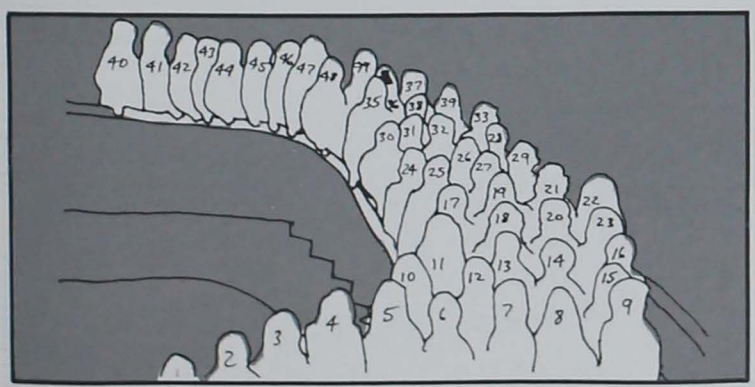


1 Joyce Peterson, 2 Linda Hiatt, 3 Diane Rickels, 4 Ruth Reinhardt, 5 Carol Moore, 6 Tammy Paeth, 7 Becky Carlson, 8 Cherry Kinsinger, 9 Lou Freeman, 10 Jill Vorba, 11 Carol DeGeeter, 12 Jeanie Breuer, 13 Margaret Burns, 14 Becky Peterson, 15 Cherlyn Holt, 16 Pam Nieman, 17 Mary Rix, 18 Deb Wetzel, 19 Janice Creswell, 20 Julie Renken, 21 Judy Creswell, 22 D.D. Peters, 23 Holly Vogt, 24 Lori Grisham, 25 Holly Lund, 26 Linda Armbruster, 27 Vicki Forbes, 28 Dee Lillie, 29 Karen Carlson, 30 Marcie Allen, 31 Elaine Hasenclever, 32 Pam McMann, 33 Robin Rekett, 34 Mary Welter, 35 Liza Abian, 36 Mary Rowland, 37 Julie Gaffney, 38 Candy Burger, 39 Nancy Willis, 40 Diane Stanton, 41 Ann Earley, 42 Jackie Fudge, 43 Kathy Zielezinski, 44 Dawn Stangl, 45 Jayne Kluever, 46 Janet Thompson



Merchant





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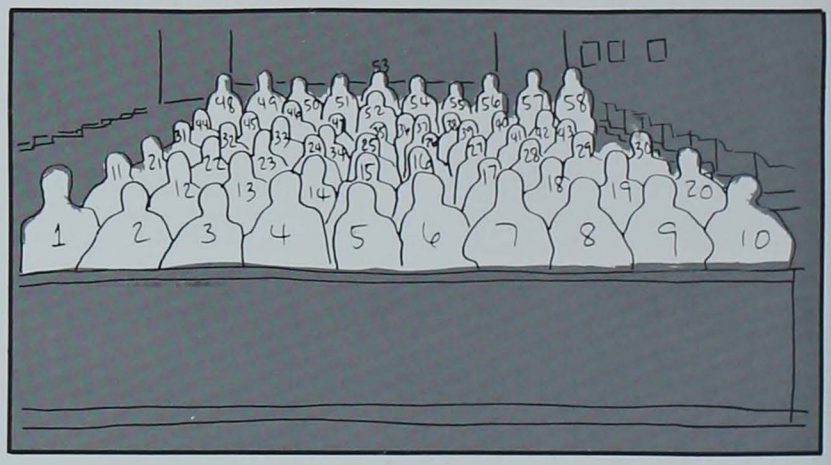
Merrill

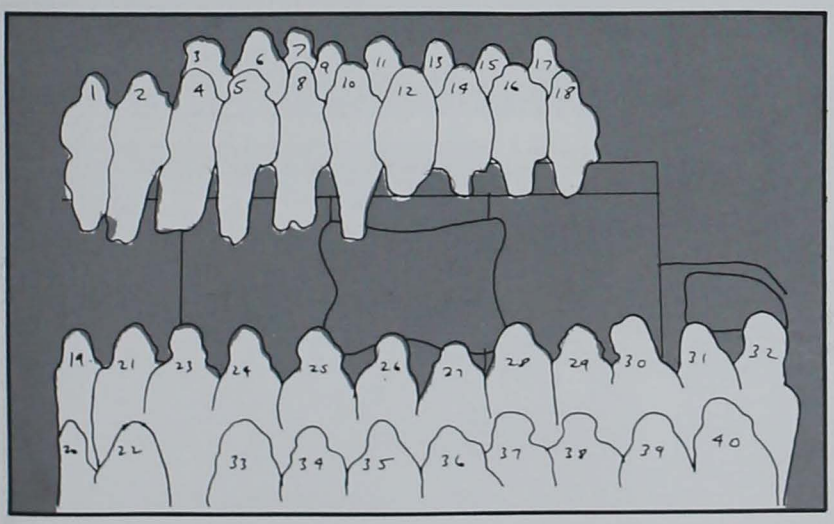


1 Bruce Carrothers, 2 Mike Kutsch, 3 David Hayes, 4 Don Thomassen, 5 Kelvin Schoon, 6 Tim Tjarks, 7 Dave Conlon, 8 Greg Paulson, 9 Larry Manley, 10 David Fastenau, 11 Mark Henthorn, 12 Larry Stetzel, 13 Jeff Truninger, 14 Carlo Zenti, 15 Don Steffen, 16 Jeff Ehm, 17 Tim Peterson, 18 Paul Micka, 19 Ron Walkup, 20 Jeff Elliott, 21 Greg Luzum, 22 Kelley Hart, 23 Eldon Eversull, 24 John Holmes, 25 Russ Stammer, 26 Ken Graham, 27 Rick Mabary, 28 Will Frazee, 29 Wade Williams, 30 Bill Stark, 31 Brent Rippentrop, 32 Kent Habeger, 33 John Tenold, 34 Tony Marlow, 35 Ed Miller, 36 Thane Davis, 37 Dan Wagner, 38 Tim Trettin, 39 John Adam, 40 Jeff Tellen, 41 Bill Noonan, 42 Pete Temple, 43 Dean Mueller, 44 Dale Polson, 45 Lynn Gard, 46 Pete Pauly, 47 Kendall Jacobsen, 48 Bob Owen, 49 Paul Petersen, 50 Rod Stuck, 51 Ted Robison, 52 Greg Brookhausen, 53 Dick Kutcher, 54 Kirk Schroeder, 55 Dave Delsantro, 56 Bruce Frederick, 57 Jan Horsfall, 58 Dave Borkowski



Miller



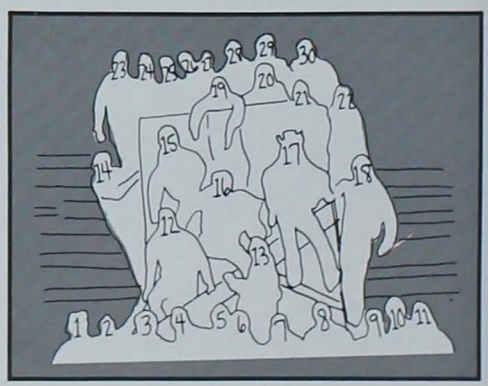


1 Julie Johnson, 2 Chris Groff, 3 Sara Flanagan, 4 Lauren Schwartz, 5 Kim Siebrecht, 6 Katrin Kolder, 7 Deb Smith, 8 Linda Bilstad, 9 Celeste Randall, 10 Lori Youngren, 11 Laurie Larson, 12 Barb Howard, 13 Kathy Torno, 14 Deb Hopwood, 15 Diane Jorgensen, 16 Nancy Gosch, 17 Kathy Auen, 18 Deb Force, 19 Dianne Lake, 20 Gayle Ducommun, 21 Kathy Johnson, 22 Sue Graffunder, 23 Kim Contag, 24 Kirsten Held, 25 Joann Fischer, 26 Melanie Thornton, 27 Cindy Konicek, 28 Lynn Swift, 29 Diane Mostrom, 30 Cathy Clayberg, 31 Melanie Bender, 32 Lois Ziesman, 33 Kathy Odland, 34 Nancy Lehmann, 35 Janela Becker, 36 Jean Hase, 37 Annette Varnum, 38 Joni Woodbridge, 39 Jane Zajec, 40 Lori Drevs

Mortensen

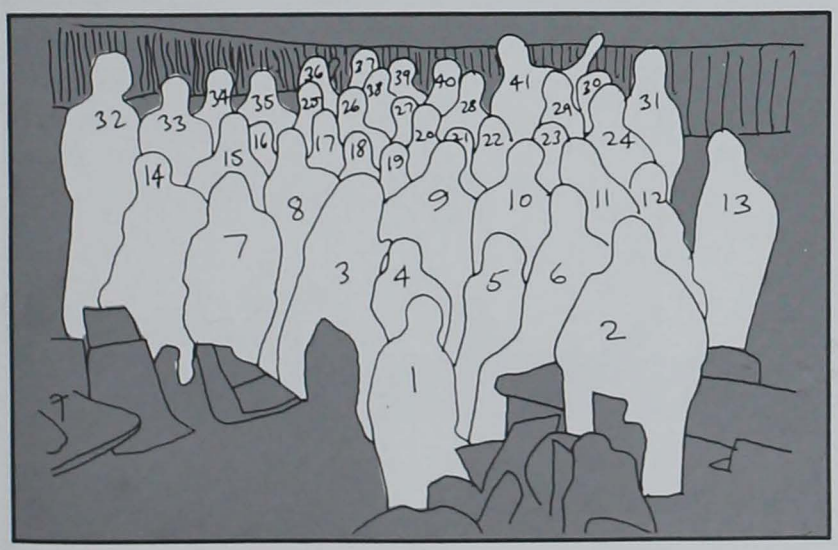


1 George Wienert, 2 Scott Hurd, 3 Randy Boedeker, 4 Ron Pisarik, 5 Brian Schumacher, 6 Surapon Bunjapamai, 7 Alan Walker, 8 Bill Plains, 9 Larry Berns, 10 Kent Reiff, 11 Somsak Srisontisuk, 12 Steve Hershner, 13 Mitch Hoyer, 14 Van Brownlee, 15 Kevin Holcomb, 16 Kent Hartung, 17 Bernie Borlong, 18 Pete Klavins, 19 Mark Hartong, 20 Duane Mol, 21 Lee Simpson, 22 Tim Beebout, 23 Eric Bluth, 24 Bruce Allen, 25 Walt Bender, 26 Jim Schlichmann, 27 Vic Randolph, 28 Marty Leming, 29 Claire Rojohn, 30 Jim Ham



Murray



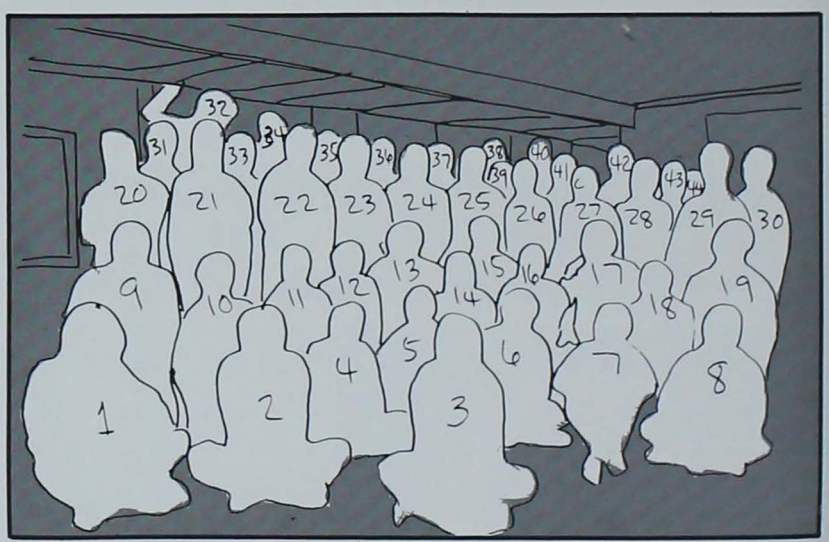


1 John Fedler, 2 Bob Louis, 3 Brad Hart, 4 John Gaffney, 5 Bryan Logan, 6 Paul Shafbach, 7 Kris Meyer, 8 Arlo Lassen, 9 Mike Phelps, 10 Jim Gunhus, 11 John Vincent, 12 Kirk Zimmerman, 13 Randy Mugg, 14 Jeff Christinsen, 15 Rex Harris, 16 Dean Fry, 17 Steve Munk, 18 Rick Rarl, 19 Randy Trabing, 20 Rod Lantz, 21 Steve Andrusyk, 22 Bob Gagley, 23 Greg Hansen, 24 Curt Jackson, 25 Lyle Serdlein, 26 Kevin Wright, 27 Mark Rasmasson, 28 Mike Bearden, 29 Lenny Zeman, 30 Steve Robinson, 31 Dan Merritt, 32 Roy Damstra, 33 Randy Burrow, 34 Steve Anderson, 35 Terry Anderson, 36 Jack Gochenour, 37 Brian Booker, 38 Joe Pille, 39 Mark Hunt, 40 Dave Willer 41 Ken Welty

Nielsen

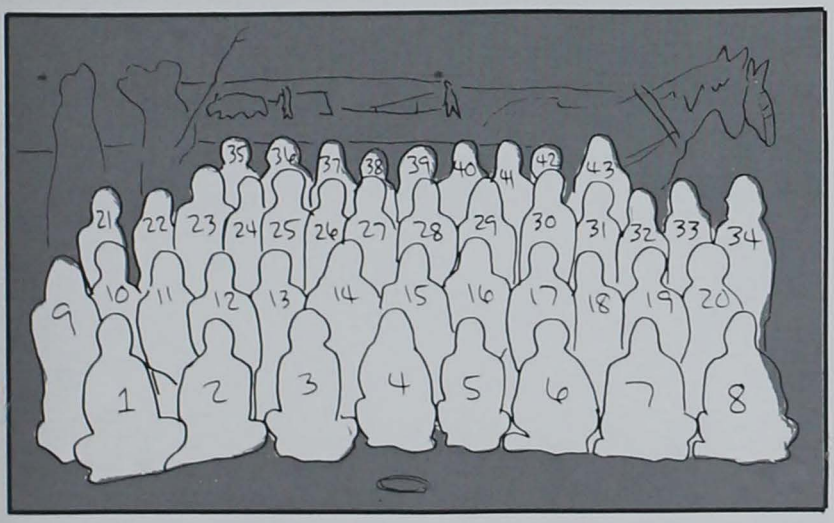


1 David Doak, 2 Brian Johnson, 3 Robert Krier, 4 James Currie, 5 Kenneth Kanouse, 6 Richard Kane, 7 Thomas Seite, 8 John Hall, 9 Richard Greenwalt, 10 Theodore Gottbreht, 11 Norlin Mommsen, 12 Reginal Nelson, 13 Thomas Robel, 14 David Christoffersen, 15 Allen Leslein, 16 Brian Kunz, 17 Lance Horbach, 18 Paul Bro, 19 John Krause, 20 William Hrbek, 21 Terry Wubbena, 22 Daniel Duwelius, 23 Mark Snater, 24 Douglas Hirsch, 25 Larry Penland, 26 Grant Gillard, 27 Kevin Collins, 28 Dennis Wunder, 29 Mark Schmitt, 30 Bruce Gustavson, 31 Ryan Harnack, 32 Daniel Prentice, 33 David Garnes, 34 Gary Bernhardt, 35 Randy Reihmann, 36 Michael Leaders, 37 John Hart, 38 Dale Bengstson, 39 Paul Ackerson, 40 Mark Monson, 41 George Tometich, 42 Murray Monson, 43 Michael Beeler, 44 James Vanriper



Palmer



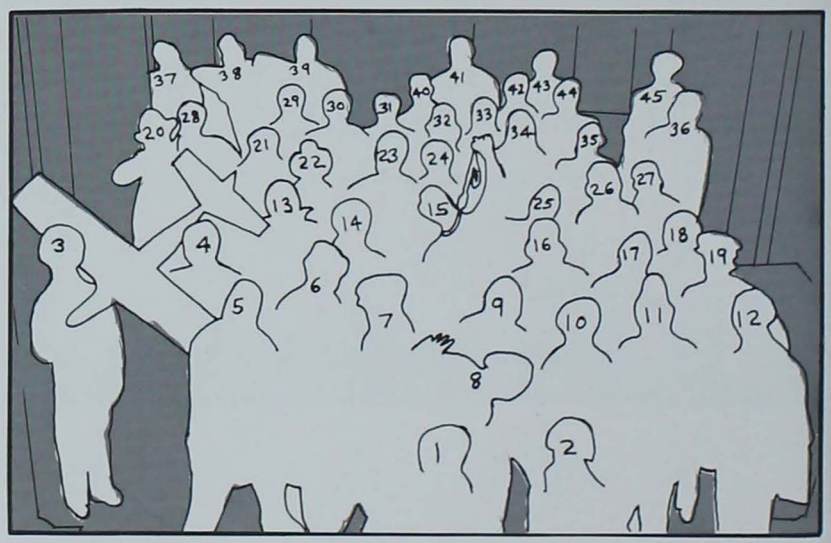


1 Jane Gibbons, 2 Diane Wolters, 3 Karen Pieler, 4 Tina Ohms, 5 Angela Reily, 6 Fannette Elliot, 7 Dee Westerman, 8 Lisa Henkenius, 9 Trish Winckler, 10 Mona Edmonds, 11 Sharon Kendall, 12 Sondra Beckwith, 13 Rebecca Hertz, 14 Jan McCracken, 15 Sara Beall, 16 Barbara Miller, 17 Barbara Osgood, 18 Denise Goodman, 19 Kim Maynes, 20 Sarah Brown, 21 Leslie Gallagher, 22 Nancy Dillemuth, 23 Kyle Hanna, 24 Kim Foster, 25 Denise Burton, 26 Ellen Broghammer, 27 Mary Jo Mockenhaupt, 28 Lori Silber, 29 Jenny Satre, 30 Rachel Holley, 31 Joyce Meldrem, 32 Molly Gelhaus, 33 Debra Burger, 34 Geri Izen, 35 Joan Cramer, 36 Robann Bruder, 37 Marsha Redlinger, 38 Sondra Seckovec, 39 Alice Cho, 40 Mary Clute, 41 Rhonda Murken, 42 Robyn Stanek, 43 Sue Schultze

Pearson

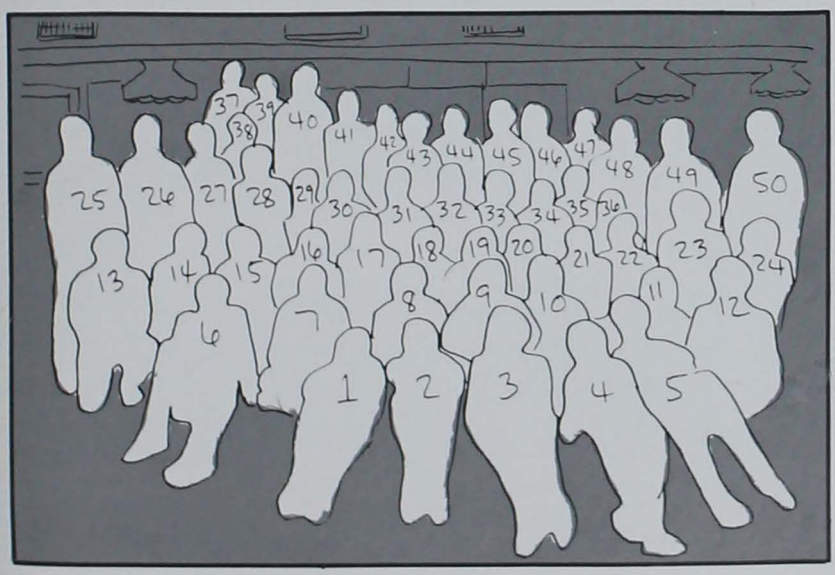


1 Dave Ward, 2 Terry Bachman, 3 Mike Kou, 4 Bijan Elahi, 5 Steve Hartley, 6 Gary Wiedemeier, 7 Ricky Brown, 8 Jim O'Connell, 9 Jeph Woodbury, 10 Don Tveitnes, 11 Bill Kearney, 12 Sam Sears, 13 Don Hatfield, 14 Rich Schons, 15 Herb Tinger, 16 Gary Maassen, 17 Dave Dahms, 18 Joel Twedt, 19 Holmes Lundt, 20 Hal Maddox, 21 Chris Larson, 22 Jim Shirbroun, 23 Brent Knox, 24 Marshall Humphrey, 25 John Nettleton, 26 Scott Soth, 27 Dave Van Wyk, 28 Dave Schlapkohl, 29 Linc Wainwright, 30 Mike Plunkett, 31 Floyd Vanderstoep, 32 Brad DeVries, 33 Roger Pewick, 34 Darrell Steele, 35 Jim Dean, 36 Kirk Nygaard, 37 Chuck Sexton, 38 Dan Ryherd, 39 Bob Lamb, 40 John Koning, 41 Tim Riley, 42 Neil Krummel, 43 Tom Busse, 44 Brian Blazek, 45 Tom Myers



Petersen



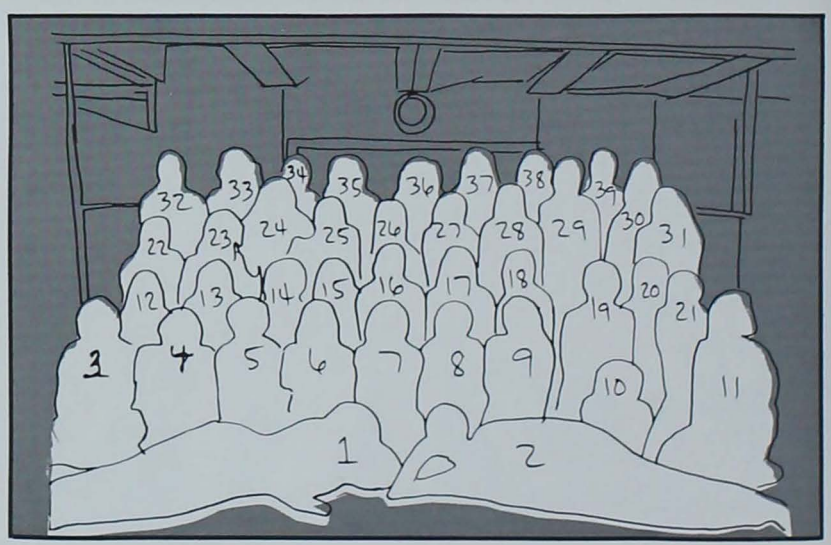


1 Chris Nail, 2 Tom Heuer, 3 Doug Carper, 4 Gavin Slater, 5 Steve Stafford, 6 Al Moore, 7 Terry Wagner, 8 Kim Tatsumi, 9 Joe Messer, 10 Dan Holle, 11 Ching Sing Liew, 12 Martin Evans, 13 Joe Burkett, 14 Ron Koontz, 15 Randy Horlocker, 16 Doug Carroll, 17 Ed Naiman, 18 Scott Cronin, 19 Mike Epps, 20 Al Dvorak, 21 Paul Krause, 22 Al Perkins, 23 John McWilliams, 24 Bob Ireland, 25 Scott Johnson, 26 Bill Enright, 27 Tim Brown, 28 Harry Davis, 29 Dan Skadal, 30 Dan Ivis, 31 Kent Woods, 32 Steve Hagman, 33 Larry Smith, 34 Matt Hammill, 35 Eric Haila, 36 Jeff Moll, 37 Dirk Dillenger, 38 Richard Gordon, 39 John Roberts, 40 Mike Miller, 41 Karl Bockhop, 42 Bruce Hruby, 43 Mike Gill, 44 John Albers, 45 Rick Miller, 46 Joel Krause, 47 Dave Hendersen, 48 Pat Ellenbecker, 49 Matt McElhinney, 50 Unidentified.

Rawson

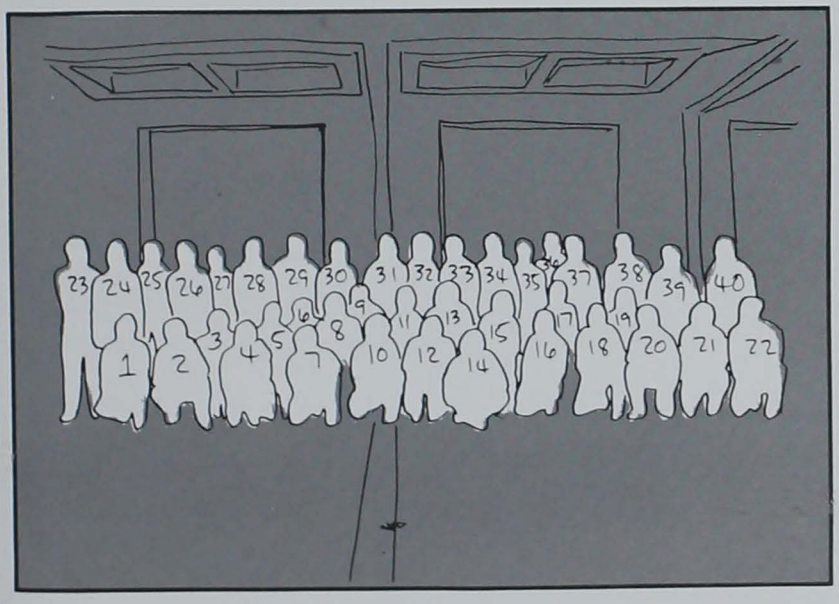


1 Denise Johnston, 2 Anne Ratcliffe, 3 Jane Christianson, 4 Myra Webster, 5 Myra Williams, 6 Lois Hessing, 7 Sue Brewer, 8 Beth Schroeder, 9 Karen Kinzler, 10 Lisa Pitesenbarger, 11 Kathy Nehls, 12 Wendy Walker, 13 Jane Bliss, 14 Leanne Coulter, 15 Rachel Brown, 16 Cheryl Watson, 17 Val White, 18 Kris Dyer, 19 Cathy Curtis, 20 Becky Benjegerdes, 21 Afarineh Barirani, 22 Joan Heider 23 Kristen Smith, 24 Mary Peiffer, 25 Del Rae Martin, 26 Charlie Anderson, 27 Chris Stahr, 28 Lori Horbach, 29 Yvonne Carpino, 30 Deb Collins, 31 Jane Johnson, 32 Lisa Kamphius, 33 Lori Ahlberg, 34 Chris Blosser, 35 Teri Thrall, 36 Julie Meylor 37 Cindy Rippel, 38 Annette Anderson, 39 Diane Wagner



Raymond



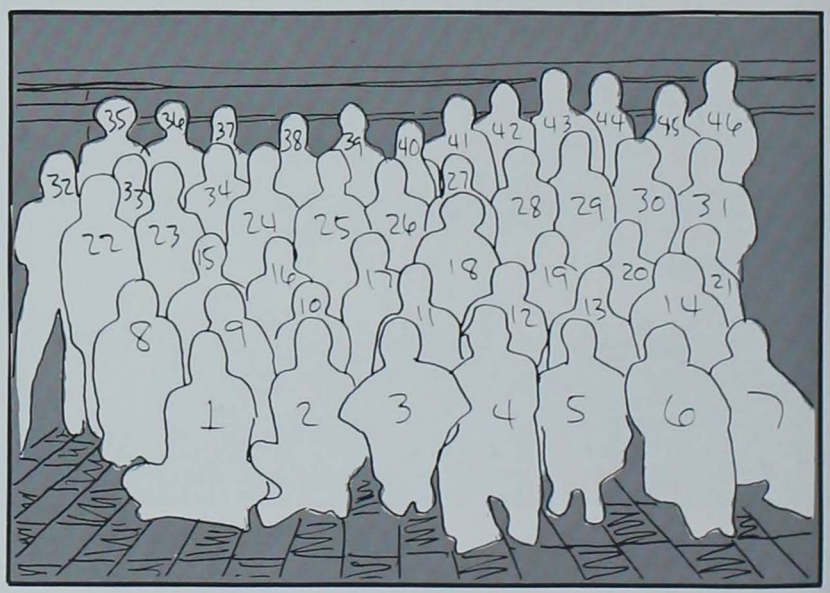


1 Mark Smith, 2 Jack James, 3 Kevin Buman, 4 Scott Boddicker, 5 Willie Vogt, 6 Doug Barnes, 7 Ron McCartney, 8 Chuck Seacrist, 9 Ed Knaack, 10 John Belding, 11 Tim Johnson, 12 Lu Barras, 13 Rick Smith, 14 Kent Shinners, 15 Dana Hotz, 16 Steve Kerchberger, 17 Jim Knudsen, 18 Kurt Rentel, 19 Nick Liebold, 20 Lyman Burr, 21 Tom Dooley, 22 Scott Auld, 23 Greg Hudson, 24 Mark Dillingham, 25 Brian Burk, 26 Dave Koester, 27 Larry Alliger, 28 John Hinz, 29 John Thorson, 30 Bob Herum, 31 Mark DeBower, 32 Jim DeTaeye, 33 Roger Bever, 34 Steve Cloughsey, 35 Bob Powers, 36 Ralph Badtram, 37 Greg Weis, 38 Perry Nelson, 39 Mike Grimson, 40 Pete O'Toole

Richey

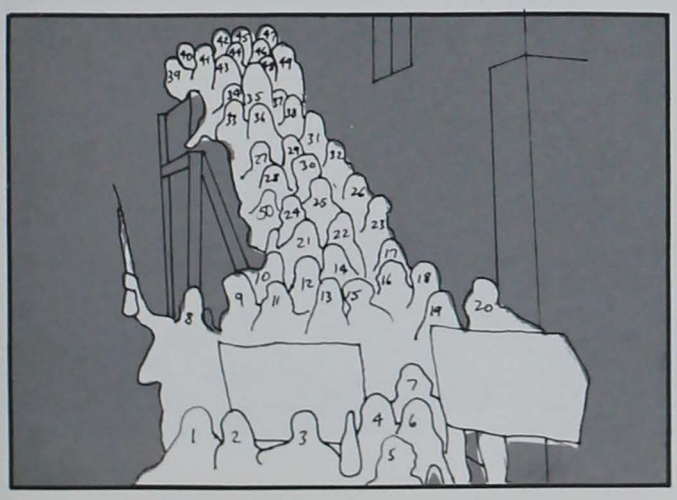


1 Chuck Wells, 2 Dave Austerlade, 3 Mark Winkelhake, 4 Gary O'Brien, 5 Pete Hanger, 6 Dan Feddern, 7 Mike Daft, 8 Larry Billings, 9 Jerry Webb, 10 Doug McDonald, 11 Jeff Biege, 12 Gary Brandt, 13 Dale Nielsen, 14 Dave Webber, 15 Mike Gill, 16 Dennis Douda, 17 John Berendt, 18 Mahmoud Javadpour, 19 Phil Rekemeyer, 20 Jeff Paulson, 21 Randy Sime, 22 Tet Chi Liew, 23 Dan Gieser, 24 Bob Weber, 25 Paul Bookhout, 26 Bill Staley, 27 Gary White, 28 Fred Gasper, 29 Ed McGuire, 30 Brian Bennett, 31 Tim Mackey, 32 Dave Robinson, 33 Paul Harle, 34 Mark Tegrootenhuis, 35 Ed Symonds, 36 Ed Hall, 37 Eric Prell, 38 Mike Catlett, 39 Mike Moehller, 40 Perry McGillirray, 41 Joan Nguyen, 42 Dave Wetrosky, 43 Warren Lammers, 44 Mike Hervey, 45 Gary Sloniker, 46 Paul Stevermer



Rowe



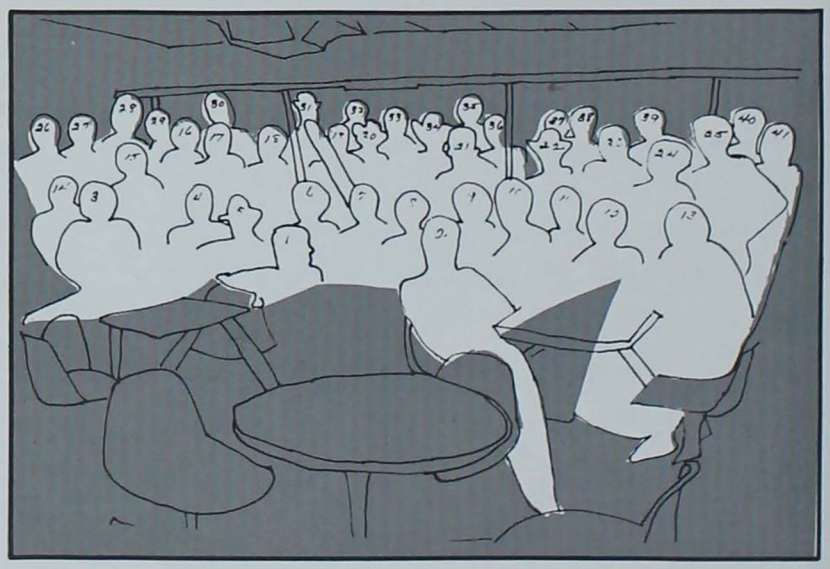


1 Carol Edmondson, 2 Gayle Dreier, 3 Kay Hanes, 4 Barb Wright, 5 Ann Wright, 6 Debb Crawford, 7 Patty Hicks, 8 Joe Hanes, 9 Tory Sitter, 10 Beth Jasper, 11 Nancy Mickey, 12 Shad Grotenhuis, 13 Anne Boesen, 14 Barb Olson, 15 Becky Harris, 16 Sue Williams, 17 Sharon Cavanaugh, 18 Lu Miller, 19 Pat Weaver, 20 Leanne Treimer, 21 Pam Hammer, 22 Jane McCullough, 23 Jill Hummel, 24 Brenda Main, 25 Lori Brandt, 26 Ann Witte, 27 Jo Ann Vermazen, 28 Pam Danielson, 29 Joan Aanensen, 30 Gail Delp, 31 Jo An McElroy, 32 Liz Roberts, 33 Sheil Ehrmann, 34 Peggy Mott, 35 Barb Sunds. 36 Jeanine Agnew, 37 Paula Ross, 38 Martha Wegner, 39 Dana Ormston, 40 Jana Petersen, 41 Melissa Sage, 42 Ellen Soucek, 43 Maggie Beddow, 44 Lisa Goldsmith, 45 Paulette Nielson, 56 Barb Keele, 47 Nancy Uthe, 48 Joni Simon, 49 Sue Arthur, 50 Becky Wilcken

Sage

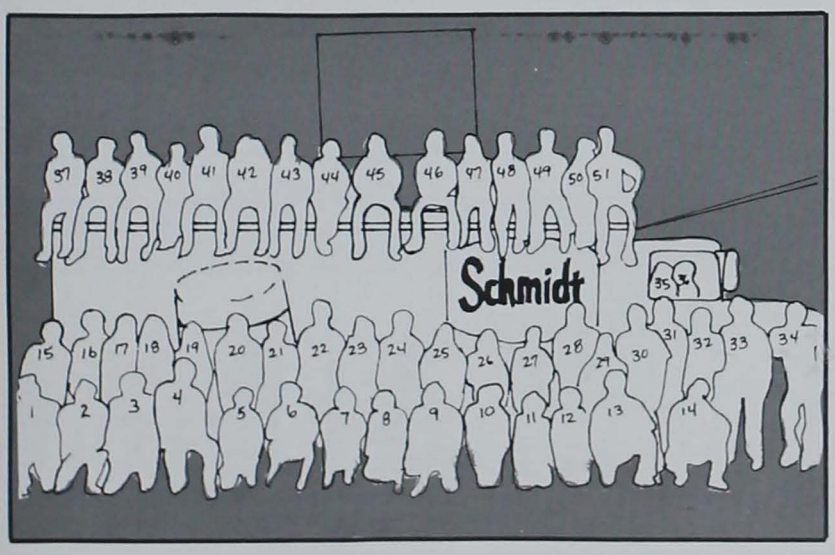


1 Mark Logan, 2 John Cunningham, 3 Jon Hill, 4 Charles Omorchoe, 5 Jack Fisher, 6 Dave Winter, 7 Chuck Young, 8 Clete Kunce, 9 Gordy Fedler, 10 Jim Boysen, 11 Dave Rarick, 12 Tony Pegneri, 13 Leland Olson, 14 Mark Myers, 15 Byron Johnson, 16 Steve Shifflett, 17 Brian Caballero, 18 Kevin McGrew, 19 Kevin Davis, 20 Tom Feldman, 21 Tom Hall, 22 Tony Anderson, 23 Pat Mally, 24 Rich Carr, 25 Russ Boeding, 26 Duane Meeker, 27 Jeff Kemick, 28 Steve Schaaf, 29 Gaylon Teslaa, 30 Tom Olson, 31 Doug Kalkwarf, 32 Craig Mack, 33 Greg Brown, 34 Tom Bitter, 35 Greg Martsching, 36 Don Davidson, 37 Rich Wohlers, 38 Bob Branchini, 39 Bob Johnson, 40 Scott Bly, 41 Jay Knudtson



Schmidt





1 Gail Goodner, 2 Corey Rabe, 3 Dennis Moll, 4 Jim Grattinger, 5 Cindy Schmitt, 6 Tim Hinderks, 7 Deb Minor, 8 Lori Pelz, 9 Frank Clements, 10 Deb Betz, 11 Nan Greenlee, 12 Peggy Leer, 13 Jeffrey Childs, 14 Mark Lloyd, 15 Mr. Wink, 16 Roger Kann, 17 Diane Rogers, 18 Tamara Anderson, 19 Nancy Noonan, 20 Karin Ziemke, 21 Susanne Hayes, 22 Gregory Kromminga, 23 Cynthia Perkins, 24 Jay Bullock, 25 Christine Anderson, 26 Deanna Bates, 27 Laura Markey, 28 John Walker, 29 Jennifer Morris, 30 Mr. Schmidt, 31 William Calderwood, 32 John Wedekind, 33 Tom Hoskins, 34 Sam Allen, 35 Karen Schurr, 36 Steve Peterson, 37 Alan Dotts, 38 Marty Goodrich, 39 Randy Dotson, 40 Jo Montgomery, 41 Richard Weirbaum, 42 Robert Ihry, 43 David Mathews, 44 Mary Huffman, 45 Gregg Larson, 46 Daniel Monck, 47 Laurie Bonsall, 48 Laura Kaas, 49 John Frieberg, 50 Debra DeVries, 51 Gary Oles

Spinney

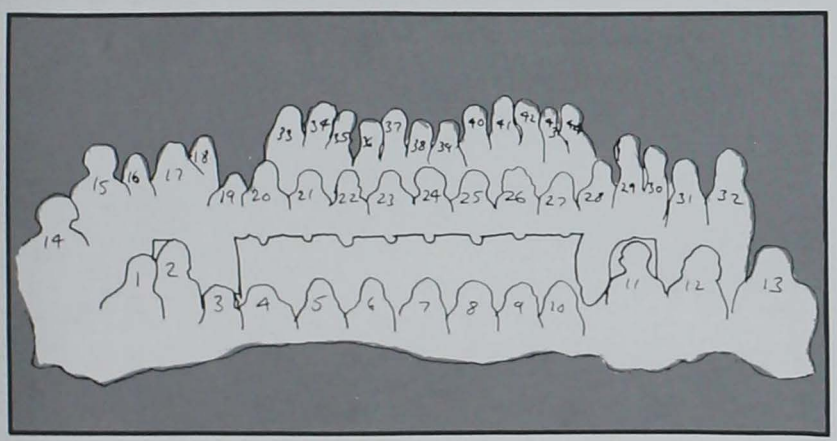


1 Sheri Shaw, 2 Jan Schieltz, 3 Kay Richardson, 4 Liz Palmer, 5 Byron Tabor, 6 Ron Zike, 7 Kevin Taylor, 8 Cathi Fischer, 9 Sheryl Corder, 10 Marty Kail, 11 Dick Kyras, 12 Mark Toney, 13 Cindi Jorstad, 14 Gina Gustatson, 15 Esther Jackson, 16 Tim McTaggert, 17 Greg Forster, 18 Jody Johnson, 19 Carmen Rahe, 20 Dawn Connet, 21 Jeff Crump, 22 Laurel Strand, 23 unidentified, 24 unidentified, 25 Liz Campbell, 26 Mark Weisman, 27 Sally Johnson, 28 Jay Dillavou, 29 Nancy Florine, 30 Terry Ward, 32 Sheila Dotts, 33 April Damaska, 34 Deb McLaren, 35 Mary Mahoney, 36 Tom Bergland, 37 Rouhollah Yeroshalmi, 38 Steve Sellars, 39 Mark Miller, 40 Jack McQueeney, 41 Dan Crim, 42 Mike Monson, 43 Tracy Wehrhan, 44 John Collins, 45 Brad Delay, 46 Dave Leacox, 47 Tamara Whittey, 48 Jan Kramer, 49 Bernard Bolte, 50 Unidentified



Starbuck



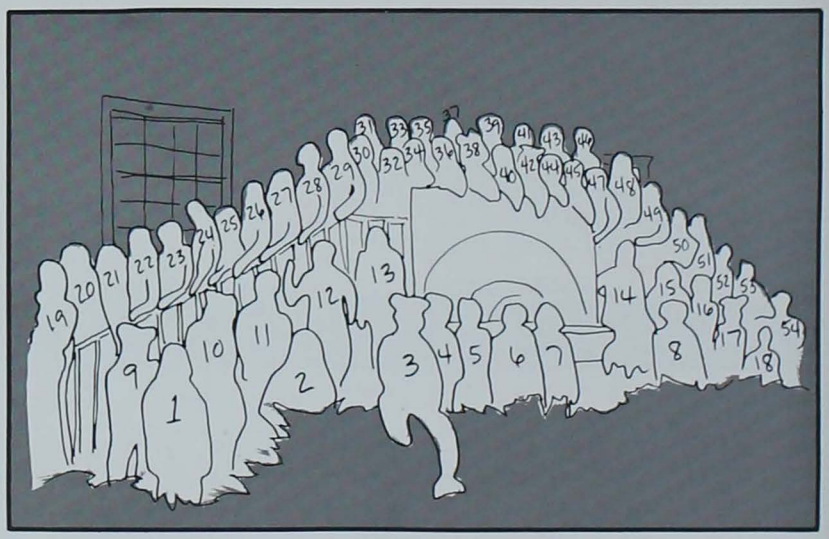


1 Margaret Girton, 2 Catie Lee, 3 Susan Lockridge, 4 Vick Harker, 5 Julie Thoma, 6 Lisa Kuehl, 7 Sandy Guy, 8 Von Meyer, 9 Karen Gatewood, 10 Diane DeVault, 11 Kathy Kerns, 12 Sara Beatty, 13 Paula Dix, 14 Julie Schlicter, 15 Glenna Stookesberry, 16 Rosie Moffitt, 17 Liz Howard, 18 Jonie Dolezal, 19 Nancy Perry, 20 Lori Zitterich, 21 Wenda Freiburger, 22 Maggie Lambert, 23 Becky Franklin, 24 Kat Frohling, 25 Mer de Young, 26 Dawn Feaster, 27 Cathy Schmit, 28 Amy Arundel, 29 Lisa Bennett, 30 Margie Selvig, 31 Bobette Glasford, 32 Brenda Stteen, 33 Lyn Newton, 34 Cindy Puk, 35 Deb Schilling, 36 Heidi Berkenbosch, 37 Cindy Tjernagel, 38 Dana Crouch, 39 Debbie Hamilton, 40 Maureen Mahoney, 41 Tam Green, 42 Janet Gretter, 43 Ronda Hoffman, 44 June Hanson

Tappan

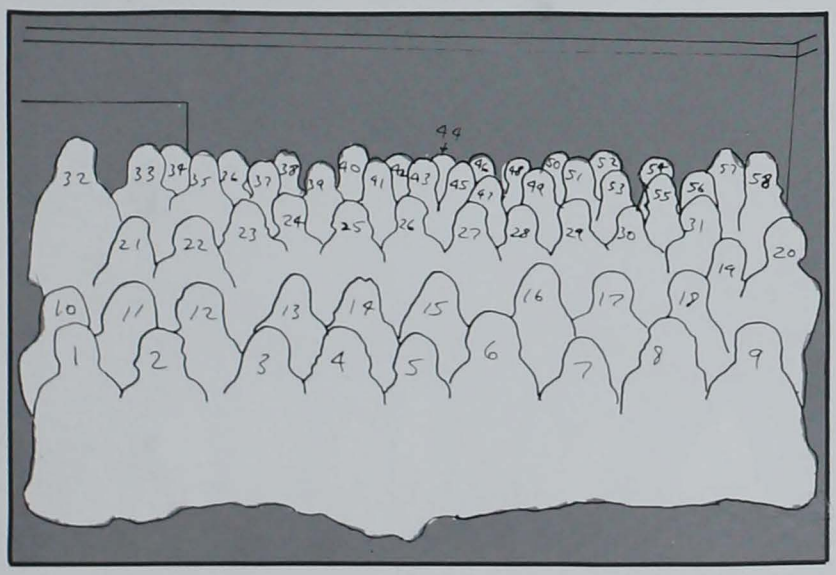


1 Lynn Bruch, 2 Lou Ann Clemens, 3 Marilyn Maas, 4 Linda Sanders, 5 Betsy Morgan, 6 Hope Degner, 7 Sandy Funk, 8 Sheila Dinges, 9 Karen Fridholm, 10 Lisa Bussard, 11 Marion Floetenmeyer, 12 Jane Kostiva, 13 Heather Tremblay, 14 Deb Koedam, 15 Bev Welden, 16 Denise McNamee, 17 Kathy Dillon, 18 Nora Neff, 19 Carol Fick, 20 Janet Johnson, 21 Janine Hemphill, 22 Joan Seybold, 23 Paulette Christensen, 24 Mary Sievers, 25 Sue Stapleton, 26 Patti Stecen, 27 Dana Drape, 28 Deb Yohn, 29 Karen Meyer, 30 Christi Lewis, 31 Ann Bartlett, 32 Janenne Horn, 33 Jenny White, 34 Coleen Severson, 35 Barb Whitehouse, 36 Terrie Wierenga, 37 Nancy Bralic, 38 Lori Specht, 39 Robin Mielitz, 40 Deb Fick, 41 Carol Woodrick, 42 Cindy Koehn, 43 Cindy Duff, 44 Laura Knepp, 45 Chris Roules, 46 Deb Strobbe, 47 Jill Martin, 48 Ruth Schulze, 49 Denise Baldwin, 50 Diane Spear, 51 Cindy Swanson, 52 Patty Hogan, 53 Jane Hayden, 54 Cheryl Lobaugh



Turner





1 Muriel Hohl, 2 Debbie Donahue, 3 Diane Weber, 4 Nancy Wulfekuhle, 5 Dena Wilson, 6 Evelyn McGregor, 7 Marcia Vogts, 8 Janet Dorale, 9 Rhonda Linquist, 10 Janet Lamb, 11 Karen Schuller, 12 Kathy Higgins, 13 Debra Carlson, 14 Julie Fritz, 15 Debra Dixon, 16 Ann Harper, 17 Susan Bakley, 18 Brenda Walker, 19 Debra Timm, 20 Rhonda Rathje, 21 Beth Walsh, 22 Lori Beebe, 23 Karen Topf, 24 Joan Danker, 25 Kristin Swanson, 26 Margo Ellis, 27 Ann Bishop, 28 Annette Stromer, 29 Linda Link, 30 Melanie Kleppe, 31 Jill Butler, 32 Terri Dana, 33 Cecelia Kloewer, 34 Ann Larson, 35 Susan Roloff, 36 Jill Sears, 37 Daisy Einck, 38 Teresa Konnath, 39 Mary Zilis, 40 Ann Dolan, 41 Sheryl Hartsock, 42 Patricia Phillips, 43 Barbara Mann, 44 Cynthia Marshall, 45 Sheila Podqurski, 46 Janet Lambert, 47 Cindy Jensen, 48 Diane Garvin, 49 Janet Gambs, 50 Ellen Gordon, 51 Stella Woolley, 52 Janene Burk, 53 Kathryn Bratkiewicz, 54 Janine Asmussen, 55 Lynela Becker, 56 Susan Phillips, 57 Vonise Petersen, 58 Elizabeth Curry

Vance



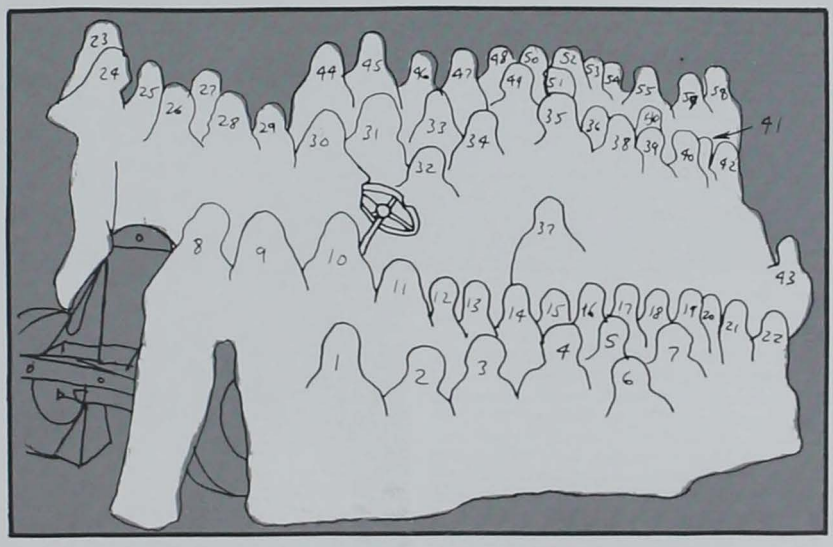
1 Ken Hurst, 2 Dave Stadtmueller, 3 Mike Pick, 4 Randy Domeyer, 5 John Kirst, 6 Arlan Hechtner, 7 Marcus Engebretson, 8 Brian Pierce, 9 John Roofus, 10 Maury Wills, 11 Randy Reis, 12 Jeff King, 13 Harold Lawson, 14 Denny Cameron, 15 Jim Hilby, 16 Ted Schultz, 17 Mike Peters, 18 Gary Neilson, 19 Brad Bunce, 20 Kelly Overton, 21 Jim Wilcox, 22 Ted Ganske, 23 Eric Von Muenster, 24 Dave Baker, 25 Dan Carruthers, 26 Mike Manley, 27 Mitch Deopke, 28 Curt Buck, 29 Jim Getman, 30 Rex Klopfenstien, 31 Duane Matheson, 32 Don Nardchal, 33 Mark Ciskey, 34 Chris Mongar, 35 Bill Cardaman, 36 Chuck Ohnesorge, 37 Kip Clapper, 38 Bert Winbush, 39 Doug Tweedt, 40 Mike Pedersen, 41 Wayne Brunsman



Vollmer



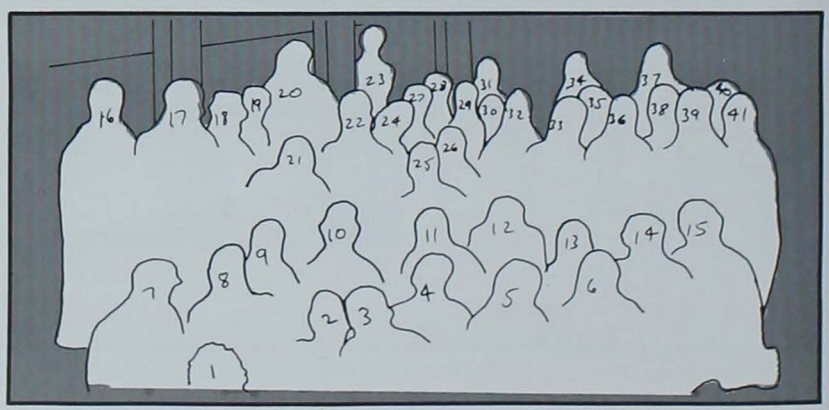
1 Vicki Shepard, 2 Pam Nielsen, 3 Carol Wood, 4 Amy Koetz, 5 Karen Smith, 6 Anita Lehmann, 7 Mary White, 8 Marcia Hansen, 9 Teresa Ruter, 10 Deb Pennock, 11 Ruth Konrady, 12 Lori Brown, 13 Betsey Sennott, 14 Val DeBartolo, 15 Barb Gard, 16 Val Guest, 17 Elaine Harvey, 18 Nancy Hastert, 19 Nancy Lienau, 20 Janeen Fink, 21 Carmen Frese, 22 Chris Dickey, 23 Rhonda Twedt, 24 Dawn Rodas, 25 Penny Thomsen, 26 Deb Morris, 27 Kathy VerMeer, 28 Suzie Poore, 29 Dee Bunting, 30 Sharie Wischnie, 31 Deb Wassom, 32 Gail Robinson, 33 Carol Treichler, 34 Cindy Hutt, 35 Lynne Burgett, 36 Kris Buchheit, 37 Karla Becker, 38 Carol Tonderum, 39 Rhonda Shriver, 40 Rochel Engle, 41 Kathy Battle, 42 Kyp Young, 43 Laura Hill, 44 Marty Colony, 45 Teresa Block, 46 Jean Recker, 47 Peggy Rankin, 48 Cheryl Dolan, 49 Gail Seymour, 50 Bobbie Kennedy, 51 Bravey Jones, 52 Carol Vhos, 53 Julie Green, 54 Rhonda Simonson, 55 Mary Derga, 56 Ruth Schuller, 57 Kris Long, 58 Rhonda Heimstra



Wilkinson

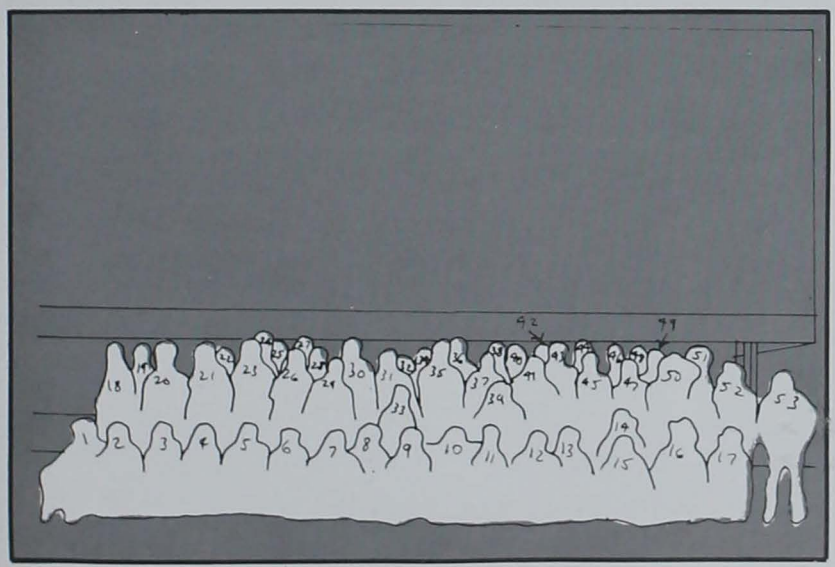


1 Allen Roderick, 2 Rick Coursey, 3 David Leissner, 4 William Dahlgram, 5 Loren Logan, 6 Tim Fiala, 7 Pat Knokel, 8 Dave Reinhart, 9 Dean Sherwood, 10 Randy Behm, 11 Steven Coffin, 12 Greg Paige, 13 Al Weber, 14 Hunter Beard, 15 Todd Sutton, 16 Cortney Kintzer, 17 Randy Shirbroun, 18 Clay Fish, 19 Buff Brown, 20 Greg Slodek, 21 Scott Struble, 22 Dirk Versteeg, 23 Mark Bennett, 24 Mike Barnard, 25 David Carlson, 26 Mountain Hollinrake, 27 Greg Martin, 28 Mike Brune, 29 Phil Czosnyka, 30 Mark Nelson, 31 James Breenan, 32 Jim Griffin, 33 Craig Pitts, 34 David MacKowski, 35 Larry Molacek, 36 Richard Powell, 37 Greg Bartlett, 38 James Auspurger, 39 Bob Berger, 40 Kevin Lucke, 41 Tony McGaha



Wolf



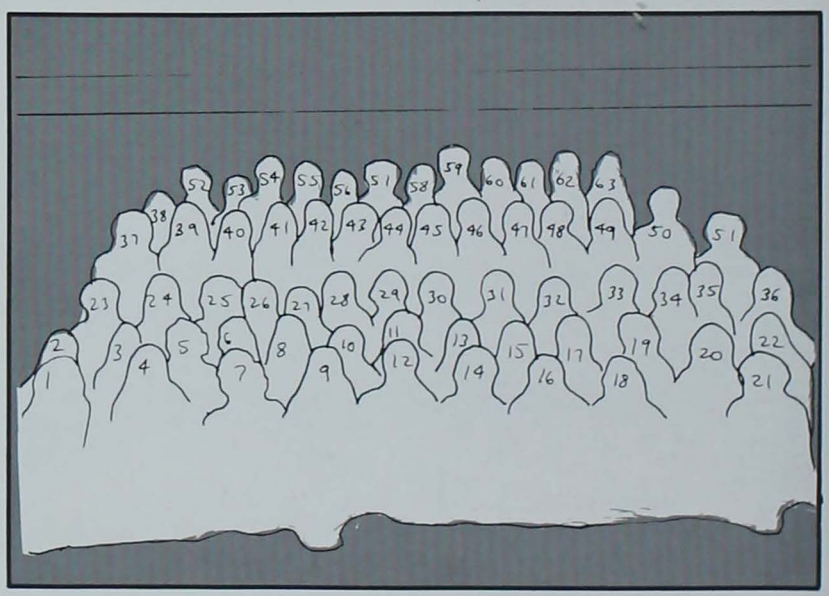


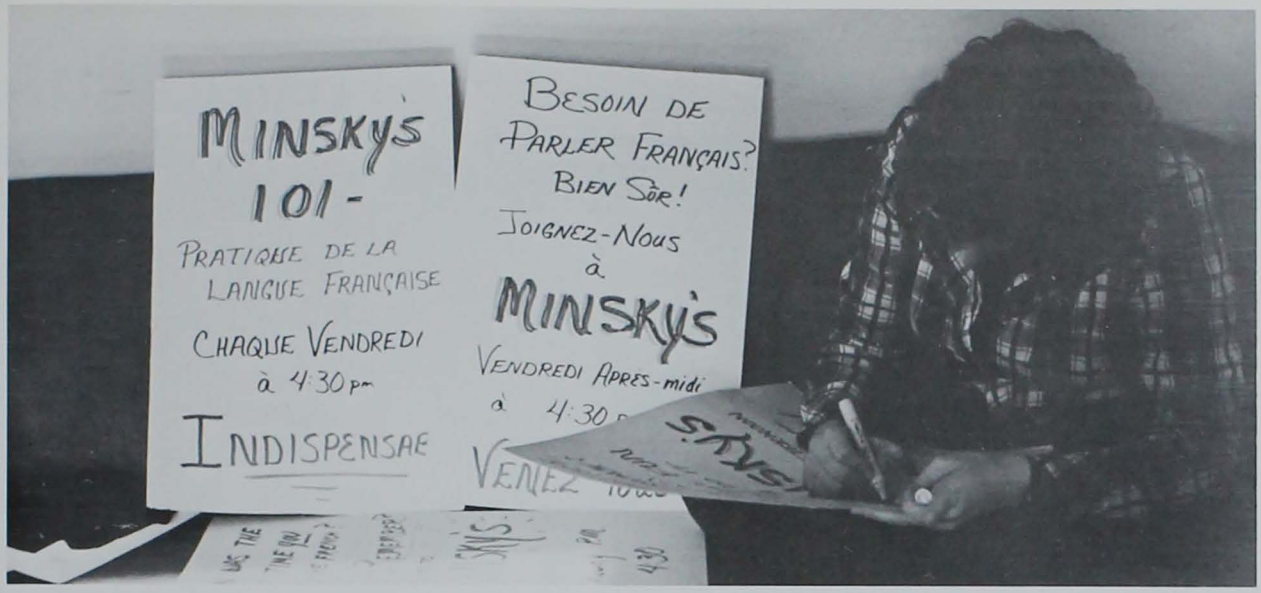
1 Jim Minor, 2 Dan Stipp, 3 Mitch Mendilik, 4 John Curry, 5 Dennis Jantz, 6 Dan Graham, 7 Joe Gideon, 8 Steve Reedy, 9 Gary Stenzel, 10 Dennis Worth, 11 Dan Monaghan, 12 Forrest Whitford, 13 Mike Sutton, 14 Mark Sponsler, 15 Stuart Hosen, 16 Greg Morgan, 17 Greg Duffy, 18 Brian Riordan, 19 Jeff Jones, 20 Mark Leymaster, 21 Roger Dekok, 22 Randy Moench, 23 Jim Ludwigs, 24 Jeff Miller, 25 Mark Craner, 26 Dick Lange, 27 Mike Uhl, 28 Jon Turner, 29 Mark Gilbert, 30 Bill Iglehart, 31 Bob Hendrix, 32 Farley Mcillece, 33 Brent Isenberser, 34 Rawi Camel Toueg, 35 Dan Reeder, 36 Doug Willard, 37 Dave Baird, 38 Mike Bloomburg, 39 Grayland Crist, 40 Dave Johnson, 41 Bill Hansen, 42 Scott Sage, 43 Mark Sorensen, 44 Craig Wolterman, 45 Kim Santman, 46 Bill Lehfeld, 47 Mark Stone, 48 Larry Husle, 49 Steve Schuelka, 50 Randy Coffey, 51 Randy Spenla, 52 Dave Petersen, 53 Glenn Lewoczko

Young



1 Deb Egli, 2 Nora Brown, 3 Keeley Hanson, 4 Julie Heimberger, 5 Lori Lytle, 6 Julie Swanson, 7 Liz Harbour, 8 Ann Wilson, 9 Shari Buckley, 10 Jenny Evans, 11 Karen Rutz, 12 Jodi Ficken, 13 Linda Cook, 14 Lori Mann, 15 Patti Cole, 16 Marie Lovik, 17 Sheila Jobe, 18 Sue Graham, 19 Diana Adamson, 20 Sue Carberry, 21 Justina Hodge, 22 April Yarham, 23 Lori Irlmeier, 24 Teresa Meyer, 25 Jerri Heid, 26 Sue Soenke, 27 Sherry Knochenmus, 28 Patty Pound, 29 Martha Streuber, 30 Kathy Graham, 31 Leslie Bevan, 32 Priscilla Spellman, 33 Paula Loehr, 34 Becky Maffin, 35 Jocey Rhodes, 36 Anna Holland, 37 Sue Froelich, 38 Cindy Vanfarowe, 39 Mary Hagemann, 40 Carol Miller, 41 Kit Gardner, 42 Teresa Emberton, 43 Lori Hildebrand, 44 Cindy Oldfather, 45 Kandie Deike, 46 Linda Beaman, 47 Margaret Dittert, 48 Jan Smiley, 49 Nancy Peterman, 50 Janene Salemink, 51 Deb Vercande, 52 Deb Cochran, 53 Patty Morgan, 54 Sue Suter, 55 Louann McGill, 56 Sharon Aden, 57 Julie Lewon, 58 Linda Petersen, 59 Lynn Meinke, 60 Mary Keefe, 61 Bronwyn Novacek, 62 Sue Potthoff, 63 Judy Ralston





Joanne Senne, Fr 3



Timothy Hansen, Geol 3

"Parlez-vous français?"

Studying French involves more than the classroom for the seven members of French House. These students earn one credit per quarter, or three a year, for independent study, simply by their interaction. Besides the universal duties known to us all—making supper, taking out the garbage—they must speak French only to each other from six to 10 p.m. every day. And, occasionally, some outside "study" draws the group together . . . . (Minsky's 101??)

Photos by Steve Ekholm

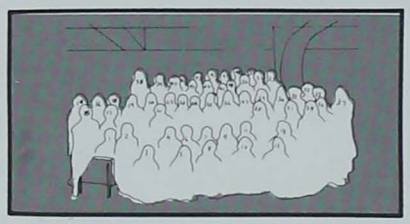


French House, 316 Hayward

Tompkins

1 Jane Biderman, 2 Laurie Seward, 3 Binky Courtney, 4 Bev McCully, 5 Rita Beving, 6 Renee Durbala, 7 Karen Stewart, 8 Juliann Kavitski, 9 Linell Klinkenberg, 10 Paula Lasack, 11 Cindy Happe, 12 Heidi Tietz, 13 Christina Schrein, 14 Cyndi Pellman, 15 Julie Birchmier, 16 Rachel Myers, 17 Josephine Petrick, 18 Sondra Winterhof, 19 Lynnette Heidemann, 20 Jan Jorgensen, 21 Lori Madsen, 22 Kayla Kingman, 23 Noreen Lonergan, 24 Annette Galloway, 25 Susan Messen Brink, 26 Julie Jasnoch, 27 Janet Kutsch, 28 Michelle Tryon, 29 Lori Johnson, 30 Sharon Joebgen, 31 Donna Keppy, 32 Teresa Koepke, 33 Barb Hahn, 34 Suzanne Yaggy, 35 Janet Figgers, 36 Ann Barnes, 37 Sandra Wikner, 38 Charlotte Roehr, 39 Annette Schons, 40 Ann Johannes, 41 Lisa Landgraf, 42 Linda Powers, 43 Debra Wittry, 44 CatherineTrilk, 45 Kristi Sarchet, 46 Kim Davis, 47 Bonnie Hansen, 48 Jeanne Benda, 49 Pat Ebers, 50 Cathy Scott, 51 Mary Pfeiffer, 52 Gretta Anderson, 53 Ruth Krieg





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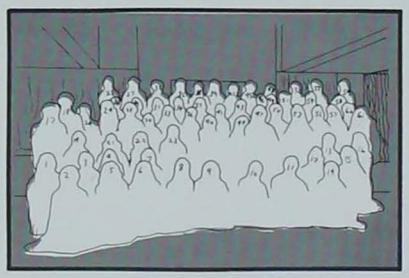



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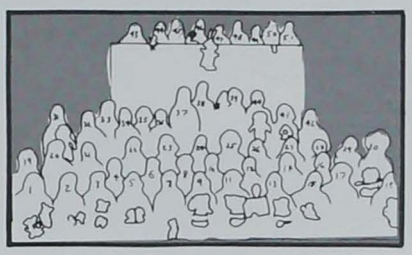
Anderson

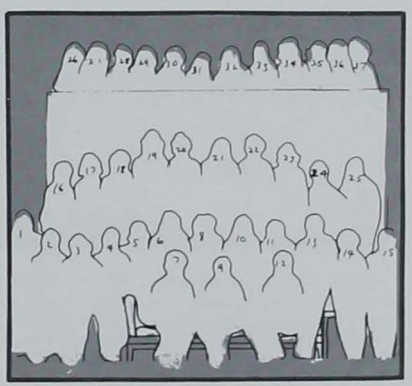


1 Debbie Mraz, 2 Mary Fulton, 3 Kathy McGannon, 4 Connie Herbert, 5 Michelle Stokes, 6 Didi Virden, 7 Julie Pedigo, 8 Julie Durbala, 9 Bev Stanley, 10 Mary Partington, 11 Danel Simonson, 12 Bev Russell, 13 Meg Pedigo, 14 Nancy Mullen, 15 Laura Petersen, 16 Kathy Anderson, 17 Julie Jeffries, 18 Peggy Buell, 19 Kris Kirchner, 20 Ann Mammal, 21 Kathleen Harryman, 22 Shellie Aneweer, 23 Kim Sears, 24 Peggy Rash, 25 Jan Sanderson, 26 Tara Stapleton, 27 Jean Jansen, 28 Leslie Heitman, 29 Sara Kneeskern, 30 Betsy Logan, 31 Jane Ydstie, 32 DeAnn DeLong, 33 Janet Henrich, 34 Stephanie Thompson, 35 Denise Cameron, 36 Lori Nelson, 37 Jenele Crone, 38 Jean Aspinall, 39 Joan Uehling, 40 Margaret Seveik, 41 Jana Baldwin, 42 Carolyn Collins, 43 Marilyn Schnormeier, 44 Lynn Eggleston, 45 Nancy Kouri, 46 Leslie Mazurk, 47 Cathy Hallagan, 48 Laurie Paul, 49 Sue Tindall, 50 Lori Richtsmeier, 51 Barb Molis



Arnquist

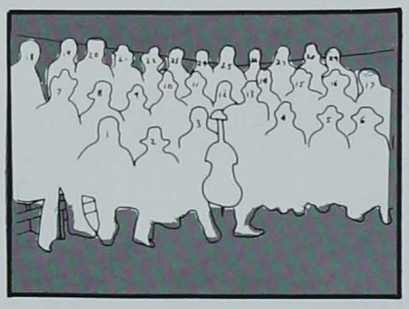




1 Gina Ruff, 2 Marti Breuer, 3 Marla Wilkins, 4 Kathy Collier, 5 Karalyn Cline, 6 Deb Dvorak, 7 Patti Manikowski, 8 Mary J. Dempsey, 9 Sue Murray, 10 Laura McLaughlin, 11 Lillian Baker, 12 Sue Kostiwa, 13 Sue Leitschuck, 14 Ronda Carlson, 15 Margaret Gable, 16 Nancy Schwider, 17 Nancy Anderson, 18 Lynn Johnson, 19 Sandy Bristow, 20 Mary Burkert, 21 Cheila Tiedt, 22 Joan Bell, 23 Connie Davies, 24 Brenda Boell, 25 Kathy Molle, 26 Lorraine Bates, 27 Sabrina McIllece, 28 Karen Kelly, 29 Carrie Thoermer, 30 Kathy Turner, 31 Maureen Donahue, 32 Amy Mongar, 33 Lori Thein, 34 Karen Steen, 35 Susan Stewart, 36 Beth Burright, 37 Deanna Ward

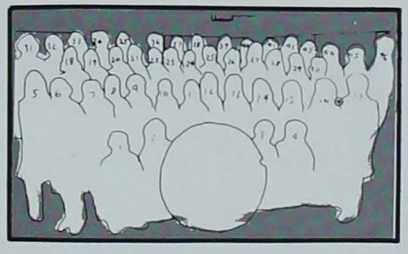
Ayres

1 Joe Mueller, 2 David Petersen, 3 Bill Secor, 4 Randy Kool, 5 Kevin Macintosh, 6 Bryan Shimp, 7 Bob Downey, 8 John Hunt, 9 Greg Meenan, 10 Keith Machlan, 11 Jim Dempsey, 12 Bob Meerdink, 13 Dean Buck, 14 Mike Todd, 15 Dan Inbody, 16 Dave Harness, 17 Ed Finn, 18 Bob Kenyon, 19 Gary Mickelson, 20 Randy Martin, 21 Glenn Daily, 22 Dave Edge, 23 Tim Van Fleet, 24 Herb Atwood, 25 David Moss, 26 Dave Cook, 27 Al Raymon, 28 John Muir, 29 Mark Lovik





Barker



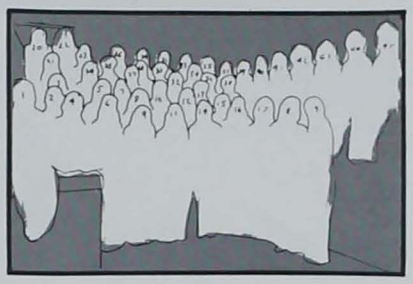
1 Heather Rutz, 2 Linda Kuhlers, 3 Sarah Evans, 4 Pat Lewis, 5 Anita Woodroffe, 6 Lois Halstead, 7 Connie Schmellik, 8 Deb Hunnell, 9 Jan Harpole, 10 Carol Nelson, 11 Barb Ink, 12 Brenda Barber, 13 Kathy Anderson, 14 Carrie Woodcock, 15 Susan Hermanson, 16 Ann Marie Brennan, 17 Jean Braun, 18 Sue Plantz, 19 Betty Kazor, 20 Sarah Chadima, 21 Ginny Penton, 22 Cristi Miller, 23 Jeanette Abarr, 24 Amy North, 25 Joan Zito, 26 Nancy Carver, 27 Nancy Naden, 28 Julie Rinehart, 29 Mary Harrington, 30 Joyce McClure, 31 Michelle Van Slyke, 32 Cathy Kulick, 33 Jill Handley, 34 Teresa McGivern, 35 Joyce Randall, 36 Tammy Mercer, 37 Mary Bruce, 38 Sandy Gass, 39 Janna Lee, 40 Chris Holland, 41 Tresia Natte, 42 Cindy Hallberg, 43 Lisa Smejkal, 44 Cyndy Nielsen, 45 Holly Bell, 46 Jenny Hidlebaugh



Brandt

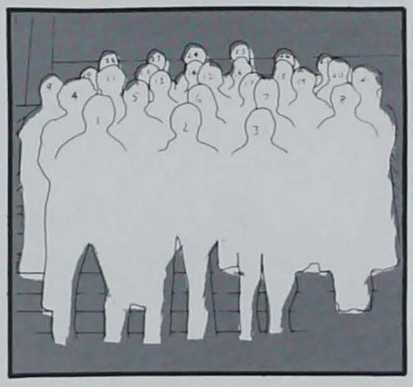


1 Barb Maas, 2 Cindy Snyder, 3 Steph Moss, 4 Sharon Kalianoff, 5 Jean Gawnorski, 6 Kim Welch, 7 Robin Kramer, 8 April Schreiber, 9 Kerry Sullivan, 10 Lori Larsen, 11 Connie Roys, 12 Pam Cross, 13 Susanne Steffen, 14 Deb Schmidt, 15 Lynn Gladfelder, 16 Barb Schmidt, 17 Teresa McCallum, 18 Kathy Sullivan, 19 Brenda Fessler, 20 Penny Hoyle, 21 Liz Anderson, 22 Becky Bushlow, 23 Margo Maire, 24 Lisa Humphrey, 25 Kathy Perret, 26 Patty Hackett, 27 Joyce Godwin, 28 Diane Weirich, 29 Teresa Coon, 30 Lois Herndon, 31 Sarah Nixon, 32 Dawn Goetsch, 33 Sybil Crocker, 34 Dawn Van Maanen, 35 Mary Warner, 36 Jolene Pieper, 37 Sue Swalwell, 38 Ellen Bengston, 39 Melissa Fitzsimmons, 40 Elaine Kinney, 41 Julie Schlarmann, 42 Gladys Sanders, 43 Cathy Fiewegre, 44 Linda Peiffer, 45 Barb Wilford



Chamberlain





1 Greg Kosters, 2 Craig McEnany, 3 Brad DeSotel, 4 Steve Hugo, 5 Greg Anderson, 6 Dave Corns, 7 Doug Friedel, 8 Dave Domres, 9 Karl Kotz, 10 Mike Miller, 11 Brian Smith, 12 Mike Field, 13 Brad Beggs, 14 Richard Paris, 15 Dwight Cabalka, 16 Kevin Kane, 17 Mark Gannon, 18 Kevin Brimeyer, 19 Doug Buckman, 20 Andy Knoblauch, 21 Doug Webb, 22 Greg Peters, 23 Kieth Kruer, 24 Tom Bahning, 25 Scott Scheffel, 26 Dave Fardal, 27 Bill Gooden

Elwood



1 Frank Easton, 2 Ray Thom, 3 Ed Cook, 4 Craig Grant, 5 John Riches, 6 Tom Quealy, 7 Dale Penner, 8 Craig Borchardt, 9 Tom Vogt, 10 Paul Eberhast, 11 Mike Kutz, 12 Craig Bueltel, 13 Bob Sandison, 14 Mark Mulenbrook, 15 Don Schaffer, 16 Steve Untz, 17 John Grunder, 18 Dan Harms, 19 Jerry Lundgren, 20 Norm Lundquist, 21 Jeff Jewett, 22 Jeff Paar, 23 Ed Daily, 24 Marlin Binning, 25 Dave Pfetzer, 26 Bill Coppel, 27 Dave Robertson, 28 Kevin Wolfskill, 29 Dave Bierl, 30 Gordon Graber, 31 Mark Kness, 32 Bill Peden, 33 Mark Reichennauer, 34 Ken Sidey, 35 Tim Paslay, 36 Dale Grimmius, 37 Jerry Lamb, 38 Greg Davis, 39 Tim Smith, 40 John DeJong, 41 Mark Waggener, 42 Bob Wagner, 43 Phil Dyer, 44 John Chambers, 45 Tom Humpton, 46 Mark Woofter, 47 Dave Ozolins



Errington



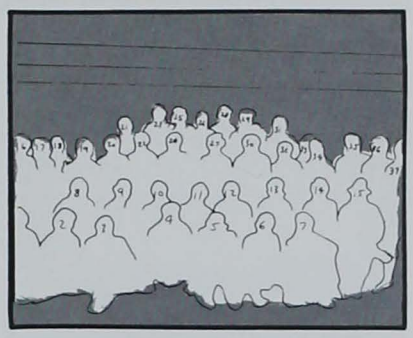


1 Dennis Erpelding, 2 Raun Hietoff, 3 Glenn Galloway, 4 Rachel Weintrob, 5 Todd Mattison, 6 Betsy Jacobson, 7 Claudie Lenart, 8 Cory Gillette, 9 Irene Stoss, 10 Marcia Elliott, 11 Janet Davidson, 12 Cathy Neal, 13 Dave Jepsen, 14 Nadia Vandergaast, 15 Terri Twedt, 16 Dennis Carpenter, 17 Brad Kurtz, 18 Sara Bailey, 19 Dave Lesch, 20 Mark Amundson, 21 Tom Murphy, 22 Mike Pahl, 23 Paula Brooks, 24 Tom Burford, 25 Glenn Stark, 26 Toni Peterson, 27 Greg Beck, 28 Ron Johnson, 29 Nancy Kruse, 30 Jim Macksey, 31 Connie Demski, 32 Lisa Vohoska, 33 Kathy Schleich, 34 Andy Dvorak, 35 Nancy Ballenger, 36 Kurt Kulow, 37 Valerie Burks, 38 Carol Hughes, 39 Joe Fleskes, 40 Kim Pralle

Foster

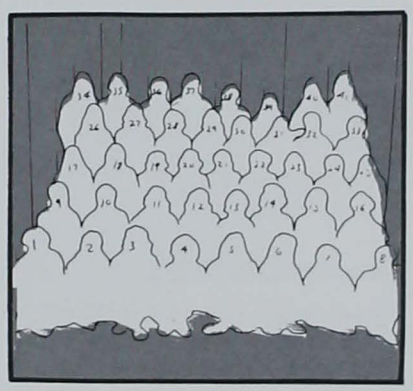


1 Steve Henkels, 2 Chris McMahon, 3 Michael Lyons, 4 Tom Hardin, 5 Paul Hanson, 6 Timm Davis, 7 Greg Grote, 8 Dennis Almquist, 9 Harold Manary, 10 Louis Mrla, 11 Kirk Mathison, 12 Chi Mahn Ha, 13 Bill Meier, 14 Steve Havlik, 15 Al Jones, 16 Kirk Hancock, 17 Abdelmadjid Siad, 18 Wade Johnson, 19 Hamid Nazerian, 20 Dave Lingreen, 21 Dan Scott, 22 Joel Lortentzen, 23 Pinhas Tamir, 24 Eric Larson, 25 Madjid Boubertakh, 26 Rip Engle, 27 Peter Dittmer, 28 Dennis Lamm, 29 Tim Kuntz, 30 Greg Anderson, 31 Chabane Kerrad, 32 Terry Hardekopf, 33 Phil Johnson, 34 Terry Novotny, 35 Al Sorensen, 36 Mark Hanson, 37 John Guthrey



Gwynne





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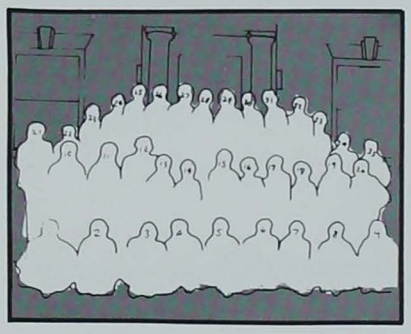
Harriman



1 Ron Brentnall, 2 Scott Taylor, 3 Ken Christensen, 4 Rick Masching, 5 Dave Bubke, 6 Byron Finch, 7 Dan Berkland, 8 Jim Wenzel, 9 Tom Burkgren, 10 Tom Jacobson, 11 Bill Hodgson, 12 Randy Ellison, 13 Dave Faassen, 14 Dana Wilson, 15 Mark Frederiksen, 16 John Lemen, 17 Scott Forster, 18 Curt Crouch, 19 Jeff Borgmeyer, 20 Jeff Douglass, 21 Dave Andersen, 22 Jim Disney, 23 Tom VanderLinden, 24 John Russell, 25 Dale Zimmerman, 26 Dave Felix, 27 Pat Hunt, 28 Jeff Aitchison, 29 Paul Black, 30 Darrell Sloth, 31 Gary Littauer, 32 Dave Fisher, 33 Greg Trost, 34 Rick Ruhl, 35 Roger Kessler



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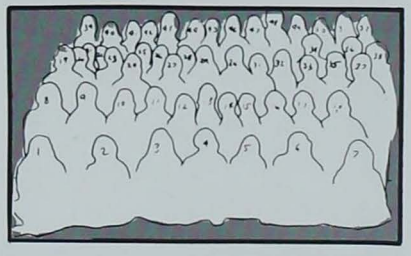



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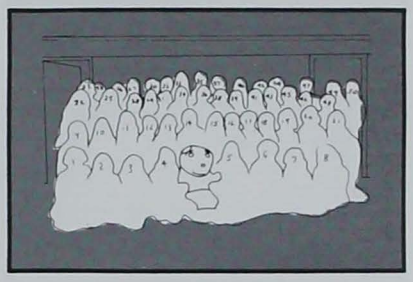
Hewitt



1 Molly Ferguson, 2 Connie Mason, 3 Polly Pope, 4 Angie Ray, 5 Jill Heuer, 6 Sally McDowell, 7 Jane Carney, 8 Ann Christy, 9 Jeni Pfaff, 10 Joan Kaliwashky, 11 Jill Grimm, 12 Beckie Stall, 13 Jami Krelle, 14 Nancy Gress, 15 Ann Parsons, 16 Janet Peterson, 17 Carmen Rydstrom, 18 Lisa Nelson, 19 Barb Williams, 20 Terry Buesing, 21 Cheryl Bourne, 22 Sue Moffitt, 23 Wendy Kropp, 24 Teresa Mahacek, 25 Beckie Frein, 26 Sue Porter, 27 Mitzi Blom, 28 Pat Barker, 29 Mary Elliot, 30 Jane Field, 31 Caren Jennings, 32 Paula Christensen, 33 Sharon Hauber, 34 Sally Yapp, 35 Marcia Montgomery, 36 Leslie Andersen, 37 Mary Beth Baudry, 38 Sue Lent, 39 Renee Andersen, 40 Lois Coenen, 41 Barb Cassens 42 Charlene Harding, 43 Tina Wirth, 44 Pam Ehlers, 45 Julie Barclay, 46 Sue Cochran, 47 Nancy Crow, 48 Lisa Cameron, 49 Diane Knight, 50 Kris Maigaard



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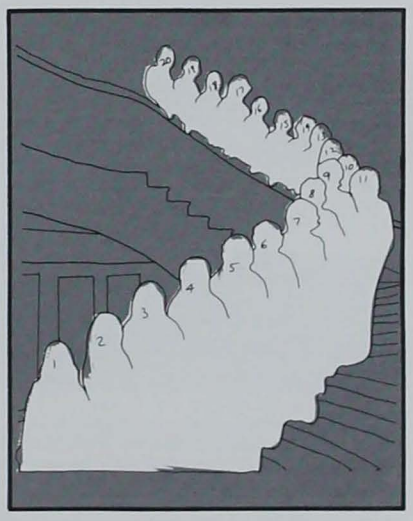

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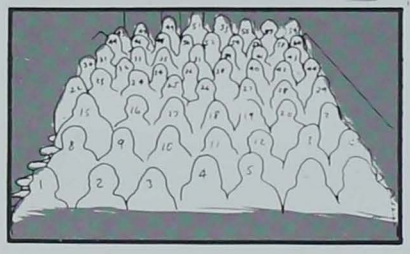
King

1 Kathy Madson, 2 Karin Swanson, 3 Nancy Parr, 4 Pat Ringgenberg, 5 Deb Bleile, 6 Toni Frederick, 7 Becky Williams, 8 Cathy Owen, 9 Julie Allender, 10 Terri Henze, 11 Sara Wyant, 12 Sally Skinner, 13 Julie Fynaardt, 14 Karen Christensen, 15 Dawn Landers, 16 Chris Stroberg, 17 Lettie Olmstead, 18 Michelle Brown, 19 Kelley Bateman, 20 Martha Paysen, 21 Mary Ann Schmitt, 22 Joan Anderson, 23 Liz Anderson, 24 Neva Troyer, 25 Lynne Miller, 26 Val Linder, 27 Kathy Grieb, 28 Mary Berns, 29 Kathy Thompkins, 30 Cindy Jennings, 31 Karen Stuedemann, 32 Lori Marten, 33 Steph DeBaere, 34 Kay DeWulf, 35 Leanne Kvindlog, 36 Lisa Zimmerman, 37 Cindy Altenhofen, 38 Karen Kuhlman, 39 Patti Leatherman, 40 Karla Killinger, 41 Linda Wenger, 42 Diann Spoerl, 43 Denise Bloom, 44 Laura Adams, 44 Betsy Folger, 45 Sandy Wilson, 46, Maria Martinez, 47 Martha Clark, 48 Andee Dorn, 49 Deb Goetsch, 50 Nancy Van Fleet, 51 Tammy Rueckert, 52 Katy Johnson, 53 Tina Long, 54 JoAnn Myers, 55 Mary Smith, 56 Barb Rannals, 57 Lori Haskins, 58 Julie Oltmann, 59 Kyle Scott, 60 Chris Secrist





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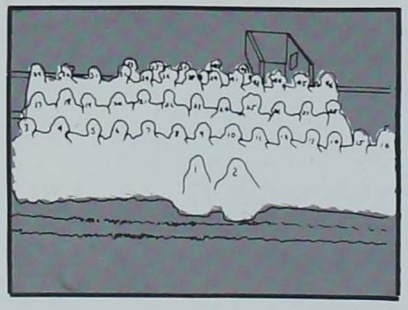

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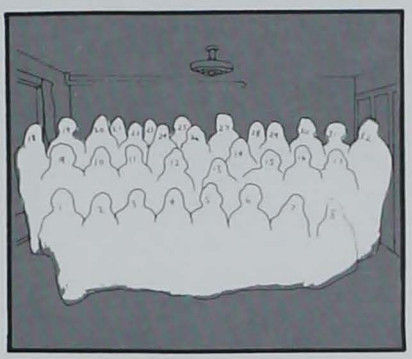
Lowe

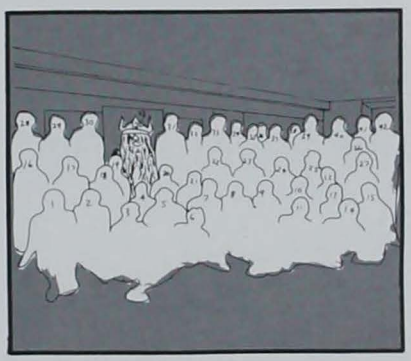


1 Jan VanEkeren, 2 Bobbie Lou Comstock, 3 Jan Shanks, 4 Natalie Boylan, 5 Brenda Phillips, 6 Tanya Neighbors, 7 Martha Heim, 8 Jean Dalporto, 9 Vicki Smith, 10 Teresa McGinnis, 11 Greta Budweg, 12 Elaine Huntsman, 13 Jenny Gehrig, 14 Kathy Olson, 15 Janet Cook, 16 Leanne Lundt, 17 Sue Saathoff, 18 Kim Walker, 19 Andy Schutzer, 20 Martha Jeffrey, 21 Anna Anderson, 22 Cindy Donald, 23 Cheryl Sunderland, 24 Rhonda Eddy, 25 Teresa Hatcher, 26 Vicki Strouth, 27 Jeaan Pruess, 28 Cindy Fullerton, 29 Jody Groos, 30 Cindy Baumann, 31 Francie McCarthy, 32 Julie Hennessy



Mashek





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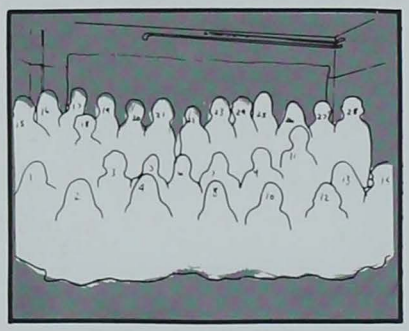
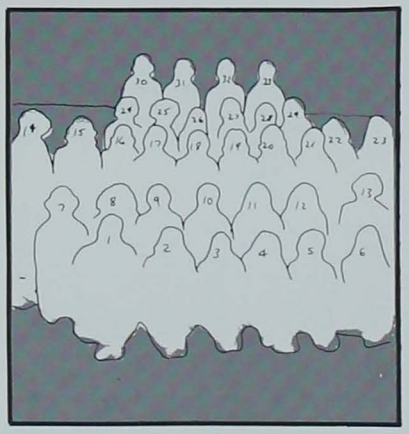
Murphy



1 Barb Powell, 2 Deb Knobbe, 3 Cindy Anderson, 4 Marcia King; 5 Lori Fisher, 6 Brenda Newgard, 7 Becky Peterson, 8 Marty Lichter, 9 Annette Schaeffer, 10 Pat Pitzer, 11 Kathy Buckner, 12 Nancy Fuller, 13 Jean Leng, 14 Emilie Evers, 15 Doreen Dailey, 16 Terri Tiller, 17 Julie Hollman, 18 Jan Simonsen, 19 Joann Schumacher, 20 Nancy Niles, 21 Susie Brimeyer, 22 June Kelm, 23 Jean Hippen, 24 Kelly Hudson, 25 Kae Mart, 26 Mic Kerwin, 27 Sarah Davis, 28 Kris Dostal



Nelson



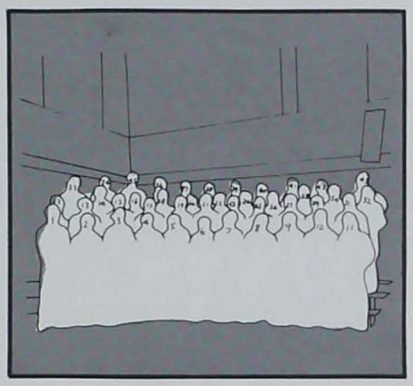


1 Jean Morrow, 2 Donna Peterson, 3 Joellyn Hesse, 4 Tani Maruyama, 5 Julia Jett, 6 Kathleen Stahwlak, 7 Doris Siverson, 8 Amy Zupan, 9 Melonie Triggs, 10 Dee Hannemann, 11 Deb Rinderknecht, 12 Anne Sheller, 13 Liz Noyes, 14 Chris Zenishek, 15 Lynn Hindman, 16 Heidy Peterson, 17 Monica Matt, 18 Virginia Hill, 19 Darla Maronn, 20 Sheryl Davison, 21 Joyce Suchsland, 22 Elise Miller, 23 Bonnie Zoet, 24 Cindy Hintz, 25 Judy Miller, 26 Julianne Jackson, 27 Ginny Conner, 28 Beth Ziesman, 29 Janet McIntee, 30 Nancy Henneuse, 31 Bonnie Mezger, 32 Jeri Shine, 33 Nancy Timlin

Niles

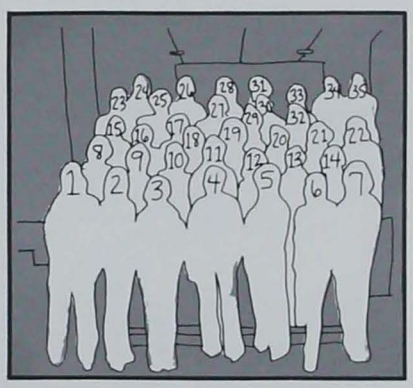


1 Tom Fox, 2 Tim Holman, 3 Tim Leuthauser, 4 Bruce Weisinger, 5 Russ Rolle, 6 Dave Brown, 7 Rick Fosse, 8 Tim Perlewitz, 9 George Najm, 10 Tom Brosius, 11 John Wolf, 12 Mark Blocker, 13 Steve Heyer, 14 Tom Weyrauch, 15 Randy Hemann, 16 Bruce Girouz, 17 Neil Ohms, 18 Bruce Campney, 19 Steve Atkins, 20 Yancy Bolden, 21 Ed Beaudry, 22 Mike Sikorksi, 23 Dan Verheul, 24 John Schaub, 25 Dan Flattery, 26 Ken Norton, 27 Brian Franz, 28 Dave Flattery, 29 Howard Hespen, 30 Rick Veenstra, 31 Mike Armstrong, 32 Neil Vangundy, 33 Ken Neyens, 34 Russ Albers, 35 Craig Olson, 36 Brad Nichols, 37 Dave Shultz, 38 Judd Sirotiak, 39 Scott Kratovil, 40 John Williams, 41 Bob Ownby, 42 Dave Hartmann, 43 Dick May



Nuckolls





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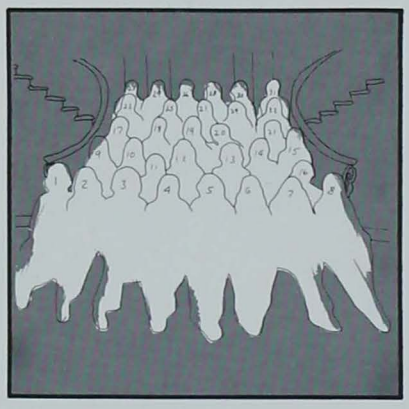



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Pennell



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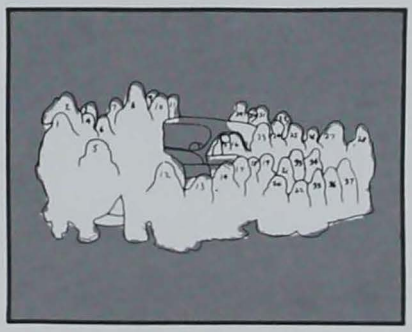

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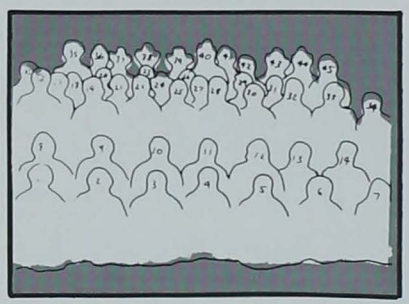



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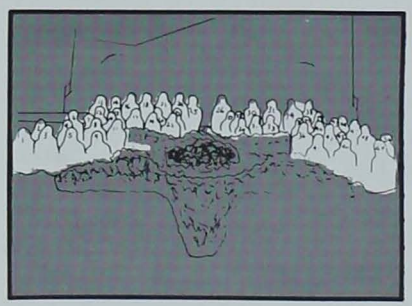

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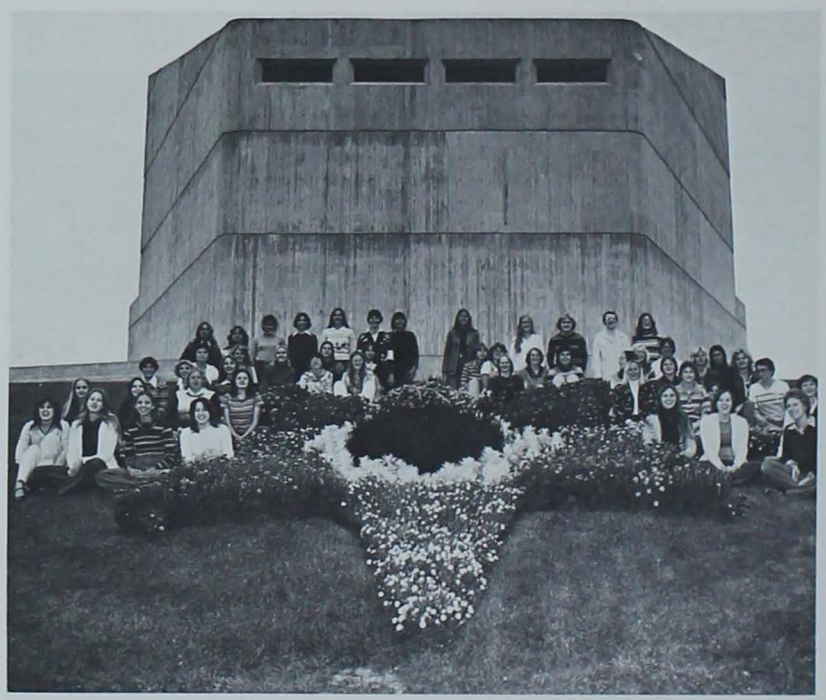

Sims



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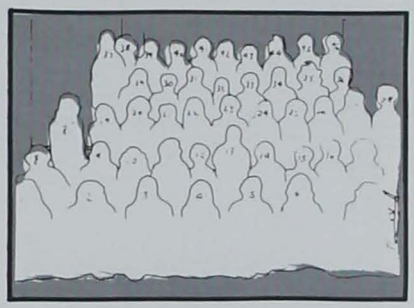

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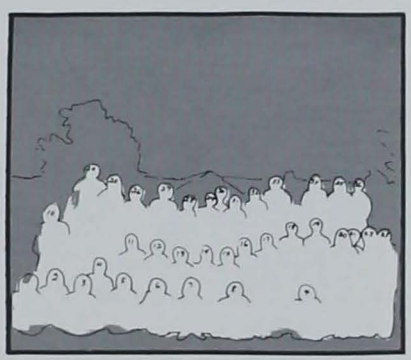

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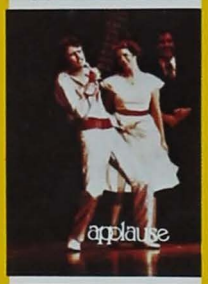
This page was originally intended for Tompkins and Wall's house pictures, but the photos were moved to page 456 in order to allow room for Lifestyles' credits.



Ted Lewiston

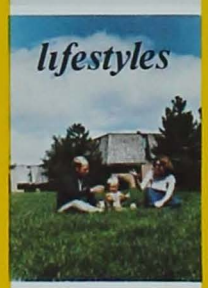




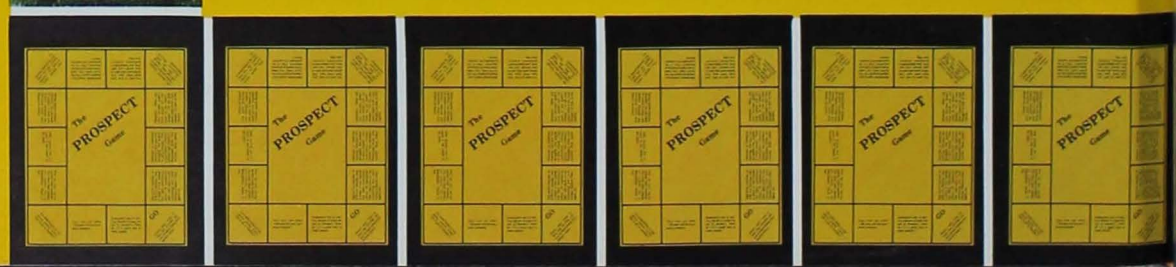








CAPTURE THE INSIDE STORY



The PROSPECT Game

GO

Senior year! Time to land that $12,000 job you've been telling your parents about.

Sign up for interview: At 6:00 a.m. Monday, take a place in line outside the S&H placement office. 78 signatures later, add yours to the remaining slot—with Kansas Popcorn Packagers, Inc.

Interview is tomorrow morning. Pull your first all-nighter this quarter to write resumé. "Past experience: chicken plucker, two summers. Newspaper stuffer, one summer. Bean walker . . ."

Questions: "What are your ten-year goals? How would you cut costs at our plant?" Answer: "I'm not sure what I want to do; I just thought I'd look at the options . . ."

On second thought, maybe you don't want a job right away. Sign up to take the GRE (Graduate Examination). Record

You were so bad, your flush letter says, that letters were also sent to your advisor, your parents, your department's placement director, your dog . . .

Beardshear rejects your degree program (for the fourth time). You need three credits of physical education. Plan to be graduated first summer session.

Your advisor recommends you change majors. Do not pass Go. Go directly home to cry.

You need money to pay spring quarter tuition. Get a job at Hardee's.

Your first job offer! "130-year-old life insurance company . . ."

Graduation day at last. You decide to keep the job at Hardee's. After all, it's a good way to meet people.

Pick up your spring quarter class scuedule. You have been alloted six credits. Go to Beardshear. Stand in line.

GRE scores are in; yours is the lowest in ten years.

Spring quarter preclassification: You still need 20 credits in math and science, because you declared math and physics as minors.

The Inside Story . . .

PROSPECT

Sure, you came to Iowa State "for an education." Your goals included the lofty one of becoming, in four years, a well-rounded, well-informed person with special capabilities in a certain area.

Whether the university has met this standard you set for it is not a question to be answered in this section. Because this section, for and about seniors, has as its purpose asking another question. It concerns the practical reason you came to Iowa State. It's a question you probably kicked around in the back of your mind for three years, but it suddenly fought its way to the front during your senior year.

What are your prospects of getting the job you want?

Prospect can't answer this question. What it can do is look—and look hard— at the processes of preparing and hunting for a job. It can break the question down into smaller parts:

•What are some of the college departments doing to get their students ready to enter the job market?

•What statistics can each college offer about the success it has had placing graduates? What explanations do placement officials give for the figures?

•What should the student do to make himself a desirable candidate for the job he wants? How does one prepare for an interview? What is an interview like? What questions are frequently asked? How should you answer some of the most common ones? What should you do with flush letters?

•What have individual students done to prepare themselves for a position? What are their plans?

Not just for seniors

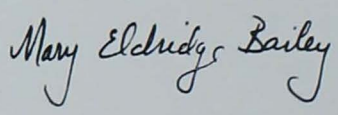
From the looks of these story ideas, maybe this section about seniors shouldn't be just for seniors, after all. Most of them are in their last quarter, and have already been through job interviews. Hopefully, they have been offered a position which will challenge and reward them.

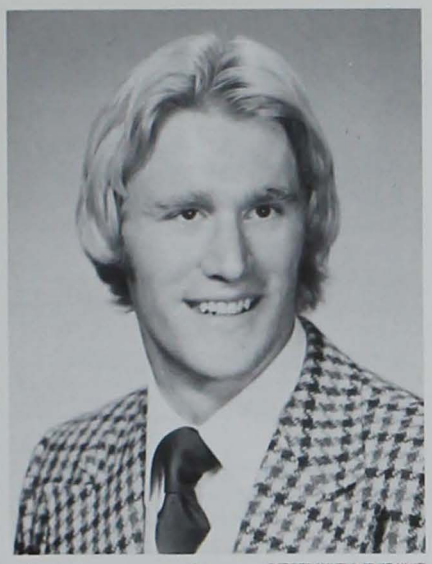
If we've painted an accurate picture of preparing and hunting for a job, then not only seniors, but all students, will benefit from our section.

As you flip through these pages, find yourself and your friends in the rows of mugshots. Read the profiles of some interesting seniors. But don't stop there. If you read the articles, maybe you can apply some of the information in them to yourself. Maybe they will help you approach your first interview with fewer reasons to be nervous, and more ideas on how to present yourself in a positive way. Maybe you'll learn something you didn't know about your college, and why all those courses were required. Maybe you'll find ideas and inspiration in the profiles of seniors who are doing something extra to prepare themselves for a job.

We hope you will.

-Mary Eldridge Bailey
Prospect Editor









Prospect

478 **Interviewing, tips**

Julie Muckler, industrial relations student, gives advice on interviewing. . . . Mary Eldridge Bailey.

480 **The new hired hand: a manager**

Agriculture Placement Director Bruene describes the qualities that make this job option workable. . . . Mary Eldridge Bailey. See also profiles of seniors Matt Craddock, Bob Lehman, Jeff Raun, Paula Russell, and Ron Sterk in this section.

499 **School heads want closed files**

Education Placement Director Howe advises future teachers to start a closed credentials file. . . . Mary Eldridge Bailey. Frances Lyon, elementary education major and music lover, is profiled in this section.

508 **Engineers are finding jobs**

Herb Harmison, engineering placement director, supports the general belief that engineers have it made in the job market. . . . Roz Whiton. Also read about engineering seniors Dan Bullen, Wendy Nelson, and Jim Robinson.

524 **Home ec. majors career-oriented**

Some home economics grads may be having trouble finding jobs because they're married and unable to relocate. But home ec. majors are here for careers, not husbands, according to Placement Director Meerdink. . . . Kathy Murphy. For examples, see the profiles of Jan and Joan Figgers and Debra Studer.

542 **Jobs for technical majors**

Business, technical, or quantitative fields are good to be in if you want a job in your major. But students can find jobs outside their major and still be happy, according to Placement Director Mann. . . . Patti Douglass. Also in this section, seniors Dalene Bubeck, Mary Beth Howe, J. K. Ross, Joan Knudsen, and Peggy Schelin describe the jobs that will make them happy.

568 **Good market continues for vets**

After the struggle just to get into the Veterinary Medicine College, and then a rigorous program, veterinary students can look forward to a good job market, according to Associate Dean Baker.

ACKNOWLEDGEMENTS

Editor, Mary Eldridge Bailey. Assistant editor, Lori Specht.

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Former interviewer gives

Put yourself in the place of the interviewer, and then look through his eyes at what you've got to offer.

Julie Muckler is able to do this, because she's been on both ends of the interviewing table.

Muckler, a grad student in industrial relations, was an interviewer for the government, and for John Deere & Company for more than two years.

The employment interview is becoming the deciding factor in the employee selection process, Muckler reported.

When a 30-minute experience can determine whether or not you'll have a job, knowing how to interview effectively is important.

"Do your homework before you get there," Muckler advised. "Know the number of employees, the organizational structure, financial status, products produced, and organizational functions.

The sources of company information include annual reports, informational brochures, local Chambers of Commerce and Better Business Bureaus, and personnel secretaries, Muckler said.

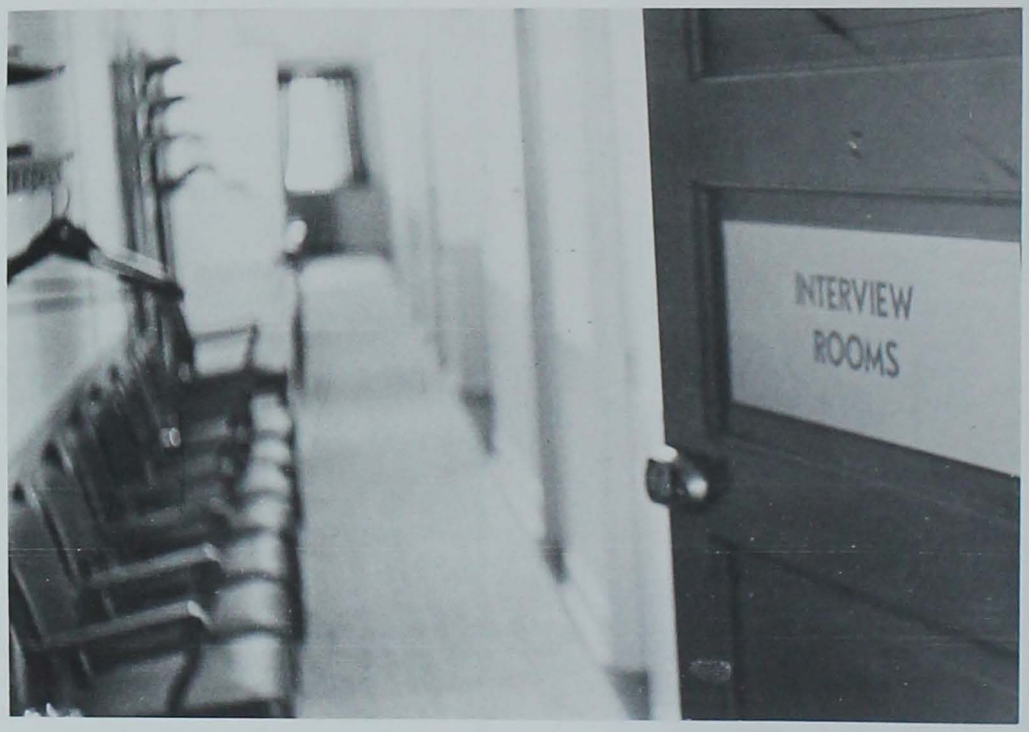
Personnel secretaries also may help a student come up with a reasonable figure when a company asks for salary requirements, Mann explained later.

"Secretaries will give out either nothing, or more than they should," she said.

Besides knowing the financial status and organizational hierarchy of the companyMuckler said, it's important to know the qualifications for the job that's open.

A big mistake is to apply for a job for which you're not qualified. It's like saying, "I don't know what in the heck this job does, but I can do anything," she said.

During the interview, "Do not lie



about your credentials," Muckler warned.

"Do not boast about accomplishments. Don't tell your whole life history. Do not dwell on personal problems."

"Answer questions thoroughly, but don't ramble," Muckler said.

"Prepare to explain why you have made past decisions, such as a change of majors. If you've dropped out of school for a while and the real reason isn't savory, come up with something better." Be honest, she said, but don't tell everything if it sounds too bad.

If two students are equally positive and friendly in the interview, and equally qualified for the job, the one who shows the company he can solve their problems has the advantage.

"The top companies are looking for problem solvers," Muckler said.

'Be prepared for questions'

Muckler suggested that students get a list of questions commonly asked, and role play for practice before interviewing.

Her list is printed in the *Bomb* on page 523. Other lists are available in pamphlets printed by large companies.

A New York Life Insurance booklet, "Making the Most of Your Job Interview" lists 80 questions reported by Frank S. Endicott, placement director at Northwestern University. Endicott compiled the list after surveying 92 companies.

In answering such questions, Muckler recommends, "Be concise."

"Add supplemental information when necessary to clarify statements or to explain qualifications. Relate experiences to the employer's needs. Show him you can solve his problems."

Sometimes personal questions, such as "How do you feel about your family?" are asked. The interviewing student should be ready for these, also.

And being ready includes knowing which questions can be legally asked, and which can't.

"No one has the right to ask you about your credit record, arrests and convictions (except for felonies), marital status, or physical handicaps."

If you object to a question, an appropriate answer is "I don't consider that an appropriate question for the purpose of this interview," Muckler said.

Muckler recommends sending a thank you note after the interview. Some companies, however, prefer to receive no unrequested correspondence. Most companies will leave the students with an address or phone number to make contact after a specified period of time, if he hasn't heard from the company.

But after the interview is over, there is more to be done than waiting for a letter.

"Personal evaluation is good follow-up'

After each interview, Muckler said, the student should evaluate his performance.

"Hundreds and hundreds of persons are eligible for each job," with the proper educational background, she said.

"Then the other things become important: attitude, manner and poise, personal goals, potential, outside activities, work experience."

After the interview these things should be noted, according to Muckler's list:

Was I relaxed?

Did I talk enough to present my credentials?

Did I present my credentials well?

Did I present a positive image of myself?

Did I relate my credentials to the employer's needs?

Did I act interested in the job opportunity and the company?

Did I look into the interviewer's eyes?

Did I ask job-related questions?

Did I answer questions directly?

How can I improve my performance?

The new hired hand: Management option for

"In the past, a lot of farmers have hired people for the 'strong back' kind of work. They really can't afford that type of person any more. You put a 'strong back' on a $25,000 piece of equipment . . . turn your back . . . and you're faced with a $1,000 repair bill."

Roger Bruene, placement director for the College of Agriculture, said some farmers are coming to Iowa State to interview for a new kind of hired hand: an agriculture graduate, with a reasonably strong back, who also has knowledge of machinery or livestock management.

The key word is management. Bruene said the typical Iowa State agriculture graduate is ready to take charge, and the arrangement is much more likely to work when that's what the farmer is looking for.

Sometimes an older farmer, usually over 55, will come to campus to interview. "His thinking," Bruene said, "is 'I'm getting tired, but I don't want the boat rocked. Basically, what I want is a well-paid strong back."

This combination—of a farmer who still wants to run the operation, and a graduate who wants responsibility—is likely to fail, Bruene said. From his experience in placing these graduates, Bruene has listed a set of criteria that, although not essential, if met make the arrangement more likely to succeed.

EDUCATION. "I'm always a lot more comfortable with farmers who have had a college exposure," he said. "Another farmer may expect too much, and the college graduate becomes a threat. But college doesn't offer hands-on experience, for example, with a certain line of equipment." The most desirable employer, Bruene said, is an ISU grad himself.

SKILL. A farmer with a successful, growing operation often makes a good employer, Bruene said. The farmer who is in the top 20 percent of Iowa farmers, and intends to stay there, is more likely to be willing to allocate some management responsibility. "What they're looking for is someone to backup their management skills."

DIVERSIFIED ENTERPRISE. "If a hog man hires another hog man, they'll fight," Bruene said. "But suppose an Iowa farmer has a hog, cattle, and crop operation. He may be thinking, 'I love my crops. I want somebody who can come in and take care of the hogs.' " A graduate who is highly interested in hogs, and someday would like to have his own operation, might work out well with the farmer.

AGE. Young farmers seem to be the best to work for, he said.

But even when all these criteria are met, there's still a good chance of failure in this situation. "It's the hardest job to fill" for the placement director, Bruene said, "because you're matching two people one-on-one, in a day-to-day work experience. If they don't get along, you're dead."

Ag. majors

The interviewing process is also problem-prone. "The Iowa farmer is not a trained interviewer," Bruene explained. "It makes it extremely difficult."

He suggests students considering a job with a farmer spend a weekend or Christmas vacation with the farmer before accepting a job offer. The ideal way to learn about each other is for the student to spend the summer before his senior year on the farm.

"The young person needs to find out as much as possible about the farmer," Bruene said. I've suggested to students that farmers ought to be able to give some references for themselves."

Bruene is trying to get the interviewing farmers to write job descriptions, as a company would, to spell out what is expected.

Living on a farm, working for one man, is a lot different from many agricultural jobs, in industry or government services. The turnover rate can't be easily compared with other jobs, because of the relatively small number of grads who go this route.

"But the difference between this and other jobs is the turnover rate is *sooner*—you will know in three months whether it will work," Bruene said.

by *Mary Eldridge Bailey*

Agriculture majors

A E	Agricultural Engineering
A ECL	Animal Ecology
AES	Agricultural Engineering Special
AG	Agriculture Undeclared
AG B	Agricultural Business
AG EC	Agricultural Economics
AG ED	Agricultural Education
AG JL	Agricultural Journalism
AG M	Agricultural Mechanization
AGRON	Agronomy
AG S	Agriculture Special
AN S	Animal Science
ANSPV	Animal Science (Pre-Vet)
BCHEM	Biochemistry
BIOM	Biometry
BPHYS	Biophysics
DY S	Dairy Science
DYSPV	Dairy Science (Pre-Vet)
ENT	Entomology
F BIO	Fisheries Biology
F OP	Farm Operation
F OPW	Farm Operation, winter quarter
FOR	Forestry
FOR M	Forest Management
FOR P	Forest Products
FORRE	Forest Recreation
F TCH	Food Technology
F W B	Fisheries and Wildlife Biology
G & P	Geodesy and Photogrammetry
GEN	Genetics
HORT	Horticulture
I AG	International Agriculture
L A	Landscape Architecture
P M	Pest Management
PL P	Plant Pathology
P S A	Public Service and Administration in Agriculture
P VET	Preparation for Veterinary Medicine
T RP	Town & Regional Planning
UR PL	Urban Planning
W BIO	Wildlife Biology



Brian Abele, AG ED
Scott Adair, F OP
Gene Aldrich, F OP



John Anderson, AG ED
Larry Anderson, AN S
Neal Anderson, DY S



Suzan Apaydin, AN S
Mark Armstrong, AG ED
Edward Arp, L A



John Arthur, AG M
Sherry Bachman, L A
Debra Bacon, AN S
Gene Badtram, AN S



Carol Bakkum, P S A
Curtis Barclay, AG ED
James Barker, F OP AG ED
James Barrett, AGRON FTCH



Bruce Barringer, AG B
Jeffrey Barta, AG B
Patrick Bauer, AN S
Anne Beard, UR PL
Alan Beck, F TCH

Kathleen Beilke, HORT
Merritt Benson, AG JL
William Berg, AG B
Gary Biederman, F W B
David Bierl, F W B

Thomas Bockhaus, ENT
Duane Borcherding, AN S F OP
James Borel, AG B
David Bosma, AN S
Karen Boss, F TCH

Paula Bramel, AGRON
John Brannaman, AN S
Peter Brantner, F OP
Thomas Brinkman, UR PL
Joey Broders, AN S

Dennis Brown, HORT
Karen Brownlee, HORT P M
Lisa Brune, HORT
John Buchanan, AGRON
Kerry Buchmayer, AN S

Dean Buck, AN S
Karen Bumann, AGRON
Thomas Bylund, F W B
Thomas Byrne, L A
James Cannon, AG ED

Agriculture

The inside story:

Matt Craddock



Matt Craddock graduated winter quarter with a degree in outdoor recreational resource management. His work experience included timber and rangeland inventory, stand improvement, and fighting forest and range fires. A native of Bettendorf, he is shown in his room at the Delta Sig house.

Matt Craddock's degree program included 11 months of work in national forests and rangelands.

Matt started with a major in forestry, but soon switched to outdoor recreational resource management.

For a Bachelor of Arts the forestry department requires either six months work experience in forestry or three months of summer camp at Missoula, Montana. Matt chose to work.

Each year the department receives requests for job applicants from forests with manpower shortages. From these requests Professor Bensend got jobs for Craddock and two other ISU students in Medicine Bow National Forest, Laramie, Wyoming, for the summer of 1975. Matt spent part of his summer there, working with timber inventory and stand improvement.

The next year he sent out applications and landed a job with the Bureau of Land Management, taking rangeland inventory for cattle grazing and working with a state emergency fire crew.

In 1977 Craddock received 14 summer job offers from the 26 applications he sent out. The offers came from the National Park Service, U.S. Forest Service, and various state offices of the Bureau of Land Management.

The job he took was in Lakeview, Oregon, where he was part of an initial attack unit using a helicopter for firefighting.

"We'd control it until pumper crews arrived, then return to the station to wait for another call." The crew was laid off after five months when heavy snows caused the end of the forest fire season.

Then he turned to Ames to complete his final quarter, winter 77-78. Although he sent out 35 applications, he had not received any responses when February arrived. "I'm positive I can get a nine-month job until December," he said. "I will have some pretty good leads or a definite permanent job by then."

In the meantime, he planned to take the Professional Administration Career Exam (PACE) in April to qualify for federal jobs.

"All my employers have been telling me my job experience is more important than graduating with a four-point and no experience," he said. "Hiring is more and more based on technical skills. They'll always have people with brain power, but they need people with both intelligence and experience."

Craddock said extra-curricular activities have also been helpful. Being on the hockey team, for example, helped him land the fire-fighting job.

by Ted Lewiston



William Carlson, L A
James Carpenter, L A
Kimberly Car, F TCH
Vicki Chandler, AG JL
James Christensen, F OP

Kenneth Christensen, F W B
Roger Claypool, AG B
Michael Clayton, UR PL ECON
Michael Cloughesy, FOR
Raymond Colgrove, AGRON



Bette Colville, HORT
Richard Colwell, AGRON
Laurie Conley, P S A
David Curry, AG B
John Daly, AN S

Mark Daniels, AG B
William Daters, AG B
Daniel Daugherty, F OP
R. Scott Davidson, F OP
Bruce Dean, AG B

Richard DeBuse, UR PL
Joseph Degnan, AG JL
Guy Devore, AG B
Gary DeVries, AG ED
Ellen Dierenfeld, AN S

James Disney, F OP
Peter Dittmer, F OP
Keith Dohrmann, A ECL
Dennis Donnelly, AG B
William Drury, F OP

Steven Dudding, AG ED
Richard Dunshee, F W B
James Eaton, AG B
Matthew Eccles, L A
Gail Edington, F W B

Alan Eisinger, UR PL
Robbie Fahnlander, AG B
Carolyn Fairbrother, AN S
Susan Farrow, AN S
James Fawcett, AGRON

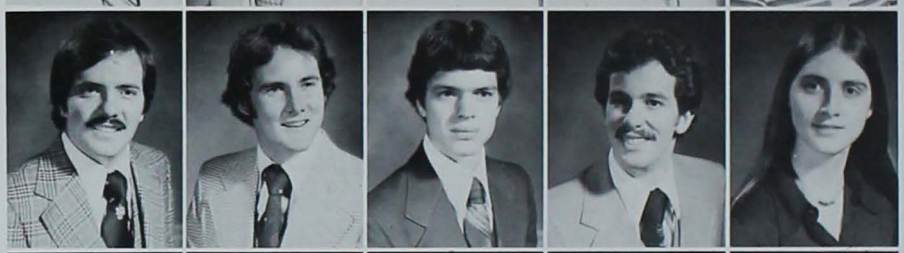
Agriculture



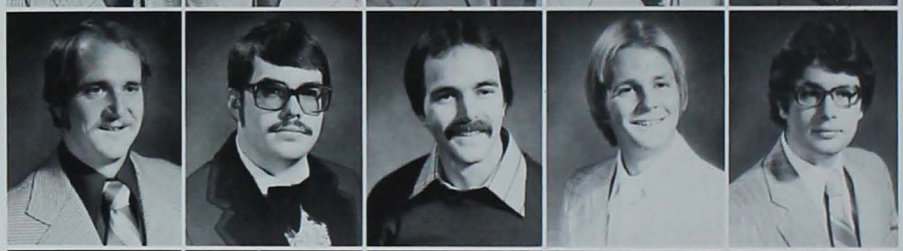
Jeff Fiagle, L A
Byron Finch, AG ED
Patricia Finck, AN S
Mark Fischer, AN S
Jerrol Fisher, HORT ENT



Terrence Flattery, AG M
Kim Flenker, AN S
Gregory Forster, AG B
Charles Frescoln, F OP
Diana Frick, DY S



Daniel Frieberg, AG ED
Timothy Gannon, FOR
Brian Garrels, AN S
Randall Gear, UR PL
Laura Geering, ENT



George Gleckler, F OP
Mark Glotfelty, AN S
Gregg Godfrey, L A
Roger Goettsch, HORT
Rodney Goodall, AN S



Tim Gough, UR PL
Catherine Graettinger, AGRON
Wendell Graham, L A
Michael Grandgeorge, AN S
James Green, AG ED



Patrick Grummer, AN S
Grant Gustafson, AN S
Michael Hagerty, AN S
Thomas Hall, AG B
Mary Hampton, F TCH



Beverly Hansen, AG B
Gary Hansen, AN S
Edward Hanson, F OP
Gaylen Harken, AGRON
Christy Harrison, AG ED

Rose Harrold, DY S
David Hassebrock, AN S
Rosemary Haver, HORT
Galen Hayes, AN S
Susanne Hayes, P S A JLMC

Steven Hefflefinger, AG B
Timothy Heldt, AG B
Larry Helling, AG B
William Herbold, F OP
Galen Herr, AG B

Craig Hetrick, AN S
Brian Heuer, FOR
Lance Heuer, F OP
Scott Hewitt, F TCH
Patty Hicks, HORT

Jeff Hiedeman, FOR
Stephen Hillman, AG B
Scott Hinz, HORT
Gary Hoard, PL P
Kevin Hohbach, AG B

Muriel Hohl, HORT
Chris Holck, F OP
Julie Holland, UR PL
William Holloway, AG B
Harold Hommes, AG ED

Agriculture



Dana Hotz, F OP
Robert Houseman, FOR
Alice Hoyt, HORT
Kenneth Hull, L A
Larry Hulse, UR PL

David Hummel, F OP
Ronald Hunt, AN S
Michael Hunter, AG B
Anne Hurlburt, UR PL
Paul Huser, F OP

Marybeth Hutchinson, HORT
Steven Ites, AN S
Debra Jacobs, F TCH
Steve Jansen, F OP AN S
Anthony Janssen, F OP

Dale Jergensen, BIOM
Anthony Joehl, AG B
Barry Johnson, AN S
David Johnson FOR
Jay Johnson, AG B

Lawrence Johnson, O REC
Paul Johnon, AG ED
Roger Johnson, F OP
Steven Johnson, AG ED
Ramona Jolliffe, AGRON

Jeff Jones, F W B
Bruce Jordan, F OP
David Julius, AN S F OP
Marilyn Kacena, F W B
Kim Kadolph, AN S

The inside story:

Dairy science field broad



As long as there are cows, Bob Lehmann says, there will be a need for dairy science majors. A fan of sports and classical music, he was president of Delta Sigma Phi two years.

Bob Lehmann, a "farm boy" from Farley, Iowa, has been a dairy science major throughout his college career at ISU. Besides the basic course program, he has taken "lots of economics, agronomy, and other electives" to broaden his career possibilities.

Lehmann worked on a dairy farm in South Carolina during the summer of 1977. Set up through the dairy science department, the experience was good "professionally and socially," he said.

Bob was interviewing, and planned to continue with interviews spring quarter. He was looking into such varied areas as grain merchandising country elevator management, and handling farm loans for banks.

"I'm keeping my options right now, but will narrow it down spring quarter to one or the other—either business or farming."

Lehmann said he would like to be self-employed eventually.

Lehmann said he anticipates no problems in finding meaningful employment, because the dairy science program is "pretty broad-based. The degree doesn't tie me to one thing or another. There will be a demand for dairy sciene as long as there are dairy cows."

by Ted Lewiston



William Kahler, AB B
William Kajewski, AG M
Paul Kassel, AGRON
John Kastler, DY S
John Kaufman, L A

Susan Kelly, L A
Sally Kennedy, AN S
Ben Kern, F OP
Robert Killpack, P S A
Martha Kimpston, AGRON

Agriculture



Marcia King, AN S
Richard King, A ECL
Jeffrey Klein, UR PL
Shirley Klinsky, AN S
Cecelia Kloewer, AN S



Bruce Knoke, F OP
Michael Koob, F W B
Denise Koss, DY S
Bruce Kramer, F OP AG ED
Kyle Krebs, O REC SOC



Gary Kregel, DY S
Katherine Kremer, P S A
Martin Krogman, DY S
Neil Krummel, A ECL P M
James Kubichek, HORT



Mark La Follette, DYSPV
Ric Lantz, L A
Gary Larsen, F OP
Phillip Larson, AGRON
Kent Lauterwasser, AG B



Anthony Lea, AG ED
Robert Lehmann, DY S
Stewart Lewis, AG B
Jerry Lierow, F W B
Mark Lieurance, FOR



Eric Linge, F OP
Mark Lovik, F OP
Kurt Loving, AGRON
Clarence Loynachan, AN S
Pamela Luhring, F OP



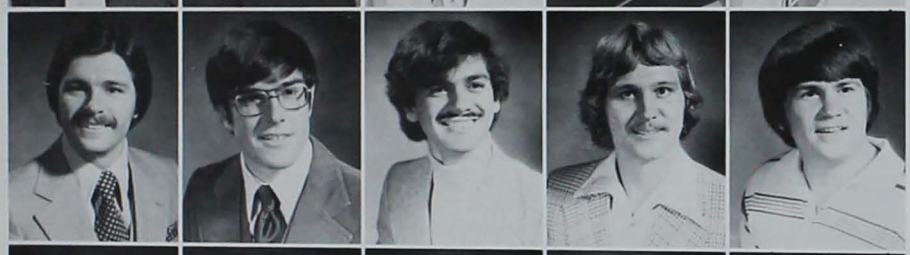
Mark Lumry, L A
Anthony Mahan, F W B
Michael Manderscheid, F W B
Kathy Manternach, AG B
Mark Masteller, L A



David Maubach, AG B
Lynne Maylahn, DY S
Jeff McCabe, L A
Teresa McCoy, FOR
Jeffrey McDonough, AG B



Gerald McGee, HORT
Kathleen McGowna, F TCH
Murray McKee, F OP
Beverly Meade, AN S
Patrick Meier, AG ED



Raymond Meister, AG B AG ED
Randal Merchant, AG ED
Karo Mikaelian, AN S
Clint Miller, AG ED
Douglas Miller, HORT



Douglas Miller, L A
Michael Miller, F OP
Michael Milota, FOR
Steven Mishler, ENT
Randall Moench, F OP



Dean Moenck, AG B
Denise Moffitt, AG B
Brian Mohr, AG B
Richard Mohr, F W B
Michael Monson, AG B

Agriculture

The inside story:

Organized approach brings Raun job offers



Jeff Raun, agricultural business major, decided to run for senior class president for the opportunity to work with the Student Alumni Association and with alumni. He applied his organization skills to his job search, too, with positive results: job offers.

Interviewing tips, consumer credit and financing, contracts, and insurance were the topics of four senior class seminars held during Jeff Raun's tenure as class president.

ISU alumni spoke at the educational meetings, which offered free to seniors to help them make decisions after graduation.

Raun said he initiated this program because of his concern that the organization and programs of the senior needed revision.

The fund-raising goal for the class was $78,000, to be used for adding a listening room to the library.

Raun, an agricultural business major, also organized a systematic method to find a job. He began by dividing his areas of job interest into categories.

The categories included agricultural public relations, agricultural sales management, agricultural sales management, agricultural finance, and a general group of real estate, farmland management and consultation management.

He said he is interested in all of these areas, and will choose a job from the best offers.

He said he had received offers from some of the thirteen companies he chose to interview with.

Raun praised the agriculture placement office as one of the greatest helps in finding a job, because of the large number of companies they arrange with to interview on campus.

by Jeanne Handorf



James Moore, F OP
Neil Morgan, AG B
Marvin Mortensen, AG B
Sandra Moyer, AN S
John Mueller, AG B

Gary Muhlbauer, F OP
James Murphy, L A
Roger Nailor PSA AN S
Douglas Nath, AG B
Scott Neff, AG B



Frederick Nelson, AN S AG B
Scott Nelson, AG M
Clay Norman, F OP
Randall Olive, F OP
Karen Olson, O REC

Kurt Olson, AG B
James Orr, AGRON P M
Jeffrey Otto, AN S
Gary Owens, AN S
Steve Pappaducas, AN S

Richard Paris, FOR
Debra Pelkey, L A
Teresa Pell, AN S
Steven Peters, AN S
Dennis Petersen, F OP

Garth Petersen, F OP
Jess Peterson, AG ED
Ross Peterson, HORT
Glen Pickus, UR PL
Melia Pierce, HORT

James Pippert, F OP
Steven Pittman, AN S
Debra Polcyn, F TCH
Douglas Pooch, AG ED
Gregory Presto, L A

Walter Putnam, F W B
Corey Rabe, F OP
Carmen Rahe, AG B
Robert Raleigh, AN S
Carlton Randall, L A

Agriculture

The inside story:

Russel experiences meats lab



The woman behind the meat counter is animal science major Paula Russell. Her experience working at the meats lab is a plus in finding a job, she said.

Cutting, wrapping, loading and selling meat at the IUS meats lab are jobs of Paula Russell, animal science major. Russell also helps make specialty items, such as bratwurst and summer sausage.

This job, plus the programs of the agriculture placement office, Russell said, are aids in the hunt for a job.

Her plans are to start as a salesman for a large packing plant, dealing with grocery store chains. After gaining experience in sales, Russell said, she hopes to go into personnel management.

The placement office, she said helped her greatly in locating job opportunities. "The office does an outstanding job in placing persons in a job within one year."

Along with arranging interviews, the placement service provides counseling and names of business to write to inquire about available jobs.

A possible drawback in her search, she said, is the state of the agriculture economy. Packers may not have money available to hire new employees.

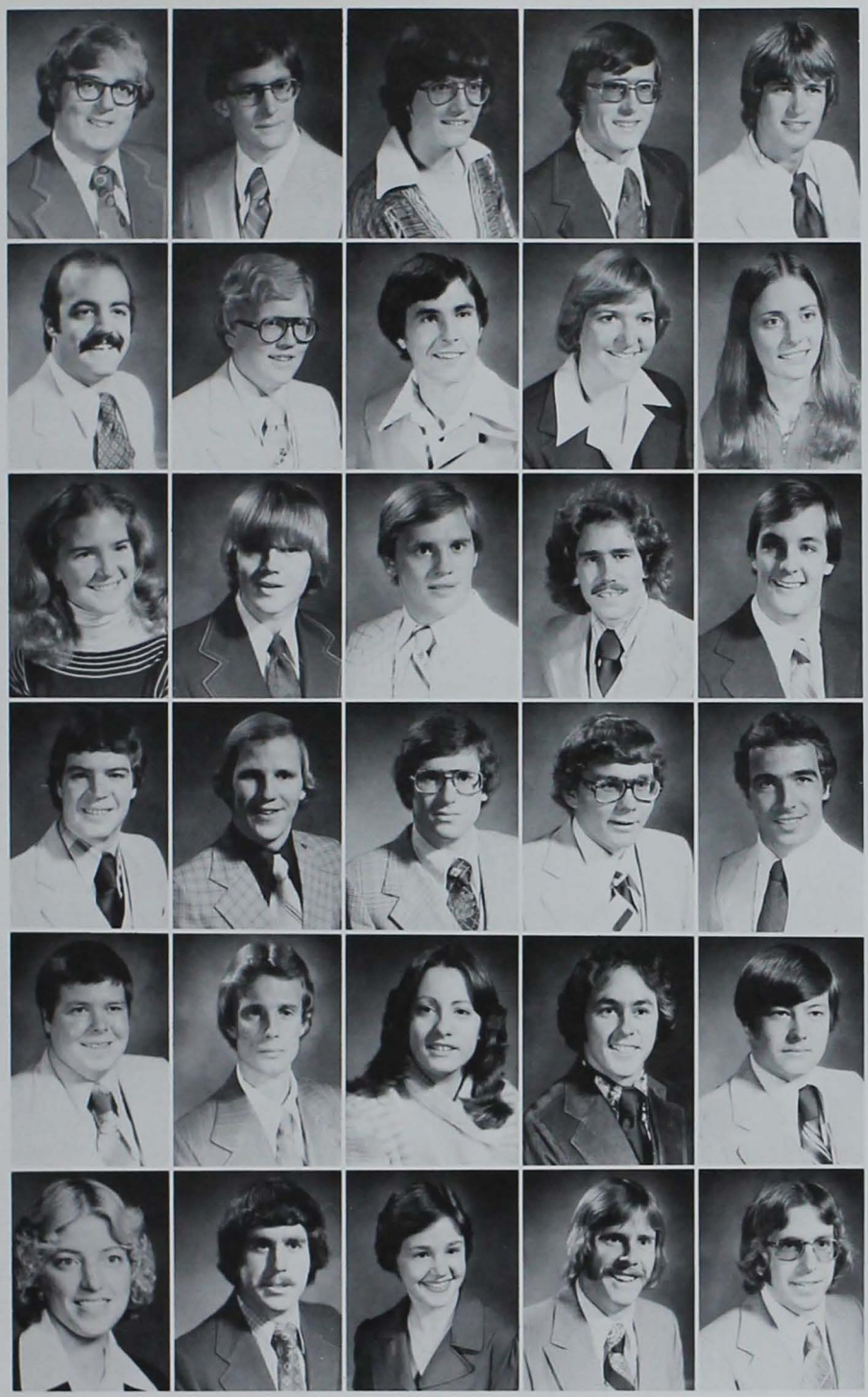
To deal with this problem, she also is looking at public relations and sales opportunities with agricultural plants that do not handle meat. She said her overall chance of obtaining a job in one of these areas is good, but depends on how hard she pushes herself.

by Jeanne Handorf



Frederic Rasmussen, AG B
Jeffery Raun, AG B
Rodger Reinhart, AG B P S A
Randall Renze, AG B
Scott Renze, F OP

Richard Rice, F W B
Raymond Ringgenberg AG B
Kevin Ripperger, AN S
Stephen Ritter, HORT
Donald Rittscher, AG B



Thomas Robel, AN S AG B
Tom Robinson, AN S
Mary Ann Rockrohr, HORT
David Rodas, BIOM AN S
Michael Rollinson, L A

Joseph Romano, O REC
Randal Rosenboom, AN S
Tom Royer, F W B
Paula Russell, AN S
Nancy Rutherford, HORT BOT

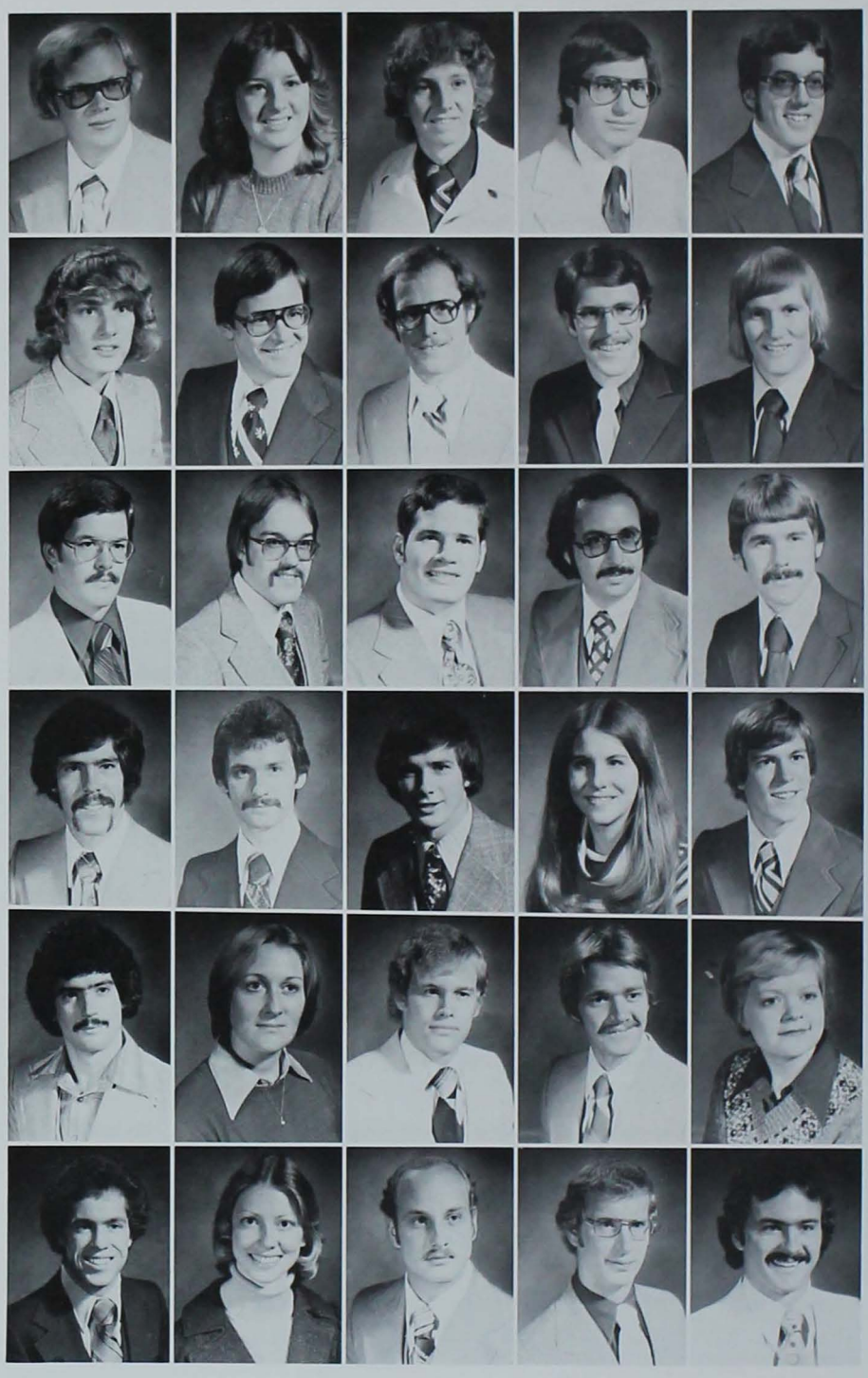
Margaret Ryherd, F W B
Dennis Sande, FOR
Scott Sanders, AG B
Paul Sandholm, AN S
Stephen Sandman, AG ED

Jon Sayers, P S A
Joseph Scallon, AG ED
Eric Schatz, FOR
Allen Schinckel, AN S
Brian Schmidt, F OP

John Schneider, F OP
David Schramm, FOR
Diane Schroeder, F W B
Joseph Schuller, AG B
Dennis Schultz, F W B P M

Sharon Schwendemann, L A AA ID
Donald Sedlacek, AN S
Carol Selvig, F TCH
Bruce Siefken, FOR
Dale Sigmund, F OP

Agriculture



Darrell Sloth, AG B
Cheryl Smith, F TCH
Roger Smith, F OP
Steve Sornson, AN S
Christopher Spangler, DY S

Duane Spear, F OP
Samuel Spellman, AG B
David Stamp, AG B
Michael Standley, AN S
Stephen Stanton, AG B

Timothy Stearns, F OP
Darwin Steffensen, AG M
David Stephen, F OP
Ronald Sterk, AG JL
Michael Stineman, L A

Robert Stout, F OP
Matthias Strilbyckij, AN S
Robert Strohbehn, AGRON
Julie Strotman, A ECL
Kelly Summy, AG B

Brent Sunderman, AN S
Mary Sutton, AN S
Jack Tank, AN S
John Tenold, F OP
Jane Terrill, AN S

James Tobin, AG ED
Carol Todd, AN S
David Tonsfeldt, AN S
Timothy Trettin, F OP
Darryl Triplett, AN S

The inside story:

Sterk gets early start on career

Daily agriculture editor Ron Sterk has also been assistant editor of the *Iowa Agriculturist*, advertising production manager of the *Daily*, Ag Council member for two years, and journalism search committee member for one.

Sterk says of his experiences on the publications, "I learned how to do interviews and write, but there was the pressure of putting in over twenty hours a week on the publication, plus being a full-time student. It's unreal. My real experience came from summer internships." Ron was summer editor of the Cedar Rapids *Gazette* for two years.

He prefers magazine writing to newspaper work, he said, and plans a career as a reporter for a national farm publication.

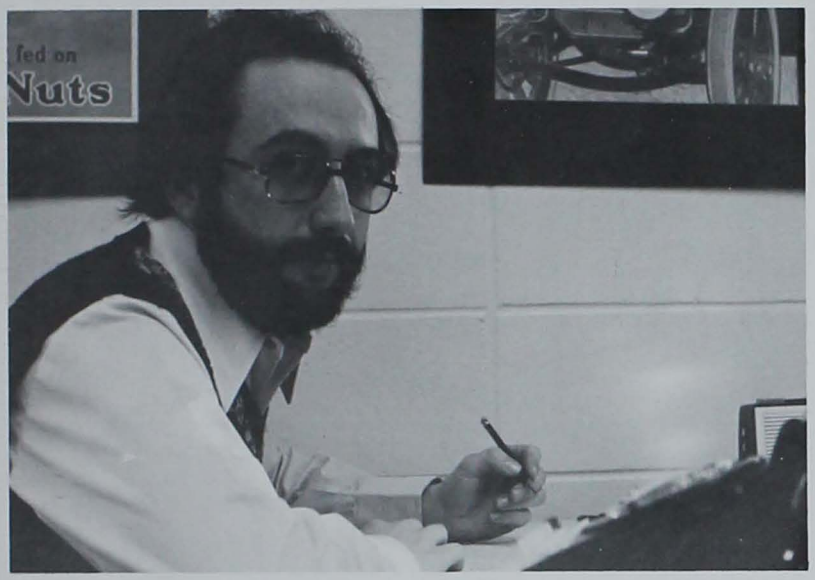
The position of agriculture editor of the *Daily* was created this year, Sterk said, because it was felt that agricultural events of national importance should be covered at one of the mot important agricultural colleges in the world.

Officials were afraid at first, he said, that the idea would result in each college demanding its own editor. Instead of causing problems, though, the plan has worked well. Sterk has dealt with such issues as the national farm strike and wrote a three-part series on agriculture pesticides.

The journalism department, he said, "is good in the respect that it is small and located in one building. Professors are easily available for counsel."

He is skeptical, however, of some of the department's curriculum requirements, and wishes that agricultural journalism courses were once again offered.

by Nancy Carver



Ron Sterk, agriculture editor of the Iowa State *Daily*, cautions future journalists that they need the experience of working for campus publications.



Dan Tronchetti, AG B
Gerald Turnbull, AN S
Richard Turpen, FOR
Graham Vance, F OP
Chris Vanderholm, AG M

C. Evan Varley, AG B
Norman Voelker, DY S
Gregory Vogel, AG B
Mark Vogt, AGRON
Larry Vold, F OP AG ED

Agriculture

James Vonasek, AG B
David Walser, AG B
David Walsh, FOR
Gary Walters, AGRON
Eugene Walton, L A

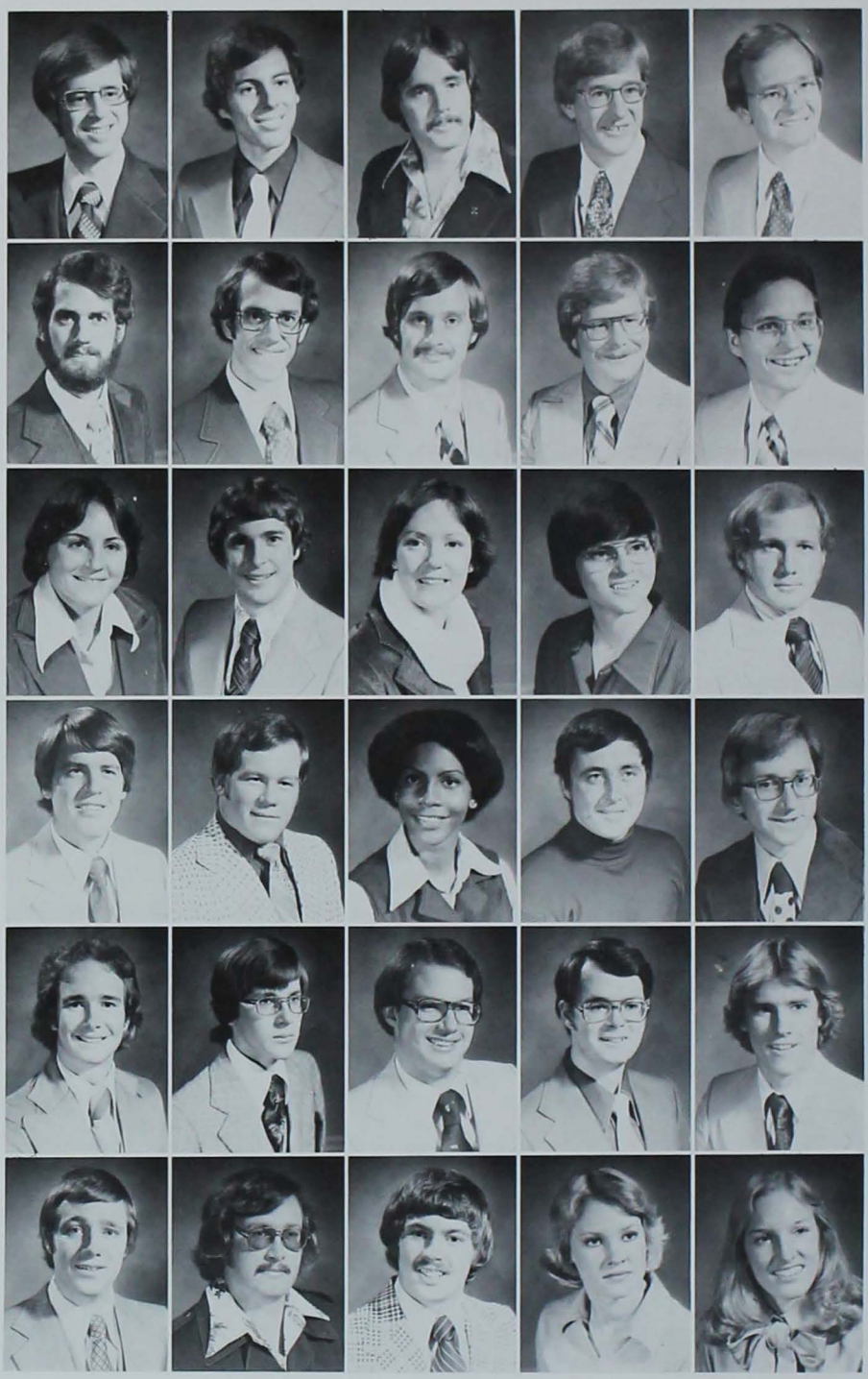
M. Keith Walton, FOR I ST
Vance Ward, AG B
Bruce Weaver, AG ED
Jon Weintz, FOR
Jeffrey Wesinger, AG B

Lois Welter, AN S
David Wetzel, AG B
Martha Whalen, AN S
Diana Whipple, AN S
John Whitaker, AN S

Bruce Williams, F OP
David Williamson, AN S
Deborah Wilson, DY S
Marvin Wittrock, AN S
Robert Woessner, F OP

James Wolterman, L A
Brian Woolley, F TCH
Dennis Worden, DY S
Gary Wyatt, AG ED
Ben Yeager, F W B

Charles Young, AGRON
Steven Zaruba, AG ED
Jack Zern, AG B
Leslie Zilles, AN S
Susan Zurborg, F TCH



Agriculture

Prefer 'closed' files for teachers

"Whenever I see an 'open' credentials file, I always wonder what the applicant has to hide."

This comment from the superintendent of a small Iowa school is typical. School officials who interview applicants for teaching positions prefer files that cannot be read by the prospective teacher.

Many assume that those persons writing the letters of reference are less apt to be honest about the prospective teacher's faults, if he himself has the opportunity to read them.

Because of this, education placement director Trevor Howe recommends to students to choose closed files.

Before 1974 all teachers' credentials files were closed. Now that there is an option, files that were begun before the change in privacy law can be opened, but all the confidentially written references have to be destroyed.

In studies made since 1974, Howe said, most personnel directors and superintendents (about 72 percent) prefer closed files.

After interviewing, he added, some students come to the placement office to change their open files to closed.

What if a student can't get a teaching job because a letter in his closed file condemns him?

If a letter of reference for the credentials file comes to the placement office, Howe said, the office secretaries will probably catch it. The student may be asked to have another person write a reference for him.

The credentials file is not meant to be a place students can find out they'll be ineffective as teachers. "The screening process has to be earlier than this," Howe said. "Professors owe it to the students to tell them if they are having difficulty."

Credentials files for beginning teachers usually include three references: one from the cooperating teacher during student teaching, one from an advisor from the student's major department, and one other person chosen by the student.

For a $10 fee, the placement office mails credentials files to up to 20 prospective employers. The charge is made when the file is started or reopened, and expires on September 1 of each year.

The credentials files are kept for ever, Howe said. "It took nine truck loads to move all the records to the quad" when the education college's offices were moved from Curtiss to the old vet quad, he said.

For the 1976-77 school year, the education placement office report showed that 58 percent of the 472 current graduates responding to the survey had teaching jobs. Twenty-two percent had jobs other than teaching, and eight percent were teaching part-time.

But Howe was optimistic that the market for teachers would not stay this tight. Current public school enrollments in Iowa peak at the tenth grade, and decrease steadily with lower grades.

But "the potential for increase in birthrate is great," Howe said. "Last year, there was about a ten percent increase in births in Iowa.

"Couples between 18 and 35, who are both working, will soon have to decide whether they will have kids." The number of these couples in Iowa offers "a lot of potential" for growth, he said.

Iowa State is second in the state, after UNI, for the number of teachers it prepares in a year.

Since the formation of the college about ten years ago, Howe said, the performance of its graduates has convinced some school administrators that ISU offers high-quality teacher preparation.

Some schools, such as Omaha and Lincoln, come to Iowa State to interview.

The most important asset to take to an interview, Howe said, is a good student teaching recommendation from the cooperating teacher.

Since the interviewer takes for granted that the student will have his subject matter under control, the next thing he looks for is enthusiasm and interest in the school.

A structured interview consists of about 25 or 30 questions, the answers for which are tape recorded.

"What is your philosophy toward your subject matter?" and "What texts do you prefer?" are two of the questions commonly asked.

Cedar Rapids and Omaha school systems use this method for preliminary interviews, Howe said.

Unstructured interviews seek to gather the same information, but are conducted more informally.

Howe recommends a sight visitation, or spending a day in the school, after the preliminary interview, to give the prospective teacher a chance to get information, too.

Teachers who have coaching endorsements have an easier time getting jobs, especially (but not exclusively) in small schools.

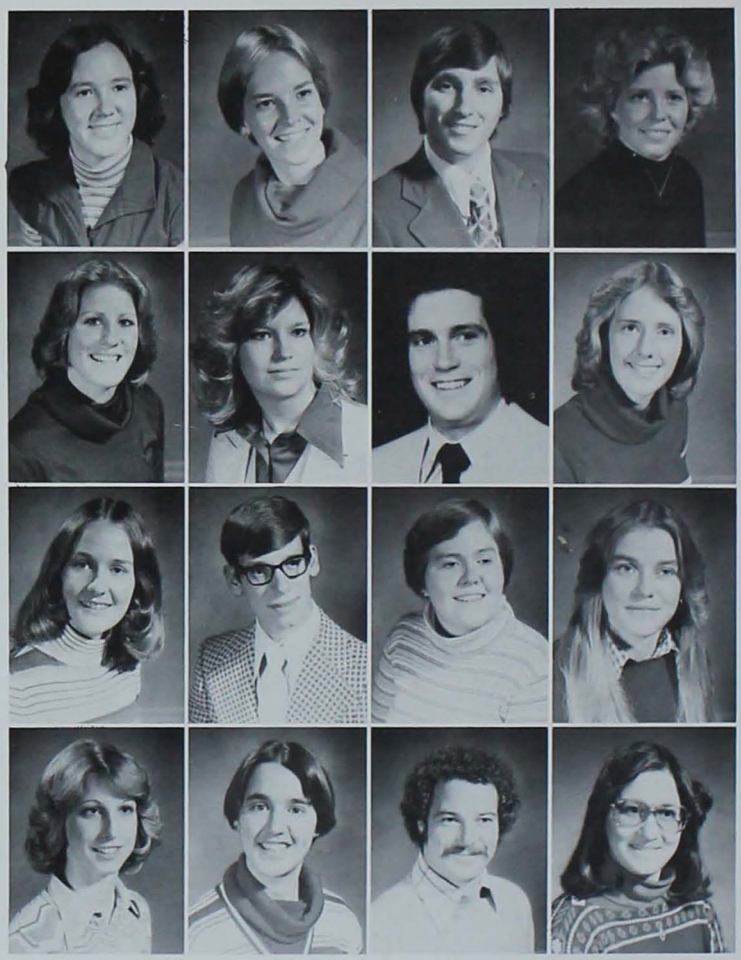
"Since legislation required schools to expand their athletic programs for girls, now almost all small schools try to select teachers with endorsements," Howe said.

The bill set to come before the state legislature this year that would make it possible for a person to coach but not teach would not help small schools, Howe said. "There are too many problems of attracting parttime people."

"Some people get upset because our form asks 'What sport can you coach?" he said. But the placement office needs to know this information, he explained, because "it makes them more employable."

Education majors

EDUCS ..... Education Special
EL ED ..... Elementary Education
I ED ..... Industrial Education
L SER ..... Leisure Services
P E ..... Physical Education
P E M ..... Physical Education for Men



Susan Allen, P E
Carol Anderson, P E
Duane Anderson, I ED
Barbara Armstrong, L SER

Lorraine Arnold, P E
Barbara Atchison, EL ED
Tom Atherton, L SER
Sheryl Bagley, EL ED

Carol Bahls, EL ED
Phillip Baldus, P E M
Barbara Bennett, EL ED
Carla Bevins, L SER

Melanie Bielenberg, EL ED
Anne Boesen, L SER
Craig Boylan, I ED
Lori Bradley, EL ED



Rebecca Brauer, EL ED
Patricia Braun, EL ED
Linda Bricker, EL ED
Patricia Brock, EL ED
Elizabeth Broshar, P E

Thomas Buker, P E M
Teresa Cardamone, EL ED
Jennifer Christensen, P E
Debra Cierzan, P E
Dean Clasen, I ED

Susan Cook, EL ED
Frederick Cordray, I ED
Sheryl Cumpston, P E
Cynthia Davidson, L SER
Doe Davidson, P E

Marcia Davis, EL ED
Carol DeGeeter, L SER
Patricia DeWitt, EL ED
Stevn Diedrichsen, I ED
Nanci Dingfelder, EL ED

Leila Disburg, EL ED
Barbara Doolittle, EL ED
Inez Dorhout, EL ED
Jennifer Drustrup, EL ED
Linda Dvorak, P E

Francis Easton, I ED
Kathryn Edson, EL ED
Paul Erickson, EL ED
Patricia Farrell, EL ED
Alan Fink, P E M

Education

The inside story:

Lyon combines music, teaching

The job market is tight for teachers. Frances Lyon, an elementary education major, is prepared to wait.

She developed an interest in children, she said, through working with them in Girl Scouts and teaching Sunday school classes. She hopes to teach one of the early elementary grades, she said, because she believes that children need the most guidance at this time.

With middle-aged women returning to teaching, education colleges turning out more teachers than the market calls for, and competition especially tight in cities, the employer looks for more than good grades on a resumé. Experience with children is essential.

For this reason, Lyon feels elementary education students need to get more field experience than the college offers.

She praised the department, however, for the close contact students have with professors, and because the department goes to great lengths to help graduates find jobs.

One plus Lyon has for teaching children is her music background. She has sung with the Iowa State Singers and Cardinal Keynotes, and many of her electives were music courses.

She feels this background, and the ability to teach piano and voice to children, will be valuable, especially with the new focus on music in elementary schools.

Gone are the days when children were endlessly drilled on music theory and required to sing songs they didn't like, she said. "Students are now singing the same songs they hear over the radio, and are into creative activities," such as forming rhythm bands and writing songs.

Lyon chose a closed credentials file, meaning she is not allowed to read the letters of reference. Employers seem to prefer this, she said, because they feel the writer of the reference letter will be more objective if the subject of the letter will not be reading it.

by Nancy Carver



Frances Lyon is willing to start as a substitute teacher, in order to later get an elementary teaching position, if jobs are scarce. Superintendents from Ames area schools report more applications than jobs, but Lyon said there are more openings in small communities.



Michelle Fontaine, EL ED
Patricia Frandsen, P E
Paul Fredericks, I ED
Linda Fruendt, EL ED
Melissa Gadient, EL ED



Janet Gates, EL ED
Patricia Gilhooly, EL ED
Kathryn Gleeson, EL ED
Julie Goodrich, P E
Susan Gourley, EL ED



Gale Grodahl, EL ED
Thomas Grove, I ED
Jean Haden, EL ED
Delores Hansen, EL ED
Carol Hanson, EL ED



Mary Harrison, EL ED
Byron Hartwig, I ED
Charles Hatz I ED
Angela Hechtner, EL ED
Kathleen Heinrichs, EL ED



Sharlene Heirigs, EL ED
Teressa Henze, P E
Sandra Hilbert, EL ED C D
Melinda Hodge, EL ED
Timothy Hoeft, I ED



Karen Holland, EL ED
Nancy Holst, EL ED
Teri Hough, EL ED
Debra Housenga, P E
Carol Hughes, EL ED



Janet Hulse, EL ED
Steve Hurlburt, I ED
Jane Hyndman, P E
Jean Hyndman, P E
Kathleen Janson, EL ED



Steven Johns, I ED
Julie Johnson, P E
Sandra Johnson, EL ED
Peggy Jones, P E
Ronald Jones, EL ED

Education



Ruth Karr, EL ED
Karen Kennebeck, P E
Alicia Kibbler, EL ED
Jeanene Kilmer, EL ED
Sheryl Kleckner, P E



Kimberly Knutson, P E
Angela Kopsas, EL ED
Lynn Kossman, P E
Linda Kuhlers, EL ED
Teresa Kuhlmann, EL ED



Cathy Kulick, EL ED
Sandra Lambert, L SER
Keith Lancaster, P E M
Debbie Langenfeld, P E
Ann Laube, L SER



Marilyn Lensink, EL ED
Charlene Lerch, L SER
Barbara Lodge, P E SPAN
Connie Lynch, P E
Frances Lyon, EL ED



Barbara Marty, P E
Denise Mauer, EL ED
Brad Maurer, I ED
Susan McAlpine, EL ED C D
Jaynee McBride, P E



Betsy McGoon, EL ED
Debra McGrane, EL ED
Larry McLaughlin, I ED
Lynn Meehan, EL ED
Janene Meier, EL ED



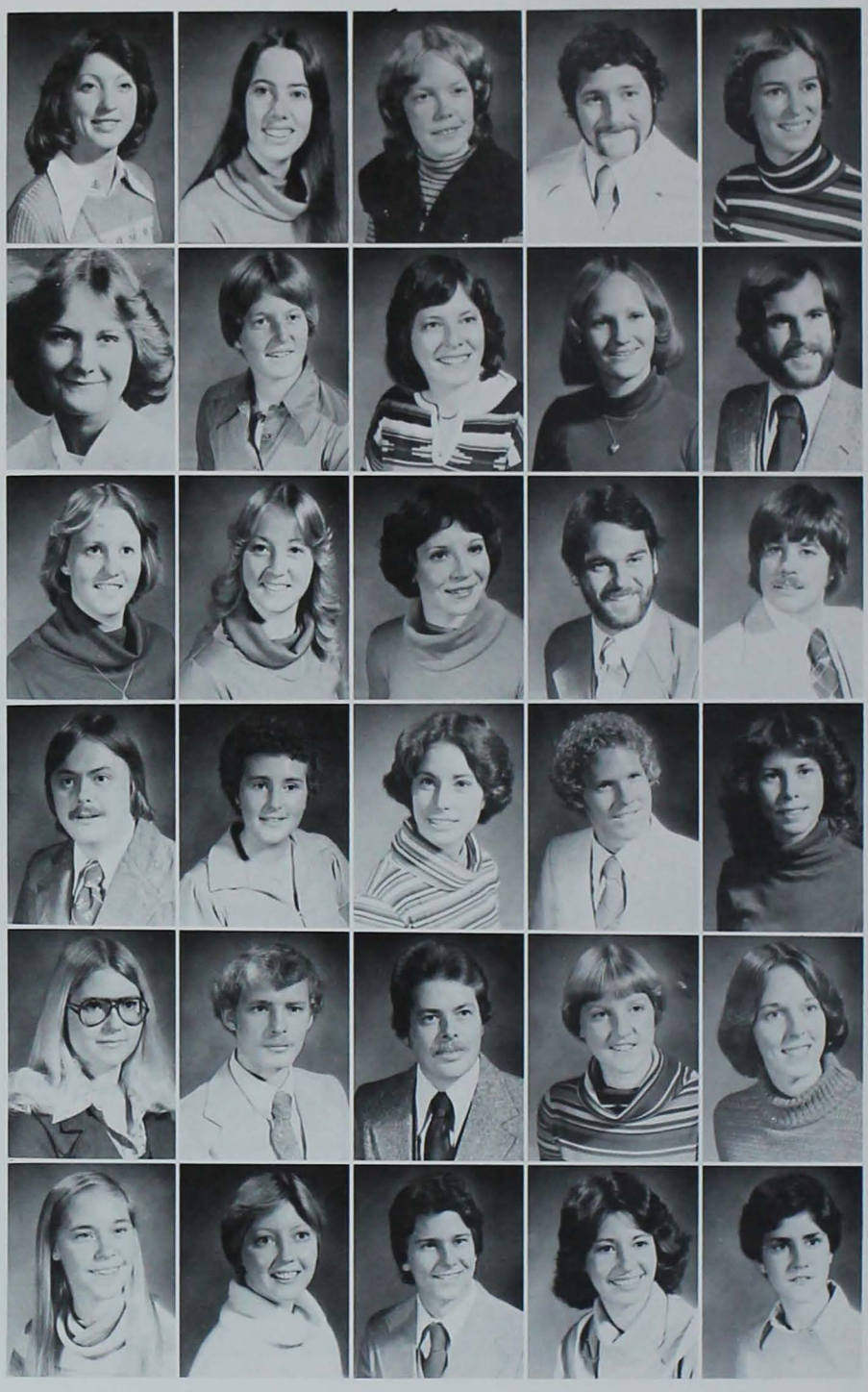
Arnold Gaarde, general manager of Compass Insurance Agency of Ames, discusses auto, life, and medical insurance at a senior seminar. About 35 seniors attended this lecture, one of a series of four sponsored by the senior class.



Brita Meyer, EL ED
Richard Milburn, I ED
Elizabeth Miller, EL ED
Nancy Moats, EL ED C D
Nancy Moody, EL ED

Corliss Moore, EL ED
Brenda Morrison, P E
Dean Moyer, I ED
Teri Mueller, EL ED
Reginal Nelson, L SER

Education



Kathleen Nichting, EL ED
Christy Nieman, EL ED
Sharon Noland, EL ED
Gregg Obren, L SER
Laura Odland, EL ED

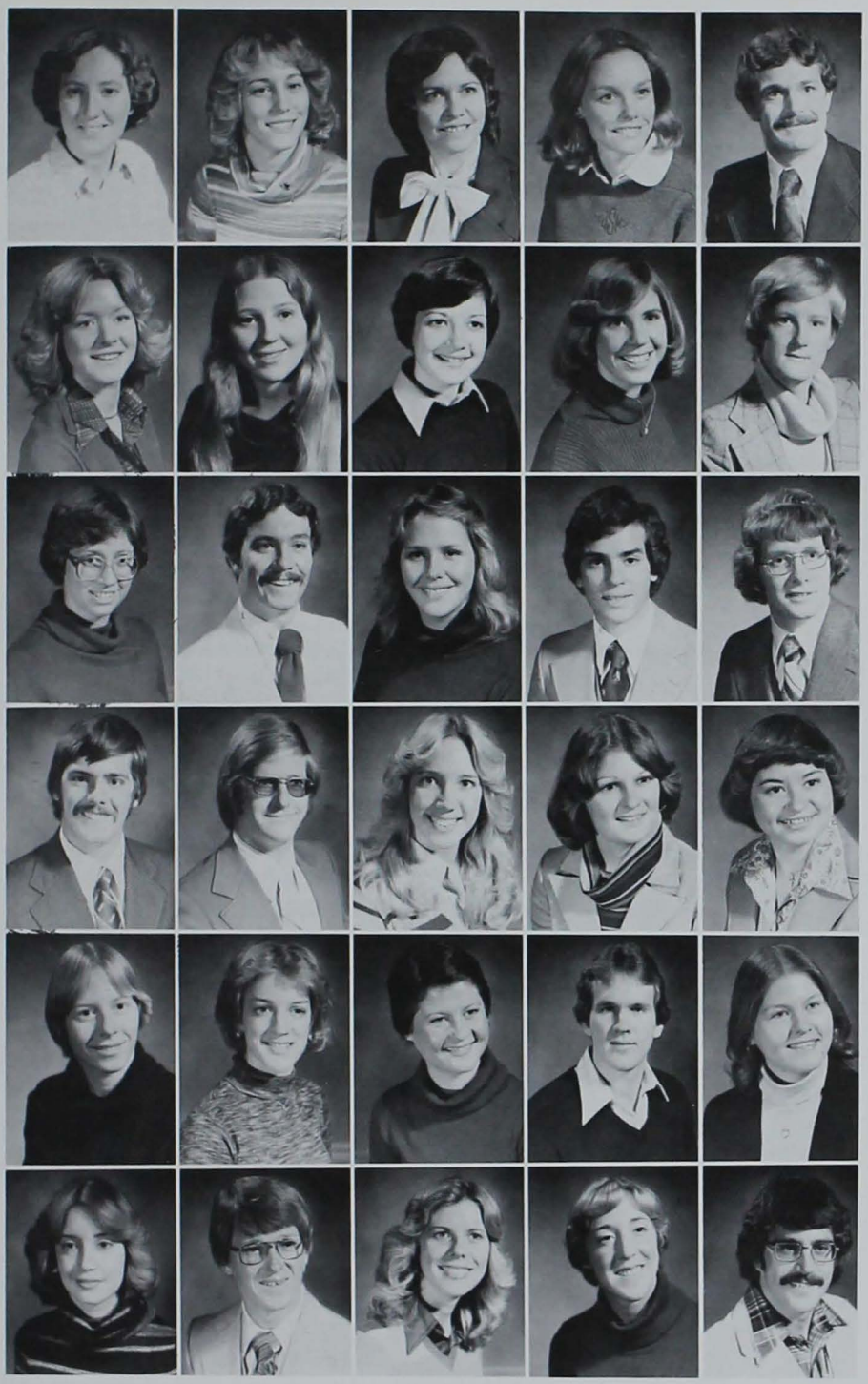
Rebecca Pavlik, EL ED
Faye Perkins, P E
Kathleen Petersen, EL ED
Janet Peterson, EL ED C D
Gregory Phillips, I ED

Susan Pohl, L SER EL ED
Linda Powell, P E
Paula Prather, EL ED C D
Arthur Rawlings, I ED
Randall Robertson, I ED

Theodore Robison, P E M
Carol Rosheim, EL ED
Bobbi Rossow, EL ED
Duane Rowe, I ED
Jane Sampson, P E

Barbara Schmidt, EL ED
Randy Schnack, I ED
Dale Scott, I ED
Deborah Seieroe, EL ED
Gwedolyn Shaver, EL ED

Shari Shawver, EL ED
Lori Sherman, EL ED
David Spurgin, L SER
Shelley Stalberger, EL ED
Elizabeth Steffens, L SER



Norma Stephenson, EL ED
Barbara Straight, P E
Judy Stumbo, EL ED
Jane Sullivan, EL ED
Richard Sunde, P E M

Cynthia Sunderman, EL ED
Leanne Swailes, EL ED
Karin Swanson, EL ED C D
Elizabeth Thomas, EL ED
Debra Thompson, P E

Neva Troyer, EL ED
John Van Fleet, P E M
Ann Wagner, EL ED
Frederick Walker, P E M
Geoffrey Wallace, I ED

Lawrence Walton, P E M
William Watkins, P E M
Kathleen Watson, EL ED
Pamela Watts, L SER
Rose Whipple, P E

Susan Wilden, P E
Laura Wilson, EL ED
Terri Wilson, EL ED
Paul Winistorfer, I ED
Juia Witters, EL ED

Kathryn Wonderlin, EL ED
James Worrell, P E M
Karen Youngberg, L SER
Mary Yuska, P E
Jeffery Zinsli, I ED

Education

Jobs available for most have offers by graduation

If you're in the engineering field at Iowa State, you have it made in the job market! This is a widespread opinion at ISU and is, in many ways, reinforced by Herb Harmison, placement director for the engineering college.

"Eighty-five percent of all engineering graduates either have jobs or offers for employment, or go on to graduate school at the time of graduation," said Harmison.

The placement service plays a major role in helping students find employment following graduation. The objectives of the office are to schedule students and employers for job interviews and also to gather data on jo opportunities throughout the country to aid students in finding jobs.

Another function of the office is to advise men and women going into the engineering field.

"Seventy-five to eighty percent of all engineering seniors utilize the placement services before graduating," Harmison said.

The job market for engineers now is excellent. There are an average of 20 recruiters from various companies interviewing each day during the peak recruiting periods. These two recruiting seasons include seven weeks in late September and six weeks after the Christmas break.

"Any student graduating with an engineering degree, with any major, has an excellent opportunity for employment," said Harmison.

He added, however, that students must be enrolled in their specific majors for good reasons. He has seen many students enrolled in engineering simply because they did reasonably well in high school, and we badly counseled there, he said.

They "wanted to take something difficult in college," not realizing what the major involves.

An engineering degree normally takes more than the standard 12 quarters. "The average engineering student will atend college for 4.2 years," said Harmison. This additional time is needed for several reasons: lack of preparation when a student first arrives on campus, the difficulty of passing some classes, and the inavailability of many classes when students wish to take them.

Lack of funds and too few instructors have caused more than 1,000 students difficulty in scheduling classes which aren't offered each quarter, Harmison said.

The placement service is also important to students wishing to get in-field experience before graduating.

The Co-op Program is offered directly through the placement office. It served more than 150 students this year (by the end of January), Harmison said. An average of 20 to 25 interviewers came to talk with students and recruit employees each month this year.

A Co-op advisor to students is designated in each major of the college and aids interested students in finding Co-op positions or scheduling interviews.

Harmison said he feels the Co-op experience is a very beneficial one. "Students learn to be involved in engineering field work early, an if they aren't suited for it, they can find something else which interests them before it's too late," he said.

Some other assets of the program are the possbility of earning as much money as a graduating senior in the profession, and the ability to apply the experience to class work after the Co-op job is over.

Even if no Co-op job is offered as the result of an interview, Harmison said, the interview experience in itself is beneficial.

engineers;

day

Requirements for the Co-op students vary in each major, but usually a student must have two years in college before applying, and must have a qualifying gradepoint average.

Harmison noted an essential quality that is lacking in many engineering students who are looking for jobs. "If I could teach students one thing before going into an interview, it would be some communication skills," he said.

A speech course is required for engineering majors, but it doesn't seem to be enough, according to recruiters with whom he has spoken. He added that most students "have never had an interview before their senior year."

Women engineering students, who are in a vast minority in the college, use the placement office and have very good luck finding job opportunities, according to Harmison.

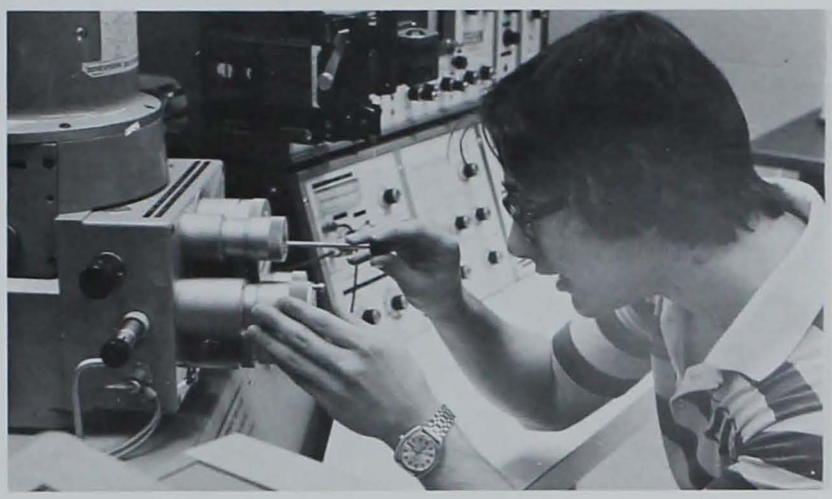
"People are finally realizing that women in engineering teams and companies contribute an extra impact or dimension to the field," he said.

He added that companies used to hire women simply because they were required to, but it has become known that they often "carry their own work load, plus some."

Harmison said employers are not simply looking for good grades when hiring an employee, but are also concerned with the activities in which a person has been involved.

"I would strongly urge students to combine studies with activities and plan their time constructively." Activities can show a prospective employer that the applicant has communication skills, in addition to the knowledge he has gained by studying.

by Roz Whiton



The inside story:

Dan Bullen

Dan Bullen, engineering science major, plans to study nuclear engineering in graduate school. Eventually, he said, he would like to get a Ph.D. and be a nuclear engineering professor.

Bullen has been a research assistant for the engineering science department. His job was to run a scanning electron microscope to characterize the microstructural and chemical composition of Iowa coal, he said.

He's also been active in organizations on campus. As chairman of the Student Governance Task Force, he studied the interrelationships between the different student governments.

GSB senator, RCA president, Tri-Association of Residence Halls president, and Engineering Science Club president are some of the offices he's held.

But the most enjoyable part of college life, he said, was the interraction with students and faculty.

"There is a unity between students and faculty in the engineering science department," because of the size of the department. Only seven students will graduate in engineering science spring quarter, he said.

by Sue Plantz

Engineering majors

AER E	Aerospace Engineering
ARCH	Architecture
C E	Civil Engineering
CER E	Ceramic Engineering
CH E	Chemical Engineering
CON E	Construction Engineering
CPR E	Computer Engineering
E E	Electrical Engineering
E M	Engineering Mechanics
ENGR	Engineering
ENGR S	Engineering Special
E OP	Engineering Operations
E SCI	Engineering Science
I E	Industrial Engineering
M E	Mechanical Engineering
MET E	Metallurgy (Engineering)
NUC E	Nuclear Engineering



Zahi Abou Mansour, C E
Ali Adib, AER E
Ray AHl, C E



Dennis Almquist, ARCH
Sadi Alothman, I E
Steven Amento, CON E



Daniel Anderson, CH E
Keith Anderson, ARCH
Randall Anderson, E E



Neil Andrews, E E
Enrique Aranda, E E
Michael Armstrong, C E



John Babl, E E
Daniel Backhus, AER E
Paul Bagaason, I E
Jay Baker, ARCH



Tarik Bakry, E E
Monte Ball, C E
Jeffrey Balvanz, M E
Christopher Behrens, AER E



Mark Bell, CON E
Michael Bellows, ARCH
William Bennett, C E
Paul Bernhagen, I E
Ruth Bess, C E

Kevin Bestick, C E
Randall Bishop, ARCH
Boyd Black, ARCH
Daniel Blair, CH E
Michael Boehde, I E

Brian Goesenberg, CON E
Scot Boon, E E
Dennis Bowman, A E
Marquerite Boyt, I E
Donald Bray, CER E

Richard Brickman, AER E
Douglas Brooks, A E
Michael Broshar, ARCH
Darrel Brostrom, ARCH
Richard Brown, ARCH

Daniel Bullen, E SCI
Joseph Caligur, C E
Michael Carroll, AER E
Robert Carter, CON E
Michael Cassidy, E E

Kirk Casteel, E E
David Christoffersen, M E
Daniel Churchill, CON E
Dennis Churchill, CON E
Stephen Claussen, ARCH

Engineering

Steven Cloud, AER E
Keith Cockerham, E OP
John Collins, ARCH
David Conlon, CON E
James Cooper, M E



Larry Cormicle, CON E
Mark Cramer, CON E
Jennings Crawford, E E
Dean Crist, E E
John Currie, A E



William Dahlgran, E E
Glenn Dailey, ARCH
John Daly, E E
Alan Davis, ARCH
Pongsak Dej-Udom, C E



Roland Deleon, ARCH
Timothy Dickerson, CON E
Richard Dickinson, CH E
Ralph Dillon, CON E
Steven Dimig, M E



Peter Douglas, CON E
Harry Doyle, E E
William Drago, C E
Collin D'Silva, E OP
Chris Dummermuth, CON E



David Easton, A E
Juan Echeandia, E E
Kevin Ehrecke, M E
Janell Eischeid, M E
Saleh El-Khalidi, C E





David Ellenberger, E E
Paul Erickson, M E
Thomas Ertz, ARCH
Steven Eshelman, CH E
Mark Etchen, E E



Terry Farghum, CH E
Charles Feghali, C E
Mark Feilmann, I E
Mark Ferguson, ARCH
Wesley Ferguson, E E



James Fisher, E E
Robert Fondell, E E
Thomas Fox, A E
Mark Frans, E E
Bruce Frederick, E E



William Frederick, E E
Craig Frey, I E
Douglas Friedel, M E
James Fritcher, CON E
Janet Gale, MET E



Mark Garrett, A E
Paul Gassman, M E
Michael Gawley, CON E
John Genskow, C E
Steven Gladson, C E



William Gooden, CH E
Wayne Goodwin, ARCH
Gene Grabenbauer, CH E
Joseph Greitl, CH E
Wayne Grenard, ARCH

Engineering

The inside story:

M E senior says women must prove themselves



Since there are few women in mechanical engineering, they are in high demand. But even though being female may be an advantage in getting a job, it will be harder to be accepted and to prove her capabilities, according to Wendy Nelson.

Nelson's interests lie in thermodynamics, she said, and she hopes to be a consultant for a power plant.

She feels her biggest asset in finding a job will be her gradepoint of 3.00. She was chosen to become a member of Pi Tau Sigma, a national mechanical engineering honorary, because of her grades, she said.

She also received a scholarship for her senior year, sponsored by Ingersol-Rand.

by Sue Plantz



Daniel Griffen, CH E
Bruce Gustavson, AER E
Haji-Ardebili, M E
James Hansen, E E
David Harrison, E OP

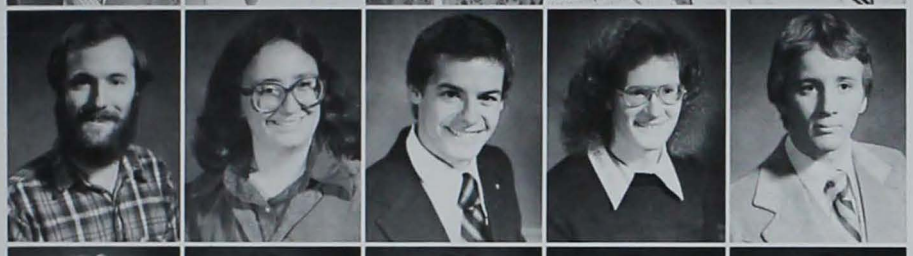
George Hartley, E E
Donald Haugerud, CH E
Rahn Heithoff, A E
Keith Hemphill, A E
Mark Hendrickson, I E



Mark Henthorn, M E
James Hermetet, E OP
Howard Hespen, MET E
Dennis Hoeg, M E
Dale Hoffman, M E



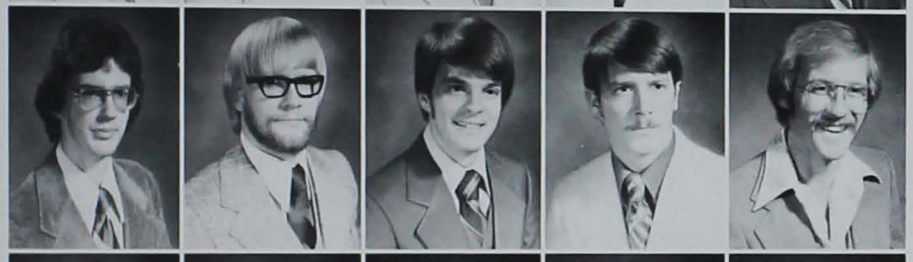
Danny Hopkins, M E
Todd Hotchkiss, ARCH
Lung-Hsiang Huang, A E
Kenneth Huck, M E
James Huebener, M E



Randy Hulsebus, M E
Kathleen Hunt, CH E
Robert Huntley, ARCH
Paul Imsland, E E
David Ivis, CON E



Kevin Jacobsen, E E
John Jeffries, E OP
Steven Johann, CON E
Bruce Johnson, M E
Kevin Johnson, C E



Martin Johnson, ARCH
Timothy Johnson, E E
Alvan Jones, AER E
Kevin Jones, C E
Burton Joosten, AER E



Roger Kann, E E
John Kassing, E OP
John Kell, E E
James Kernan, CER E
David Kessler, E E

Engineering



Daniel Ketelaar, ARCH
David Kettler, M E
Gregory Kimler, CH E
David King, CON E
Terry King, I E

Douglas Kirk, E E
Myron Klingbeil, E E
Debra Knobbe, CH E
Jonathan Koerner, CON E
Charles Komp, E SCI

Curtis Kooiker, M E
John Kottmann, C E
Matthew Koupal, I E
Kim Krieg, E E
Charles Kruse, CH E

David Kuivanen, ARCH
Clete Kunce, ARCH
John LaFratte, A E
Irving Lagneaux, E E
Warren Lammers, E E

John Lapointe, E OP
David Larson, CON E
Douglas Larson, MET E
Eric Larson, E E
Terry Larson, E OP

Rodney LaRue, CH E
Mark Lattner, C E
Tze-kin Lau, C E
Fred Lawrence, AER E
Yat-Chiu Lee, C E



William Lehfeld, CH E
John Lemen, CH E
Allen Leslein, ARCH
Roger Less, C E
Chadwick Lewis, CON E

Hamid Liaghat, C E
Steven Lombardi, E E
Dennis Long, E E
Jolee Lorenzen, C E
Richard Lowery, CH E

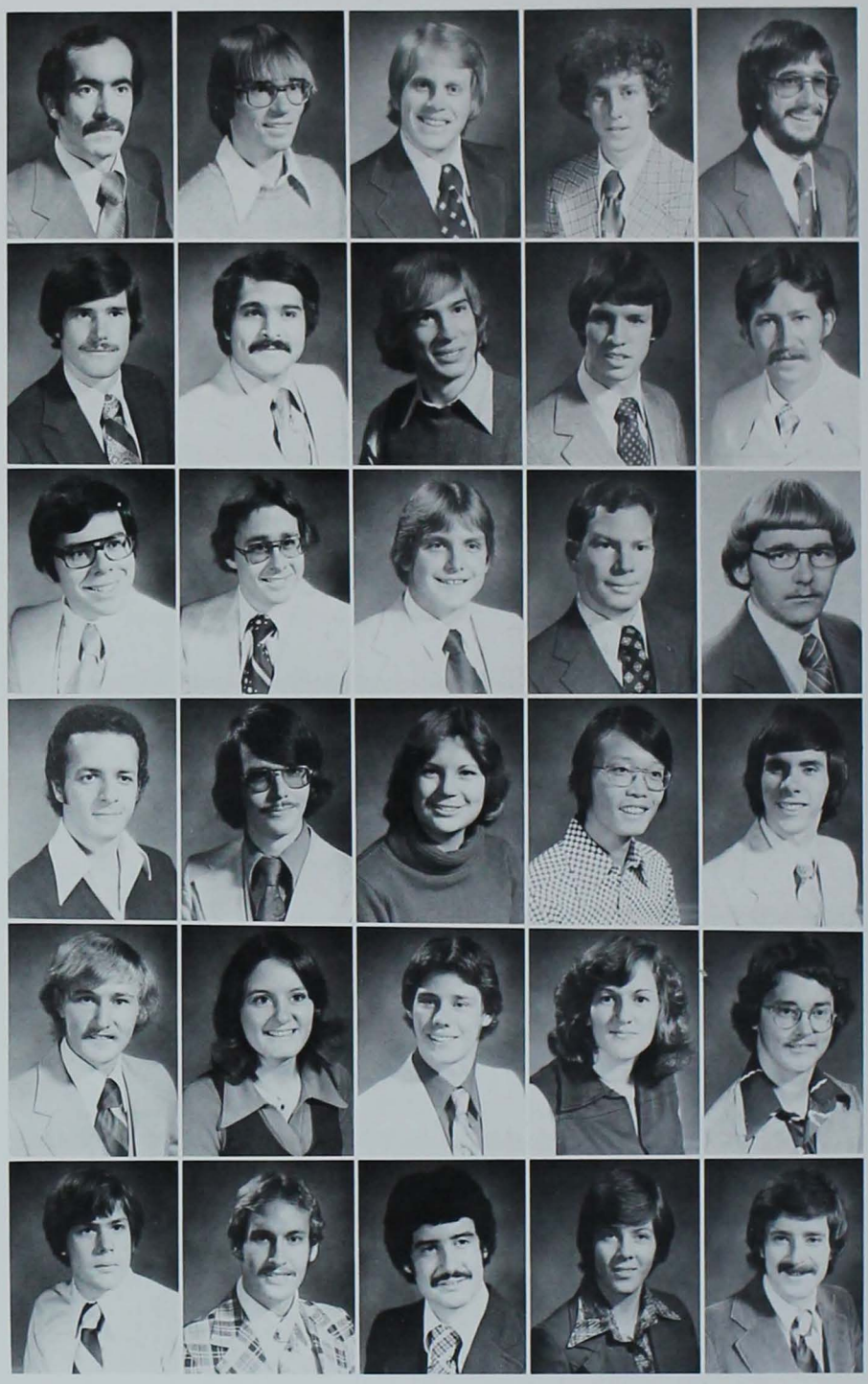
Gary Lundgren, ARCH
Dean Lux, E E
Kent Lynch, A E
Ka-chee Ma, C E
Craig Madsen, E OP

Ricky Madson, A E
Robert Marsh, CON E
Stephen Martinez, ARCH
Alan Marty, MET E
Michael Matson, CH E

John McClannahan, C E
Leslie McClatchey, CH E
William McCoy, M E
Mark McDowell, E E
Dennis McGowan, I E

Jean McGregor, MET E
Patricia McHenry, CH E
Michael McInerney, E E MATH
Kent McNeley, E OP
John Meenan, C E

Engineering



Uz Mehmet, MET E
Brad Meyer, I E
Ronald Meyer, E E
Francis Milder, C E
Alan Miller, CER E

Leroy Mills, A E
Mahmood Moghadam, AER E
Dean Molde, M E
David Moore, E E
Steven Moore, C E

Philip Morris, AER E
Scott Morrison, C E ARCH
Ronald Mott, ARCH
Peter Murphy, CER E EE
Christopher Nail, I E

Farhad Nasri, ARCH
Craig Nelson, ARCH
Wendy Nelson, M E
Tim-yuen Ng, E E
William Nieland, I E

James Nielsen, CH E COM S
Susan Novak, CER E
Steven Oberhaus, E OP
Mary O'Brien, E E
Kevin O'Bryon, E E

Craig Ollinger, I E
Keith Ones, CON E
John Osborne, M E
Debra Parrott, ARCH
Michael Peine, ARCH

The inside story:

Robinson credits job to double degree



Jim Robinson, who graduated with a degree in construction engineering and one in architecture, said this background was important in getting his job with a construction firm.

Jim Robinson accepted a job with an architectural firm—and then interviewed with a representative from another company.

"I want to keep the lines open," he said, and suggested that would be good advice for others entering the job market. "You shouldn't break communications with a firm just because you've accepted another job," he said.

Robinson, winner of an honorable mention rating in a national design contest, had other suggestions, based on his successful job campaign, to help students find a job.

"Get started early enough," he said, "and get a lot of letters out." Robinson had a resumé printed two quarters before he graduated, and wrote letters of introduction to 30 companies. Twenty-five of those responded, and the result was eight interviews and, ultimately, three job offers.

He used the interview schedules in the university placement office, too, he said, but the on-campus interviews "didn't give as good results."

Connections are also important, Robinson said. He talked to professors in his department and also to his father, who is in the construction business.

"The main thing is communication, and being persistent," he said.

Robinson received an honorable mention rating in the National Student Design Awards Program of the Prestressed Concrete Institute with his design of a condominium hotel for Elliot Key, Florida.

Robinson credited a construction background for the job offer he accepted at Leo A. Daly, an architectural engineering firm in Omaha.

A double degree program, a Bachelor of Arts in architecture and Bachelor of Science in construction engineering, tool 285 credits and 16 quarters to complete. But Robinson said it was worth, it, even though it's "tough to be real loose and design something in architecture classes, and then do problems for engineering courses."

by Mary Eldridge Bailey

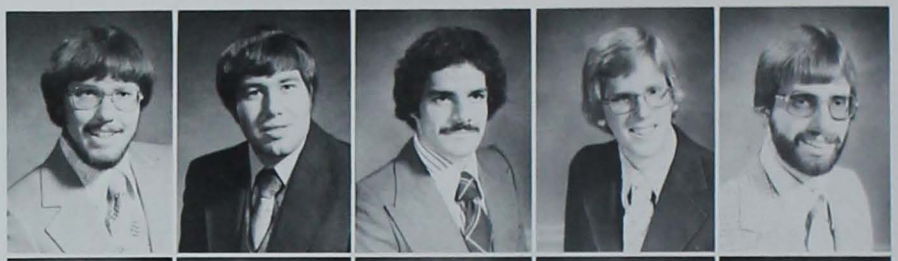


Dale Penner, E E
Steven Perry, C E
Thomas Peterson, E E
Ralph Phillip, CH E
Rocco Pigneri, CON E

Eric Piper, ARCH
Chak-yan Poon, M E
Michael Pouliot, AER E
Ray Powell, CH E
Ritchie Price, ARCH

Engineering

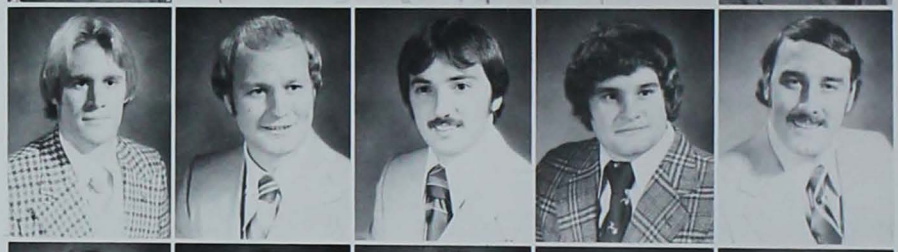
William Putzier, E E MATH
Robert Quint, C E
Shair Rajabzadeh, E E
Brian Ralston, A E
Wayne Rettig, ARCH



Kent Rice, A E
Diana Richardson, C E
Rex Ridenoure, AER E
David Robertson, E SCI
Willard Robertson, A E



James Robinson, ARCH
Kent Rode, C E
Lloyd Roduner, E OP
Richard Roseland, CON E
Thomas Rowan, I E



Bruce Rydberg, C E
Daniel Ryherd, E SCI
David Sampson, E E
Davis Sanders, ARCH
James Sandison, CH E



Eduardo Sardi, I E
Steven Schippers, E SCI
Richard Schmitz, ARCH
Sue Schneider, CH E
Susan Schultze, ARCH E OP



William Schwartz, ARCH
Randall Scott, CH E
Steven Sibbel, M E
Lawrence Sibbing, M E
Allen Siefken, E E





Gregory Sindt, C E
Eric Smith, ARCH
Mark Smith, ARCH
Stanley Smith, CER E
Christian Soderlund, M E

Laura South, M E
Stanley Stach, E E
Lyle Stalheim, E E
Joel Stein, CER E
Ross Stickley, ARCH

David Stinstra, M E
Dean Stillmunkes, A E
Robert Stover, CH E
Joan Suchomel, ARCH
Steve Sukup, I E

Kent Sunberg, M E
Wing-Il Sze, E E
Charles Tass, C E ENVIR ST
Marc Tatone, E E
Steven Termont, C E

Blake Thalacker, E E
David Thiede, I E
Ramon Tirado-Castro, MET E
James Trchka, E E
Richard William Turnmire, C E

Hossein-Ali Vaezi, C E
Gary Vander Molen, A E
Robert Van Engelenhoven, C E
Jon Van Gerpen, M E
Jon Van Houten, MET E

Engineering

Douglas VanKlompenburg, M E
David Van Meter, E OP
Kirby Van Note, C E
Mark Veenstra, C E
Elliot Waddell, E OP



Christian Wainwright, E E
Thomas Waldschmitt, M E
James Walkup, E E
Larry Walton, I E
Frederick Warren, E SCI



James Waterman, CH E
Richard Watkins, CH E
Mark Waugh, E E
Ronald Wegner, AER E
James Weirick, CER E



Donald Wellendorf, E E
Gerald Wicks, E OP
Michael Widmar, I E
Paul Wiederholt, CH E
Daniel Williams, I E



Donald Williams, CH E
Douglas Wilson, C E
Joseph Witte, AER E
John Wolf, CON E
Yau Wong, E E



Andrew Wright, ARCH
Bruce Young, M E
Tony Yuk, E E
Steven Zenishek, E OP
Rick Zila, C E

Engineering

Questions interviewers ask

Why do you want to work for this organization?
What position are you interested in?
Describe your idea of the perfect employment situation.
What are your long-range career goals?
Why should we hire you?
What qualifications do you have that will make you successful in your field?
Do you prefer working with other people or by yourself?
How do you deal with pressure?
What kind of boss do you want to work for?
How do you feel about being transferred? Overtime? Travel?
How do you feel about your college career?
How did you finance your college education?
What past accomplishments are you proud of?
What do you do in your spare time?
Describe your personality. What are your most positive personal characteristics?
Most negative?
What jobs have you held?
How were these jobs obtained, and why did you leave?
Describe the references former employers would give you.
Which former jobs have you enjoyed? Why?
What are your parents' occupations?

These questions were compiled by Julie Muckler, who has interviewed for John Deere & Co. and is now working on a master's degree in industrial relations at Iowa State.

Home economics grads

"Beckie Home-eckie" is on her way out of the home economics department, according to that college's placement coordinator.

Dr. Lois Meerdink, head of the Career Planning/Placement Office for the home economics college, said the steriotype of a home economics major who is at Iowa State only to find a husband is quietly changing. Girls are coming to ISU intending to get an education and find employment, not just to find a husband, she said.

"We have more students coming to ISU now that are undecided about a major—but they want to be in a home ec. related field. Our philosophy is to be impartial, help the student find his or her interests through self-examination," Meerdink said. "We won't force anyone into declaring a major."

Meerdink took over as coordinator of the placement office in July of 1977. She had been a freshman advisor in the home economics college before her current job. "We have six freshman advisors, available all year to help students with problems concerning scheduling, selecting a major, and getting adjusted to school," Meerdink said.

The freshman advisors teach Home Economics 101X, a required course which helps freshmen plan schedules for their first two years. The orientation also includes exposure to the different fields of home economics, discussion of job opportunities, and preparation for getting a job.

"I really felt 101X was worthwhile. It gets you going in home ec.—you get to know your advisor, students, career opportunities, and mainly, you get a two-year course schedule mapped out," said Jane Klitgaard, T C 2. "I learned from it, and I know I'll use what I've learned when planning out my last two years," she added.

Meerdink emphasized that the advisors and instructors in the department try to help the students with career planning from freshman year through senior year and graduation. Meerdink teaches Home Economics 400, a course specially tailored for seniors.

The course, "The Professional Role," aids students in writing resumes and cover letters, hunting for jobs, knowing what to expect from an interview and how to respond to job offers, as well as how to make the transition from school to work. Some majors in the College of Home Economics require the course.

"In this course, the students prepare resumes which go on file in the placement office for free," Meerdink explained. "Many employers write our office an ask for the resumes of any students qualified for the position they have open. We automatically send all those resumes, for free.

"For a $5 fee, we also will handle references for students. The fee covers services for an indefinite period of time," she said.

The Placement office asks that graduating seniors update their resumes within six months of graduation if they are still actively seeking employment.

Graduates of more than a year are asked to provide new resumes every twelve months, so that current information is sent to employers seeking to fill a position.

PAL (Positions Available List) is published monthly by the Career Planning/Placement Office. This publication contains the most recent job opportunities available, as well as upcoming interview dates. Students and alumni may subscribe to PAL through the home economics placement office.

The office also puts out an annual placement report for baccalaureate and advanced degree graduates. The report showed that 552 bachelor's degrees, 56 master's degrees, and three doctoral degrees were granted in the college from fall, 1976, through summer, 1977.

want jobs, not just husbands

The charts show that 72 percent of the graduates were placed in some type of employment, while 11 percent were listed as "still seeking employment."

Meerdink said this year's placement figures appear to be the highest for the past five years.

"The placement figures might be misleading for several reasons," Meerdink cautioned. "One of the biggest handicaps faced by those looking for jobs is a lack of mobility.

"Many of our graduates are already married, and have continued their education in order to receive the degree. If the husband has already entered the job market, or is farming, the wife will usually ends up following him to that location— and trying to find a job in the vicinity.

"Often jobs in a small town or rural area are minimal, or not directly related to the student's area of studies. This lack of mobility should be considered when interpreting the data," Meerdink explained.

She added that one unusual case this fall involved a husband who had to find a job in a certain town, because his wife had already landed a good job there.

Not all graduates are looking for a job immediately after getting out of school, Meerdink said. And some are not looking for a job in their major area, but want to try different jobs for a while.

Some home economics graduates decide to get a master's degree in business, she said.

The sterotype of a coed who is husband-hunting is gradually being shattered, according to Meerdink. Recently there have been several males enrolled in home economics courses.

Meerdink said the men all seemed comfortable in the departments. In trying to change the image of "women only" on the college, more male instructors have been hired for the various departments, she added.

"Part of the problem is that there is a definite lack of knowledge about the home economics college. The women's movement has really helped women become aware that they can make it in a man's world. But men are still leery of entering women's 'territory'—home economics," Meerdink said.

"There are tremendous career opportunities in the institutional management field, for instance. We've had employers call us, asking for resumes of any graduates interested in institutional management, especially in hotel and restaurant management. There are jobs— but no students to fill them."

Home economics majors seem to appreciate the job the placement office does for them. Marie Geake, a senior in home economics education, said she was pleased with the course H E 400.

"It was really worthwhile. If I hadn't taken the course, I probably wouldn't know how to prepare a good resume or application letter. I probably wouldn't even know about the placement office. I think the office is necessary and helpful," she said.

"The $5 fee is reasonable—all we have to do is write the resume and sign up for interviews. The office arranges the interviews, sends out our resumes, and takes care of paper work," Marie said.

Another home economics major, Patti Peckumn, said "The course gives good information about jobs. I feel the placement office is really well organized, and everyone there is so helpful. If you don't know something or can't find material in the resource room, the staff members are willing to help you."

"The placement office has done a really good job so far. I know now that it would be tougher to get a job without the aid of the office," Pechumn said.

by Kathy Murphy

Home economics majors

A A	Applied Art
AA AD	Advertising Design (Applied Art)
AA ED	Art Education (Applied Art)
AA CR	Craft Design (Applied Art
AA ID	Interior Design (Applied Art)
C D	Child Development
F E	Family Environment
F N	Food and Nutrition
FN CN	Community Nutrition (Food and Nutrition)
FN D	Dietetics (Food and Nutrition)
FN FS	Food Science (Food and Nutrition)
FN RS	Related Science (Food and Nutrition)
H EC	Home Economics
H ECS	Home Economics Special
H ED	Home Economics Education
HE IS	Home Economics for International Studies
H JL	Home Economics Journalism
IMFA	College and Food Housing Administration
I MGT	Institution Management
IM HR	Restaurant and Hotel Management
IM SF	School Food Service
T C	Textiles and Clothing
TC RS	Related Science (Textiles and Clothing)



Nancy Ackelson, H ED
Helen Airy, C D
Denise Allen, AA ID



Bonnie Anderson, F E
Brenda Anderson, FN D
Cynthia Anderson, C D



Kathleen Anderson, F E
Shari Anderson, AA ID
Catherine Archibald, AA ID
Julie Arctander, AA ID
Carol Arnold, F E



Julie Arnold, T C
Lynn Avelchas, AA AD
Debra Baade, H ED
Janet Baer, F E H ED
Bonnie Bakalar, SOC F E



Virginia Barr, AA AD
Maryellen Barry, EN D
Debra Basler, T C
Ramona Baumbach, AA ID
Roxanne Beale, H ED



Linda Beaman, H ED
Nancy Bechtel, C D
Mary Beck, AA ID
Amy Becker, T C
Susan Benes, FN FS



Elizabeth Benesh, C D
Janet Benning, FN FS H ED
Julie Berg, FN FS
Cynthia Bernhagen, AA ID
Jo Bex, T C

Sandra Bezouska, T C
Katherine Bither, T C
Thomas Bitter, AA AD
Shirley Blaisdell, AA AD
Marcy Blenderman, AA ED

Jane Bobst, AA ED
Pamela Boucher, T C
Carrie Bowlsby, FN D
Laura Branchini, T C
Lori Brandt, T C H ED

Kathleen Branigan, T C AA
Barbara Braymen, F E
Carol Breese, AA ED
Jean Brinkman, H ED
Donna Britten, H ED

Victoria Broer, AA AD
Jennifer Brolsma, F E PSYCH
Janice Brott, F E
Judy Brown, C D
Wanda Brown, AA AD

Diane Bruin, C D
Jill Bruner, AA CR
Linda Budeslich, F E
Maryalice Buettgen, FN D
Jeffrey Burnett, AA AD

Home Economics



Denise Burton, T C
Ronald Canaday, AA AD
Richard Carr, C D
Mary Caspers, AA ED
Anne Cerling, C D



Carol Chapman, T C
Catherine Christ, AA ID
Mary Christiansen, F E
Pamela Clark, T C H ED
Penny Clouse, F E



Deborah Cochran, H ED
Cynthia Conroy, FN D
Sandra Cook, AA ED
Carol Corning, H JL
Dana Couleur, C D



Andrea Crane, F E
Mary Creswell, IM HR
Patricia Cribbs, F E C D
Julia Cummings, C D
Kimberly Daly, AA AD



Lynn Davidson, FN FS
Bonnie Day, C D
Carol Day, IM HR
Linda DeBuhr, H ED
Harold De Laria, AA AD



Mary Derga, H ED
Julie DeYoung, T C
Susan Diaz, T C
Cheryl Dick, T C
Joyce Dielschnieder, AA ID



Nancy Doud, AA ID
Barbara Drees, F E
Lorene Duin, H ED F E
Loraine A. Dunn, C D
Julie Dusheck, H ED



Darleen DuVall, C D
Teresa Dvorak, F E
Rebecca Eason, AA ID
Christopher Ebbers, F E
Marilyn Eberle, H ED



Mary Eddy, AA ID
Sue Edmisten, F E
Donna Ehrhardt, T C H ED
Mary Einstein, AA AD
Pamela Elmitt, F E



Dianne Epps, AA ID
Pamela Erickson, C D
Beverly Fahlgren, C D
Ann Feilmann, FN D FN CD
Paul Feilmann, C D PSYCH



Janet Figgers, I MGT
Joan Figgers, I MGT
Cynthia Figulski, C D
Nancy Florine, FN D
Barbara Foote, F E



Ellen Force, AA ID
Robin Forrest, T C
Patricia Foster, F E
Kenneth Francis, AA ED
Patricia Francis, AA AD

Home Economics



Joan (left) and Jan Figgers, institutional management majors, both worked winter quarter as CUP (Coordinated Undergraduate Program) interns. Jan's internship was at the Memorial Union and Scheman Continuing Education Building. She supervised banquets, designed menus, and was in charge of waiters and waitresses. Joan planned formal dinners and ordered food at the Maple-Willow-Larch food service.

The inside story:

IM majors are confident

When you've chosen a field that's growing as fast as institutional management, you can afford a postive attitude about job-hunting.

Jan and Joan Figgers appear confident about their careers. Both have definite goals, which were made by considering the types of work they are prepared for and would be happy with, the salary range they want, and what they plan to do in their spare time.

Jan said she hopes to manage the food service of a hospital, business, or industry. She's looking for a job on the west coast.

Joan wants her own restaurant in ten years, so her courses and emphases have differed from Jan's. For the immediate future, Joan is looking, for example, at jobs in a food industry.

She would rather start in a company that offered a training program, Joan said, than to start in a position "cold."

Jan and Joan said the courses they've taken have definitely geared them towards gaining experience and getting jobs.

Besides the home economics and industrial administration courses, the major requires courses in chemistry, bacteriology, and construction engineering.

by Jeanne Handorf



Carol Frazer, H ED
Joy Freel, AA ID
Ann Fresenborg, T C
Laurie Frey, H ED
Rebecca Fulton, C D F E



Margaret Gable, H ED
Darlene Gallegher, AA ED
Theresa Gallup, H ED
Catherine Gates, T C
Darcy Gates, T C

Katheryn Gates, H ED
Marie Geake, H ED
Dixie Geiken, C D
Barbara Gifford, C C EL ED
Bobette Glasford, AA AD

Laura Glasson, T C
Dawn Goetsch, C D
Sandra Gorowsky, H ED
Jill Graber, T C
Alice Graeme, AA CR

Mary Gray, F E
Julie Green, F E
Gina Greene, T C
Constance Grenis, T C
Jill Grimm, T C

Sandra Gronewold, FN D
Patricia Groth, H ED
Denise Guldberg, T C
Vivian Gustafson, T C H ED
Bonnie Gyure, T C

Martha Haight, C D
Ann Hall, H JL
Margaret Hall, AA AD
Ann Halligan, AA ID
Teresa Hannah, C D

Home Economics

Ann Harman, H ED T C
Paulelda Harrold H ED
Emily Hartman, T C
Christi Hass, H ED
Nancy Hastert, C D



Vicki Hatcher, C D
Catherine Haug, AA ID
Cynthia Hauke, C D
Margaret Haus, AA ID
Leslie Hazelton, AA AD



Susan Hazlett, AA ID
Laura Helgeson, F N
Kathryn Heller, T C
Rachelle Hemm, C D
Janine Hemphill, FN D FN CN



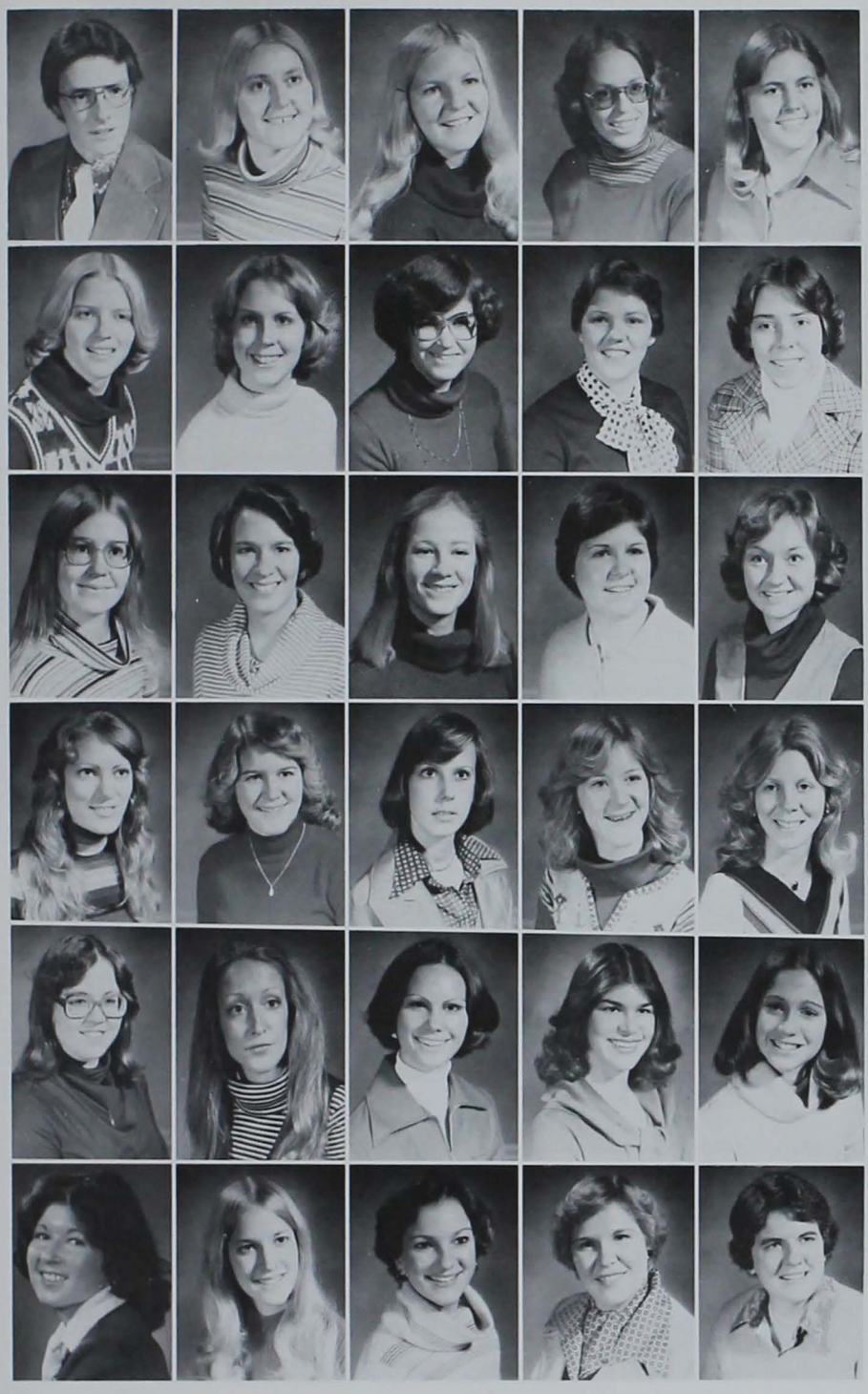
Marcia Henderson, F E
Margaret Henderson, F E
Kathleen Higgins, FN D FN CN
Betsy Hill, FN D FN CN
Dorene Hill, AA ID



Cheryl Hiner, H ED
Patricia Hodgson, AA AD
Sue Honning, T C
Nancy Honold, FN D
Georgia Hook, F E



Janenne Horn, AA ID
Lisa Horn, F N
Mary Hover, H ED
Jeri Huenecke, AA AD
Laura Hunter, H ED F E



Keith Jackson, AA AD
Diane Jacobson, C D
Brenda James, H ED
Elner Jelken, F E
Susan Jennings, F N

Beverly Jensen, C D
Sheri Jensen, H ED
Ann Johannes, F E
Katherine Johnson, H ED
Kimberley Johnson, C D

Laurie Johnson, C D
Luann Johnson, AA ID
Sue Johnson, T C
Susan Jordan, FN D
Jane Juhl, FN D

Connie Jung, AA ED
Carmen Jungst, H ED
Juliann Kavitski, H JL
Marla Keith, T C
Connie Kelley, AA AD

Bobbi Kennedy, AA ID
Lynanne Kerr, C D
Karla Killinger, AA ED
Julie King, AA ED
Lydia King, FN FS

Joanne Kinsella, T C
Robin Kiser, C D
Elizabeth Knittel, T C
Luann Koepke, H ED
Theresa Kohlhaas, F E

Home Economics

Margaret Koncel, FN D I MGT
Susan Kostiwa, F E
Kristin Krane, F E
Alice Krause, AA CR
Lorri Krause, C D



Nancy Kruse, F E
Jill Kubichek, AA ED
Kimberly Kubler, F E
Linda LaGue, FN FS
Cynthia Lamb, C D



Patricia Lanholdt, C D EL ED
Debra Lang, AA ED
May Langbehn, AA ED
Joan Larson, FE AA ID
Julie Larson, H ED



Laurie Larson, F E
Margaret Layton, H JL
Shirley Leaders, H ED
Ellen Ledet, FN D
Peggy Leer, FN D



Jan Lehnertz, C D
May Letko, FN D
Christine Lewis, H ED
Martha Lichter, T C
Sherri Logan, H ED



Jennifer Lovett, F E
Mary Luedtke, AA AD
Rebecca Maahs, AA AD
Norma Machacek, F E
Sarah Mackin, FN FS





Sheila Madden, T C
Victoria Madden, C D
Tony Magnall, IM HR
Barbara Mahlstede, FN D
Patricia Manikowski, T C



Richard Mark, C D
Shelley Martin, T C
Robin May, AA ID
Michelle McMahill, C D
Jane Melang, H ED



Barbara Meyer, F E
Deanna Meyer, AA AD
Gwen Meyer, FN FS
Lynee Mientus, T C
Marilyn Mier, F E



Carolyn Millage, C D
Janelle Miller, FN D FN CN
Kathleen Miller, C D
Matha Miller, AA ID
Sue Moberly, T C



Kim Modracek, F E
Janean Moore, H ED
Yvonne Morgan, H ED
Jane Moorison, FN D
Ann Moss, T C



Debra Movick, AA ED
Linda Muller, H ED
Luann Murphy, F E H ED
Gwen Myers, H ED
Janice Myrick, T C

Home Economics



Mary Nagel, C D
Annis Nelson, H ED
Diane Nelson, T C
Karen Nelson, F E
Mary Nelson, H ED



Joyce Nerem, AA ED
Key Newton, T C
Diane Nitchals, AA ID
Christine Nolin, H ED
Rhonda Nomann, FN D



Carol Nordskog, C D
Jane Norman, T C
Connie O'Connell, FN D
Mary O'Conner, FN D
Mary Ohl, C D



Rose Ohlinger, C D
Susan Olsen, AA AD
Jane Olson, T C
Ann Ortmeyer, H JL
Cathy Osborn, AA ID



Janet Otis, FN D
Shelli Panzi, F E
Linda Paolo, F E
Amy Pearson, AA AD
Patti Peckumn, H ED



Stephen Perrella, AA
James Peters, AA AD AA ED
Amy Peterson, H JL
Donna Peterson, F N
Susan Peterson, AA ID



Elizabeth Petrusha, F E
Mary Pfeiffer, AA ID
Roberta Phelps, T C

Janet Phipps, FN D
Arlue Pierce, H ED T C
Janet Piper, AA AD

Kristie Plummer, AA ID
Jan Pollard, FN D FN CN
Sherrie Porter, AA ED

The inside story:

Studer plans private practice

Imagine a job that
1) is lined up months before your graduation
2) fills a need in your part of the state
3) makes you your own boss.

Deb Studer, a spring quarter graduate, had all this lined up by the beginning of winter quarter.

Studer set up a private dietetics practice in Algona, where, she said, doctors have had to refer patients to Mason City, 65 miles away, to see a dietician.

She also will be developing a market for her skills with area nursing homes and other institutions on a consultation basis, she said.

Persons who have been ordered by their doctors to follow a special diet, for example, low calory or sodium restricted, and referred to her for help determining what foods to eat. She also helps the patient to understand the reasons for the diet, she said.

Studer said she didn't anticipate many overhead costs, but would like a slide projector and other instructional aids in her office, because "a dietician is really a teacher."

She did have to buy a business license and liability insurance. The business license came as somewhat of a surprise, she said, but liability insurance was also need for her internship at Iowa Methodist Hospital in Des Moines fall quarter.

The internship, required for dieticians, is normally a year long. Studer was able to complete it in a quarter because she was accepted into the Coordinated Undergraduate Program, a rigorous course for selected dietetics majors who applied in their sophomore year.



Studer said in December that there are no other dietiticians in private practice in Iowa, since most work through medical institutions.

by Mary Eldridge Bailey

Home Economics



Gloria Potts, FN D
Karen Pouk, T C
Cynthia Pride, F E
Harriet Ransdell, AA ID
Mary Rasmussen, I MGT

Ann Reavis, FN D FN CN
Kristen Reis AA ID
Maurine Rich, FN D
Carol Richter, FN C
Freda Riecken, F E

Stephanie Riefe, AA ID
Laurie Riggert, AA ID
Virginia Ripperger, C D EL ED
Julie Rodgers, H ED
Jill Rogers, FN FS

Susan Roloff, T C
Carolyn Rosen, IM HR
Teresa Ruter, FN D
Mary Ryan, T C
Carol Ryon, H ED

Georgene Sandt, FN D
Laurie Schafer, AA ID
Doreene Schelle, C D
Catherine Schiltz, FN CN FN D
Janice Schlesselman, H ED

Kimberly Schmidt, H ED
Rebecca Schoon, T C
Pam Schrandt, F E
Beth Schroeder, IM HR
Mary Schultz, H ED



Cecelia Schweers, H ED
Cheri Scott, T C
Laura Scott, T C
Wendy Scott, H ED
Donna Seaman, F E H JL

Michelle Seeds, AA ED AA AD
Clay Sewell, AA CR
Teresa Sexton, AA ID
Sarah Shafer, C D
Mary Sherman, AA ED

Nancy Sievers, T C
Marilou Silberman, T C
Cheryl Smith, F TCH
Sherry Smith, AA ID
Heather Soladay, AA AD JLMC

Nancy Spies, FN D
Rebecca Stall, T C
Robin Steffens, T C
Michelle Steffensmeier, AA ED
Susan Stegemann, C D

Debra Studer, FN D
Barbara Stumbo, H ED F E
Sheryl Stump, H ED
Kathleen Sullivan, H JL
Rebecca Tarson, IM HR

Julie Tasler, H ED
Nancy Taylor, AA ED
Cynthia Telshaw, AA ID
Susan Tempel, F E
Toni Terrell, H ED

Home Economics

Karen Thielan, H JL
Kimberly Thuente, C D EL ED
Susan Thuma, C D
Julie Thurnau, C D
Karen Tisinger, H JL



Carol Todd, T C
Jan Toenjes, T C
Karen Topf, H ED
Deloris Travis, C D
Sally Troxell, AA AD



Debra Trumper, AA ID
Lori Tursi, AA AD
Nancy Uster, C D
Fattaneh Vakili, FN D
Elaine Vale, FN RS



Deborah Van Buskirk, H ED
Bruce VanDerBeek, F E
Jane Van Ginkel, FN D
Annette Varley, F E
Lisa Vaughn, FN FS



Mary Vieth, AA ID
Jane Vikesland, T C
Kathleen Vittitoe, T C
Beatrice Volk, FN D
Jill Vorba, F E



Christina Wagner, F E
Debra Walker, AA ID
Rita Walsh, T C
Brenda Walters, H ED
Wendy Warrior, F E





Joni Weerheim, H JL
Paula Wehr, H ED
Michael Weller, AA AD
Martha West, F E
Janet White, FN D FN CN

Minnie White, T C
Joan Wiche, T C
Barbara Wiese, FN D
Linda Wilcox, T C
Janice Willeke, AA CR

Joan Willer, AA ID
Robin Willers, AA ED
Lucy Williams, C D
Dana Willig, AA ID
Patricia Wilson, C D

Roberta Wilson, H ED
Virginia Wilson, T C
Ann Wittrock, AA ID
Kinberly Wolfe, AA AD
Janie Wonders, AA ED

Lynn Woodward, F E
Robyn Workman, T C
Wendy Woroch, FN D
Diane Wortley, FN D
Jeanie Wright, AA ID

Janet Wulfekuhle, T C
Lori Youngren, H ED
Teresa Zahner, F E
Kimberly Zarley, AA ID
Lorraine Zelle, AA AD

Home Economics

Mann: 'College not preparation

In the College of Science and Humanities, business, technical, and quantitative majors are the best to be in to get jobs.

JoAn Mann, placement director, said the concern over energy has made research a growing field. But whether this continues depends on government expenditures, which in turn depend on whether the Carter tax cut is really a tax cut.

Some big companies will take any S & H major for management trainees, or generalist positions, as Mann calls them.

She thinks there's a trend toward businesses hiring more generalists, she said, but whenever the economy takes a dive, these positions are cut.

She used herself as an example. She graduated with the qualifications to teach German, but there wasn't a job market for it, she said. And she said she is probably happier in her present position than she would have been teaching.

Mann said that most students declare the major in which they want to get a job. It is good to be specialized, she said, but if a person is too specialized, he can be too limited.

Specialization is like a set of "blinders" which limit the student's exposure to knowledge. Sooner or later, this will cause problems, Mann said, because the student hasn't kept up with the broader needs of society.

Students in the sciences, she said, should be exposed to the humanities, and vice versa.

Engineering and computer science majors, for example, have a broader range of exposure because of the university-wide requirements.

But students of liberal arts can make it through without taking any hard core sciences, she said. They can get away with taking courses that skirt the technological subjects.

With the increasing importance of technology in the economy and society, the liberal arts student needs to be exposed to science.

Mann said that students shouldn't equate having to go to college with being able to get a job. College is not a preparation for a job, she said, it's a preparation for life.

With this in mind, students should choose majors which they feel will add to the fullness of their lives. And they should use summers for career exploration, she added.

The key, Mann said, is not getting a job in your major, but in getting one where your interests lie.

Flexibility and desire are two important considerations a student should take into account in a job interview, said Mann.

An interviewer must be willing to move anywhere a position requires. Many students, she said, want to stay in Iowa or the Midwest, which greatly limits the number of jobs available to them in their major.

A student who wants to stay in a small town, for example, probably won't be able to find a job that his computer science major prepared him for. It comes down to which is more important to him, a job in his major or living in the place he wants, she said.

The statistics about students getting jobs in their major can be misleading, Mann said. They wouldn't account for the

for a job'

person, for example, who takes a job in a different area than his major and is satisfied with it.

There are statistics, she said, that show that 80 to 85 percent of the graduates are finding positions compatible with their interests.

These numbers are more significant than the cut-and-dried statistics of who got jobs in particular majors, according to Mann.

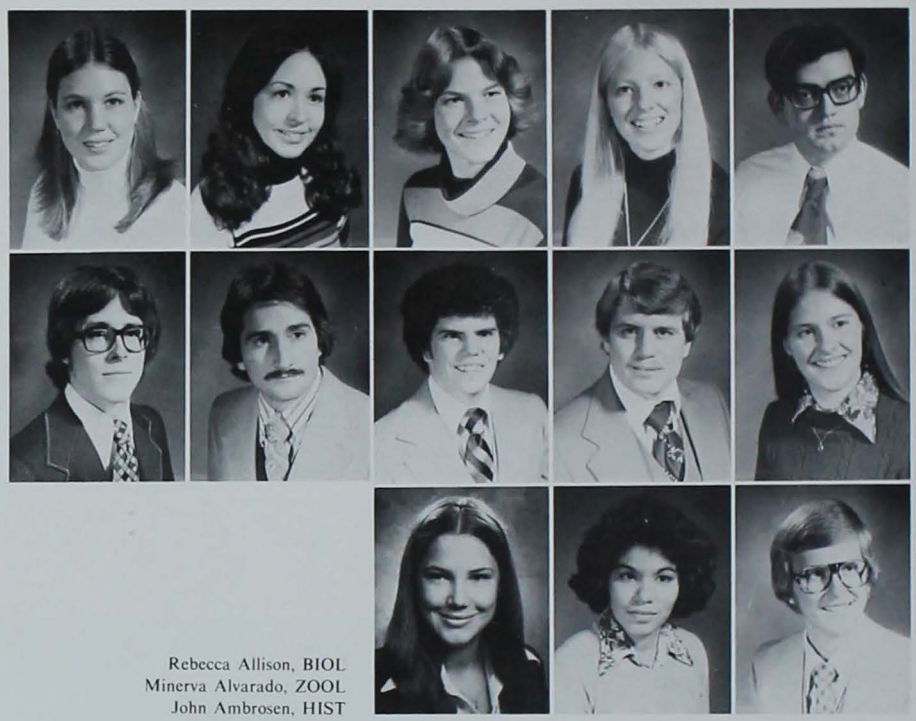
With the increasing importance of technology, the students with emphases in these areas are often able to get jobs more rapidly, Mann said, but the major isn't the only factor in getting a job. Any person, she said, with the desire to get the job he wants will go out and get it, even if it takes a little longer to find.

Mann said many students picture themselves starting out with a desk job at the top. But if they're realistic about the situation, and willing to take a little lower position than they thought they could get, they may find a better chance for advancement within the company, she said.

by Patti Douglass

Science and Humanities Majors

ANTHR	Anthropology
BACT	Bacteriology
BIOCH	Biochemistry
BIOL	Biology
BIOPH	Biophysics
BIO S	Biological Sciences
BOT	Botany
CHEM	Chemistry
COMM	Communications
COM S	Computer Science
D ST	Distributed Studies
EA SC	Earth Science
ECON	Economics
ENGL	English
FRNCH	French
GEOL	Geology
GER	German
HIST	History
H ST	History of Science and Technology
HUM	Humanities
I AD	Industrial Administration
I A S	Industrial Administrative Sciences
I MAJ	Individual Major
IMBIO	Immunobiology
I ST	International Studies
JLMC	Journalism and Mass Communication
MET S	Metallurgy
MTEOR	Meteorology
MU BA	Music (Major)
MU BM	Music (Curriculum)
N S	Naval Science
PHIL	Philosophy
PHYS	Physics
P MED	Preparation for Human Medicine
PM SC	Physical and Mathematical Sciences
POL S	Political Science
PSYCH	Psychology
R SOC	Rural Sociology
RUS	Russian
S & H	Sciences and Humanities Open Option
SB SC	Social and Behavioral Sciences
SCI S	Science Special
SOC	Sociology
SP	Speech
SPAN	Spanish
STAT	Statistics
ZOOL	Zoology



Kimberly Abbey, PSYCH
Carol Adams, ZOOL
Kimberlie Adams, I AD
Beth Agard, JLMC
Azeem Ahsan, CHEM

Craig Aldag, I AD
Richard Aldridge, ZOOL
Patrick Allee, JLMC
Chris Allen, JLMC
Vickie Allen, BOT

Rebecca Allison, BIOL
Minerva Alvarado, ZOOL
John Ambrosen, HIST

The inside story:

Music at ISU

Dalene Bubeck first came to Iowa State for a Talent Evaluation Day when she was a junior at Clarion. "From that time on, I knew I would come to ISU," she said.

The next year she returned to the event, and won a four-year scholarship.

Bubeck said she played the piano by ear at four, and learned trumpet and violin in grade school. But in spite of her talent for music, studying it hasn't always been easy.

"There have been times when I would have thrown it all out the window" if it hadn't been for the help and counseling of Dr. Marion Barnum, she said.

The personal contact that music department staff members have with their students is excellent, Bubeck said.

She has played professionally for Professor Eric Van Camp at William Penn College, and before delegates of the 1976 World Food Conference. A crowd of 200 attended her senior recital in January.

"If my expressions through my music can help others share my feelings for it, then I have reached my goals," Bubeck said. by Roz Whiton



Pianist Dalene Bubeck intends to continue her study of music after graduation from Iowa State. She wants to teach at the college level some day, she said. Bubeck, the FOCUS music award winner last spring, practices an average five hours a day.



Cynthia Andersen, COM S
Robert Andersen, COM S
Carl Anderson, COM S
Christine Anderson, ENGL
Rosalie Anderson, BIOL

Elaine Andrews, POL S
Thomas Andruska, D ST
Robert Antol, MATH
Steven Arend, I AD
David Arringdal, I AD

Janice Ashland, ENGL
Galen Aswegan, MATH PHYS COM S
Jeffrey Aten, I AD
David Austerlade, I AD
Andrea Avazian, POL S

Zoraida Avilan, I AD
Scot Babbitt, GEOL
Stephen Bachman, I AD
Terry Bachman, I AD
Pamela Bahr, ZOOL L SER

John Bain, I AD
Catherin Ballard, ENGL
Robin Barghols, ENGL
Ann Barnhard, D-ST
Andrew Barrnett, I-AD

Jahn Bartelt, SPAN
Judy Bates, I-AD
Barbara Beal, ENGL
Sondra Beckwith, ANTRO
Kerry Beeder, ZOOL

Science and Humanities



Judy Beitz, SOC
Clarke Bell, JLMC SOC
Diane Bell, SP
Jane Bell, COM S
Ross Beller, I AD



Timothy Bender, PSYCH
Randy Benesh, I AD
Ellen Bengtson, I AD
Berry Bennett, HIST
Marguerite Bennett, SP PE



Kay Berger, SOC
Stephen Begmeir, CHEM
Brain Biegger, I AD
Julie Black, ENGL
Scott Blakesley, POL S SP



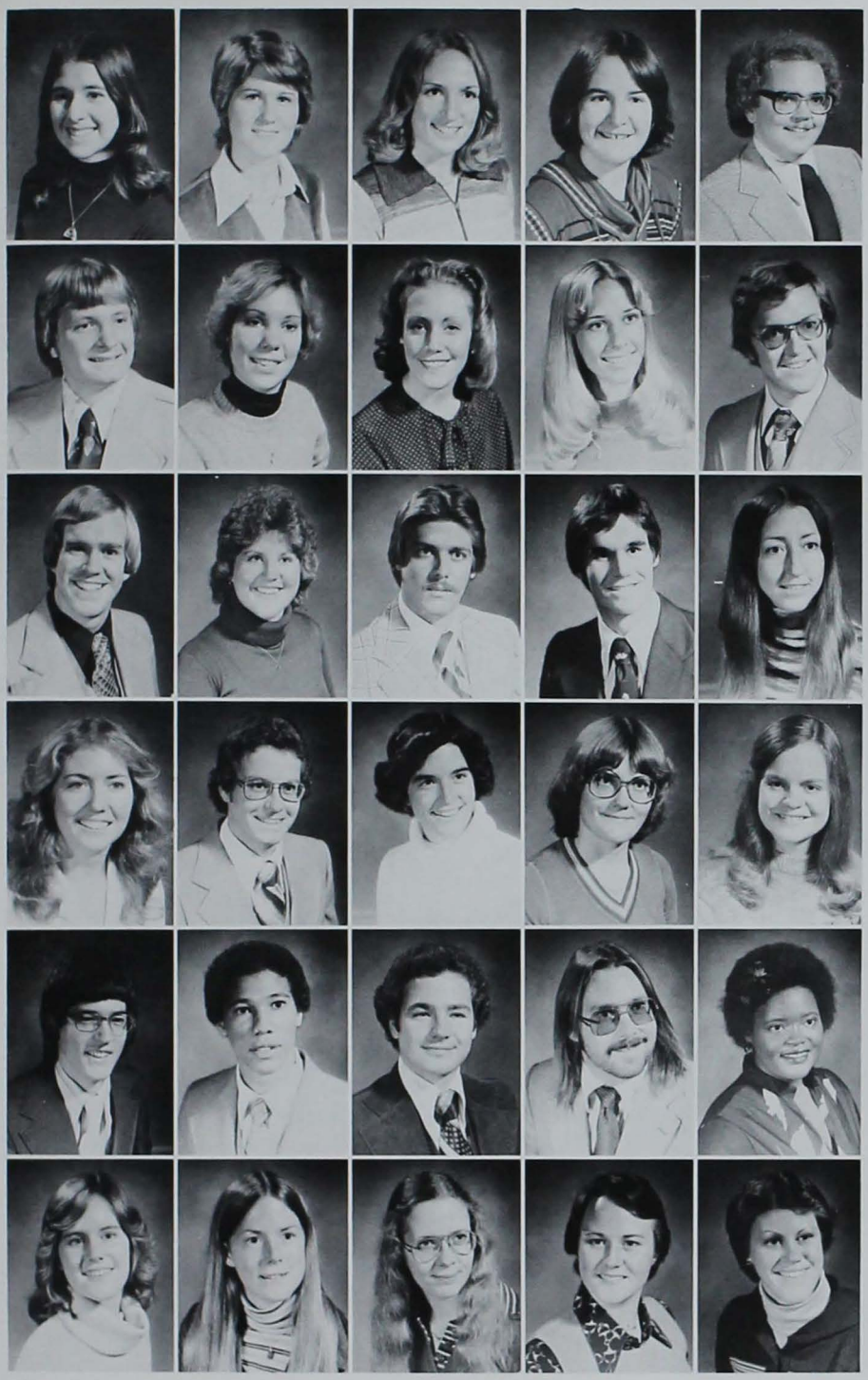
Tamara Bledsoe, MATH ECON
Michael Bloomburg, POL S SOC
Brain Bock, BIOL PSYCH
Deborah Bock, SPAN P E
Douglas Bockenfeld, D ST



Kerry Boedeker, ECON
Mark Boehm, I AD
Debra Boetto, POL S
Dennis Bole, SP
Wayne Bovey, SOC



William Boyd, I AD
Jay Braband, D ST
Nora Brennan, I AD SOC
Marla Brenton, ENGL
Paula Brooks, BIOL



Kathy Brower, BIOL
Barbara Brown, I AD
Barbara Brown ZOOL
Deborah Brown, ZOOL
Michael Brown, PSYCH

Ronald Brown, HIST
Nancy Bruemmer, JLMC
Mary Bruening, ECON
Dalene Bubeck, MU BM
David Bubke, I AD

Michael Buck, I AD
Rhonda Budlong, ZOOL
Thomas Burford, COM S
Steven Burgason, JLMC SP
rger, D ST

Becky Burke, ENGL
William Burke, I AD
Anne Burkholder, I AD
Janice Burns, PSYCH
Mary Burns, BIOCH

Richard Byers, I AD
Vernon Camp, BACT
Craig Campbell, ECON
John Carberry, ENGL
Joyce Carbins, ZOOL

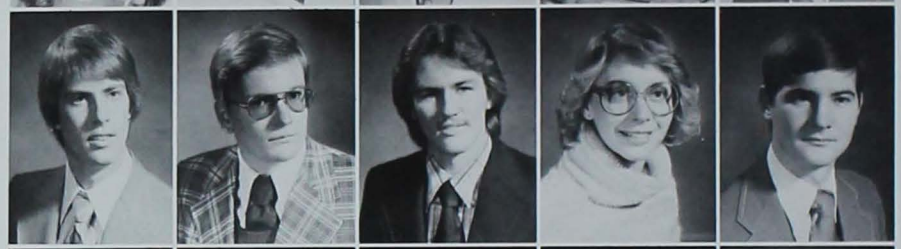
Wendy Carlson, PSYCH SOC
Colleen Carr, COM S
Mary Carr, SOC
Theresa Carroll, SP
Jill Cerne, ENGL

Science and Humanities

Caroline Chantry, BIOL BIOCH
Barbara Chapin, BACT
Timothy Chapman, POL S HIST
Grace Cheung, BIOCH
Mark Christian, COM S



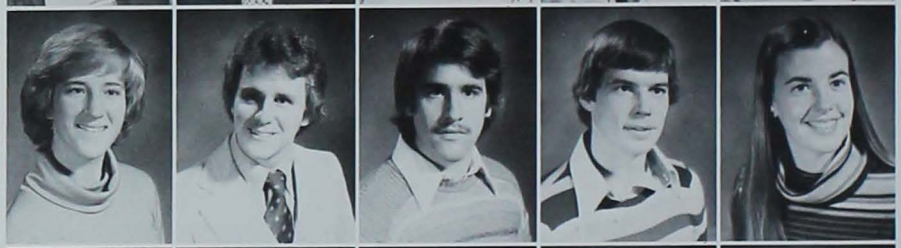
Daniel Clement, I AD
Robert Clemons, ZOOL
Jeoffrey Close, HIST ECON
Elizabeth Clow, I MAJ
Michael Clow, N S



Debra Cole, SOC
Brian Collins, I AD
Mary Collins, ZOOL
James Colton, BACT
Deborah Conkling, ENGL



Karen Conrad, ENGI SPAN
Craig Converse, I AD
Robert Copeland, COM S
James Cox, BIOCH BACT
Cynthia Coyle, I AD



Susan Cram, I AD
Lois Cramer, FRNCH
Michael Crandall, CHEM
Barbara Crockatt, I AD
Debra Crooker, JLMC



Henry Cruz, I AD
Phyllis Cullin, SOC
Kenneth Cumpston, I AD
Anne Dakovich, I AD
Marilyn Damge, I AD

The inside story:

GSB president tells her story

Scholastic honors and extracurricular activities have filled much of Mary Beth Howe's four years at ISU.

Howe, 1977-78 president of the Government of the Student Body (GSB), is well-known around campus because of her leadership positions in committees and activities at Iowa State.

She will be graduated spring quarter with a double major in sociology (social work) and psychology.

"I have plotted my own way through school, and planned my own undergraduate double curriculum, which I am very pleased with," she said.

She added that she did not declare a major for nearly two and a half years before deciding on her career goals. "It has been helpful in making me happy with what I have chosen. Now I can build on it."

Howe has had in-field experience in her major. Through a university extern program, she worked for the Broadlawns Hospital Psychiatric Ward. For a social work practicum, she was a Polk County Legal Aid one summer.

She decided to enroll at Iowa State after graduating from Hoover High School in Des Moines, she said, because it offered her a good liberal arts base. Since she was planning to go to either medical, law, or graduate school, it would be to her advantage to have a broad background in courses, she explained.

Her plans have since been finalized to the extent that she is applying to go to law school following graduation.

One of her major goals in coming to ISU was to meet a variety of people. She said she has achieved this mainly through her involvement in campus organizations and activities.

As a freshman she was president of Alpha Lambda Delta, then a women's honorary for career plans and academics.

Howe held the position of general co-chairperson of Residence Hall Week as a sophomore at Iowa State. "I was in charge of people two or three years older than myself, so that was definitely a good leadership experience for me," she said.

During her work with RHW, she realized that working with GSB would be beneficial to her in her goal of helping students, she said. "I was indirectly working with GSB, and began to think that I would enjoy helping people and voicing students' pleas directly."

While president of GSB, Howe has dealt some issues that involved all students, such as the drop policy controversy, and the student health service.

Other GSB issues concerned select groups of students, such as the demand for more cheerleading and publicity for women's sports, and the studies of campus lighting and sexual assault services.

She sees GSB as an outlet for action and for gettings done for students, she said.

Her advice to students who want to get involved is "Keep things in prespective." She believes that "if you're not able to handle a course load or keep yourself going, you will not be effective in anything you do."

by Roz Whiton



Gerianne Darnell, I AD
Beverly Davidson, HIST
Janet Davis, I AD
Jane Davison, ENGL
Julie Dematus, JLMC

James Dempsey, ZOOL
Daryl Dennis, I AD
Karen DeVoll, SPAN
Mary Derks, I AD
Randy Diers, POL S

Science and Humanities

Tom Dillavou, I AD
Merrie Dirks, PSYCH SOC
Margaret Dittert, I AD
Kenneth Doak, I AD
Jay Dohrmann, I AD



Thomas Donahoe, PHYS
Randy Dougherty, I AD
Leroy Duff, ZOOL
Kenneth Dow, I AD
Janis Early, ANTHR



Michael Eckert, I AD
Valerie Edgington, ENGL
Lynn Eggleston, SP
Ralph Ehrenpreis, BIOL
Bruce Eichman, I AD



Robert Eimers, COM S
Michael Eischeid, I AD
John Elliott, HIST
Jolene Emery, SOC PSYCH
Joseph Erceg, SP



Ann Evans, I AD
Bonnie Evans, I R
Kent Evans, I AD ECON
Emilie Evers BIOL
Donna Falcon, JLMC ANTHR



Kinberlee Fall, I AD
Linda Fangman, D ST
Connie Fanselow, JLMC
David Farus, ECON
Steven Felt, COM S





Robert Ferin, I AD
Dennis Ferraro, ZOOL
James Fifield, I AD
Jack Finley, I AD
Janice Flanagan, I AD

James Fleming, ZOOL
Beth Fletcher, D ST
Matthew Ford, I AD
Brian Foreman, I AD ECON
Larry Foster, ZOOL

Joan Fox, BACT
Debra Frank, I AD
Jill Franks, PSYCH
Brian Franz, SP JLMC
Panela Frederick, ZOOL

Linda Fredregill, ENGL
Kandice Freed, I AD
Krists Freemyer, ZOOL
Mary Freeze, PHIL
Laurie Frey, H ED

Linda Frieden, SOC
John Friederich, D ST
Stephen Frost, I AD
Joy Fuqua, HIST
Rebecca Gallagher, HIST

David Garvey, BOT
Kristine Gates, MU BM
Denise Gaumer, SP
Stephen Gee, COM S
Lorette Gegner, JLMC

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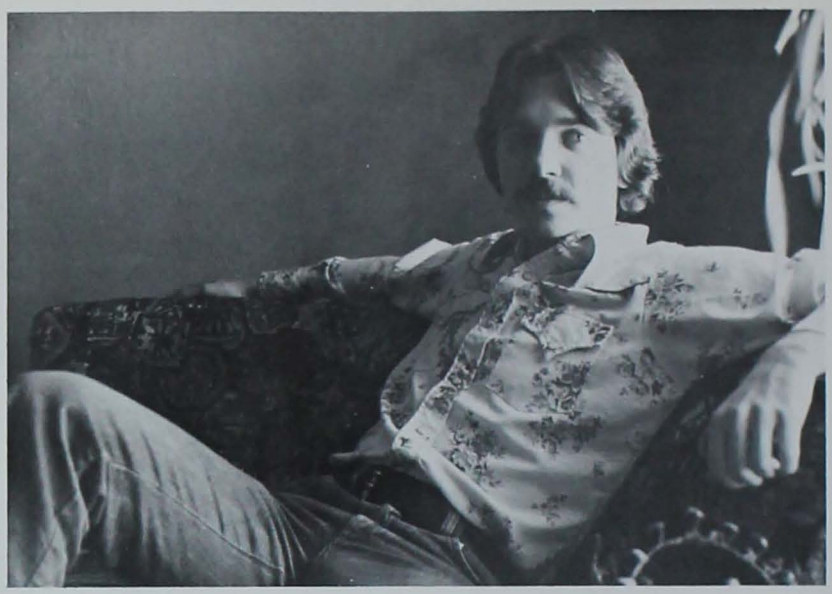
The inside story:

J. K. Ross



Theatre major J. K. Ross, who has been in 20 theatrical productions in his six years at ISU, says it's important to work in many theatres, with many differenct directors, for experience.

One of the reasons J. K. Ross came to Iowa State was to get experience in the theatre arts right from the start. He said other good theatrical schools usually have masters programs, giving grad students the advantage. They may perform often, while undergrads have to wait until their junior year, he said.

At Iowa State, he appeared in a production as a freshman. Even though the ISU productions are not "sparkling crystal" shows, he said, they offer good experience.

With the exception of some Old Creamery Theatre work, Ross has got all of his theatre experience at Iowa State.

He said he'd like to do more with community theatre than the help he's given in the past, but "I just don't have the time."

Ross has appeared in 20 major theatrical productions at Iowa State. He directed "The Owl and the Pussycat."

Being a director is also one of his hopes for the future. He'd like to act or direct in a dinner theatre, he said, because these theatres have good turnover and are located in areas where business is good.

He stresses that he does not want to go to large metropolitan areas, such as New York or Los Angeles, to act, nor does he intend to teach.

His immediate plans are to g et married and find a steady, high-paying job to pay off college debts. But his career in theatre won't be held up for long, he explained, because he intends to keep his "steady" job only for a year.

There is no placement service to find theatre jobs for students. Ross said he has to be aggressive to be successful in the arts. After he has placed himself, he said, one job will lead to another.

According to Ross, his practical work has given him the preparation he needs for finding jobs. "You have to be constantly performing to master your craft," he said, "because it's an art form."

by *Jeanne Handorf*



Stephanie George, SOC
Kathryn Geshay, I AD
Joel Geske, JLMC
Mark Glasnapp, I AD
Thomas Gleason, ZOOL

Rick Govern, I AD
Ann Grafing, JLMC
Paul Greene, I AD CON E
Marthina Greer, D ST
Steven Gregg, PSYCH



Bruce Grenier, I AD
Timothy Grochala, ECON I AD
Anne Gross, JLMC ECON
Gregory Grove, MU BM
Joseph Grove, I AD

Debra Grundman, JLMC
Carolee Gruneich, ENGL
Linda Gudenkauf, ZOOL
Mary Gulick, HIST
Bruce Gustafson, I AD

Susan Guthrie, SP
Susan Haberman, BACT
Gayle Hager, SOC
Mary Hain, PSYCH
Debra Halverson, BIOL

Mary Halverson
Josephine Hand, ENGL
John Handfelt, I AD
Kathleen Hanlon, HIST JLMC
Anthony Hansen, I AD

John Hansen, MATH
Robert Hanser, I AD
Joseph Harbacheck, I AD
Jean Hariman, ANTHR
James Harper, COM S

Deborah Harrell, ZOOL
Charles Harris, I AD
Brad Hart, POL S
Craig Hart, I AD
Valerie Hartman, BIOL

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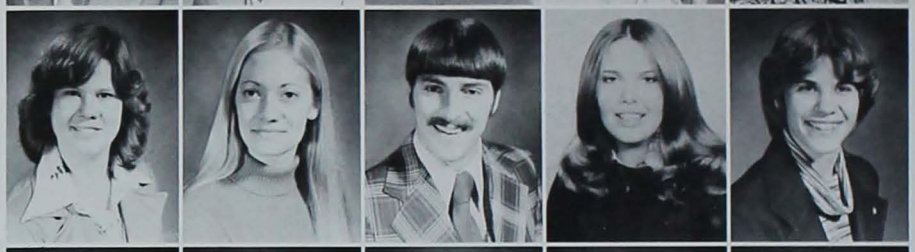
Kent Hartung, ZOOL
Scott Harvey, I AD
Debra Hazelton, HIST
Nadean Heck, SOC
Jan Heers, BIOL



Laurie Hefty, I AD
Becky Heitzman, I AD
David Hendricks, SOC
Elizabeth Herigstad, SP
Nancy Herink, I AD



Joel Hermann, SP
Steven Herrington, I AD
Catherine Hertz, ECON
Mary Hested, PSYCH
Robbin Hibray, I AD



Kevin Hichman, ECON
Thomas Hidder, I AD
Todd Hill, I AD
Patricia Hilton, I AD
Julie Hinson, ZOOL



Lori Hoberg, JLMC
Henry Hocraffer, COM S
Paul Hoefer, I AD
Mark Holmberg, BIOPH
Frederick Homan, HIST



Taco Homburg, FRNCH
Linda Horan, I AD
Allen Horn, I AD
Gene Horton, SOC
John Hotovec, MTEOR



Marsha Houston, BIOL
Mary Howe, SOC PSYCH
Donna Hubert, BIO S
Patrick Huelman, I MAJ
Sandra Hume, BIOL

Mark Humphrey, JLMC
Gale Hunter, I AD
Glenda Huntsman, ENGL
Joel Hurmence, COM S MATH
Stacie Huse, SOC

Paul Iasevoli, SPAN
Jo Irwin, MU BA
William Jacobs, JLMC ECON
Daniel Jacobson, AD
Jeffrey Janseen, CHEM

Allen Jensen, BACT
Bradley Jensen, I AD
Lori Jensen, SP
Anngie Johnson, PSYCH
Charles Johnson, SP

Cynthia Johnson, I AD
Gene Johnson, I AD
Julie Johnson, ANTHR
Kent Johnson, ZOOL
Steven Johnson, I AD ECON

Bradley Jones, BIOL
Martin Jones, I AD
Roger Jones, HIST
Sheri Jorgensen, I AD
Terry Jorgensen, I AD

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Douglas Kacena, I AD ECON
Neal Kaloupek, COM S
Kenneth Kanouse, ZOOL
Douglas Kappeler, I AD
Nancy Kelso, ZOOL



Michele Kerwin, ENGL
Kerry Kimberley, SOC
Allen King, ECON
Sandra King, I AD
Diane Kinkade, POL S



Joan Kinsman, ENGL
Stephen Klause, ZOOL
Mark Klinkefus, ZOOL
Soraat Klinpratoom, COM S
Debra Klinzing, I AD



Karen Klongerbo, PHIL
Larry Knapton, COM S
Margaret Knowles, ZOOL
Brent Knox, CHEM
Joan Knudsen, I AD SPAN



Marilee Koetz, I AD
Stephen Kohl, SOC PSYCH
Scott Kollman, I AD
Robert Koppin, I AD
Barbara Kozishek, JLMC ENGL



Barbara Krabbe, PSYCH
Kurt Kriegler, I AD
Kirsten Krueger, SOC
Patrick Krug, BIOL
Gwen Kuhrt, JLMC



Joan Knudsen double majored in industrial administration and Spanish—an uncommon combination.

The inside story:

Career plans require unusual double major for Knudsen

The double major combination of industrial administration and Spanish is so unusual at Iowa State that it seems it's only happened once.

Joan Knudsen became interested in making foreign language part of her career, she said, while serving as a high school student ambassador in Argentina. Because of increased negotiations with South American countries over resources, she said, there is a need for Spanish-speaking sales representatives. She believes that job opportunities will increase in coming years.

Knudsen hopes to become a field representative for a company based overseas. This would involve being based in a large city; doing research, and selling. She is looking forward to exploring other countries in her free time.

"A beautiful campus" and two Iowa State scholarships brought Joan to ISU. She has also received a State of Iowa scholarship, a Schrampfer industrial administration scholarship, and two foreign language scholarships. And she maintained gradepoint average above 3.8.

But this senior from Cedar Rapids found time to become involved in campus activities as well. She served as treasurer of the American Marketing Association and Phi Sigma Iota. She also was on the Student Committee United for Foreign Language Enhancement and the Industrial administration Student Advisory Council, and has tutored other students in Spanish.

by Nancy Carver



Monica Kurtz, JLMC
Gregory Kveton, I AD
Barbara Lacke, D ST
Teri Ladwig, PSYCH SOC
David Lafond, BIOCH

Julie Landon, I MAJ
Debra Landwehr, JLMC ENGL
Robert Landwehr, I AD
Lawrence Lang, ZOOL
Julie Larsen, ENGL

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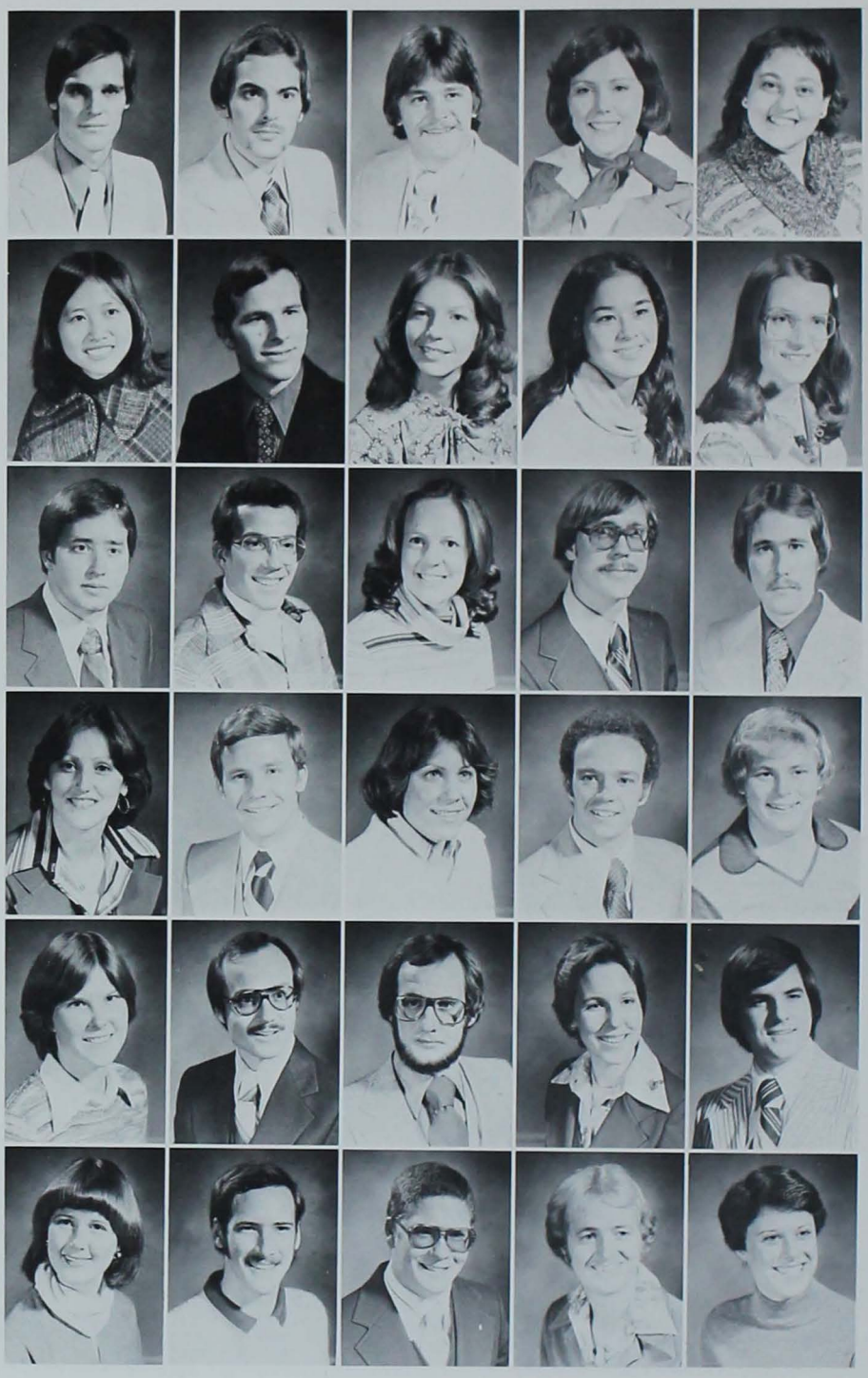

Richard Larsen, ZOOL
Steven Larsen, POL S
Ty Larsen, I AD
Debra Lasson, COM S
Shira Lavender, JLMC ENGL

Kwai-Fun Law, JLMC
David Lay, PHYS PHIL
Beth Leban, JLMC
Barbara Lee, BACT
Linda Lee, PSYCH SOC

Ronald Lee, I AD
Nathan Leigh, P MED
Sally LePage, D ST
David Lesch, CHEM
Tim Leuthauser, ENGL

Pamela Levitt, JLMC
Joel LeWarne, COM S
Susan Lewin, PSYCH I AD
Dennis Lewis, I AD
Michael Lilly, I AD

Pamela Linner, COM S I AD
David Liston, I AD
Mark Loeschen, SP
Jane Lohry, I AD ECON
Anthony Longnecker, I AD ECON

Lauri Loth, I AD
Peter Loveall, MATH COM S
Douglas Lower, MTEOR
Steve Ludwig, I AD
Carolyn Lueder, SP



Sheila Lundt, POL S I ST
William Luterback, I AD
Mary Lutz, ZOOL
Paul Maassen, I AD
Kathy Mahoney, I AD

Judith Makousky, ZOOL
Mary Malloy, ENGL
Kenneth Manahl, GEOL
Kristen Mangels, SOC
Ann Manley, JLMC

Michael Margitan, COM S
Charles Martin, MU BM
Michelle Matheson, BACT
Debra Mauer, ENGL
Chantry Maxwell, ENGL HIST

Edward May, I AD
Michelle McCollough, JLMC
Kathryn McCoy, JLMC, AA AD
Karen McDermott, ENGL
Joseph McDonald, I AD

Mary McDonnell, COM S
Stacy McGauvran, JLMC I ST
Teresa McGiverin, I AD
Thomas McGivern, ECON
Marlene McGregor, PHIL

Thomas McManigal, SP
Jonathon McPheron, MTEOR
Paul Meenan, JLMC
Joyce Meldrem, I AD
Jack Messerschmitt, I AD

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The inside story:

'Participation will get me a job'

Peggy Schelin will complete her zoology degree spring quarter, but because of her involvement in campus activities, she's decided to study management at the graduate level.

"Being involved in activities here has already paid off. I've learned more from dealing with other people than from classes," she explained.

Schelin is a member of Cardinal Key, Mortar Board, and Lampos, and holds offices in two of the honoraries.

She's been especially active in the residence hall organizations. Her list includes being president of the RCA, New Student Week coordinator, and member of the Tri-Association Budgetary Commission for three years. In 1976 she was in charge of communications for a national residence hall association.

She feels her gradepoint will help her get into grad school, she said, but the activities experience will help her get a job.

by Sue Plantz



"Get involved" is Peggy Schelin's advice to all students. Schelin has been involved in several residence hall and honorary organizations, and in 1977 was president of the RCA.



Joyce Metcalf, SP PSYCH
Karin Mezey, ZOOL
Julie Mickelson, I Ad
Christine Miller, I AD
Mary Miller, I AD

Barbara Mitchell, I AD
Cynthia Moeller, I AD
David Moenk, I AD
Phillip Moershel, BIOL
David Monson, BIOCH



Ted Montgomery, I AD
Marie Moody, D ST
Brian Moore, I AD
Robin Moore, ENGL
Bradley Morford, SP

Patricia Morgan, JLMC
Patricia Morin, SP
Michael Morrill, I AD
Donald Morris, PHIL
Garry Morris, HIST EA SC

Patricia Morrisey, SOC
James Morton, I AD
Jane Moser, ZOOL
Rose Mullen, D ST
Don Mullison, PSYCH

Kathleen Murphy, JLMC
Gregory Myers, I AD ECON
Theodore Nam, P MED ZOOL
Stella Nathanael, SOC
Michael Neal, SP

Cindy Nelson, I AD
Steven Nelson, ZOOL
Susan Nelson, I AD
Steven Netcott, I AD
Kevin Niceswanger, JLMC

Cara Nissen, I AD
Michael Nockels, I AD
Ed Noethe, I AD
Margaret Noll, ZOOL
Tom Nolte, S & H

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Paula Norby, I AD
Janet Norris, I AD
Jon Norris, HIST
Elizabeth Noyes, PSYCH SOC
Michael Nunn, COM S I AD



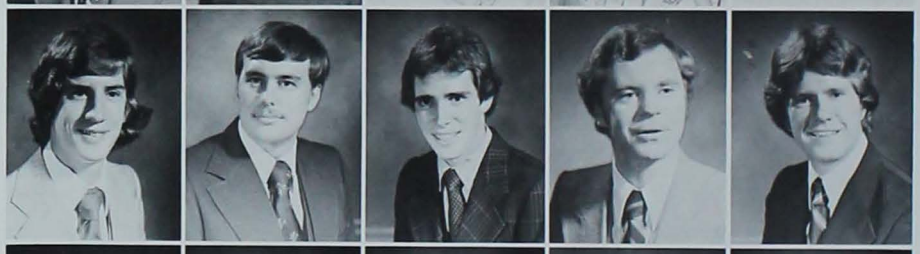
Alvin Nunnikhoven, I AD
Sharon Oakman, ENGL
Phillip O'Brien, COM S
Brian Oeffner, SP
Carolyn Olson, I AD



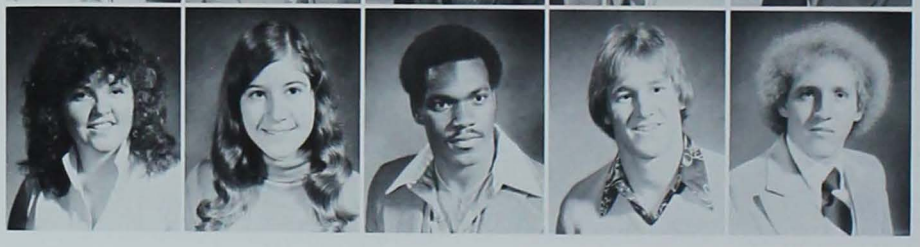
Daniel Olson, I AD ECON
David Olson, SOC PSYCH
Thomas Olson, PSYCH
Cheryl O'Neal, ENGL
Douglas Osterman, I AD



William Oswald, I AD
Joseph Otto, I AD
Brian Owens, ZOOL
Michael Pahl, COM S
Mary Parker, D ST



Richard Patterson, I AD
Frank Paul, I AD ECON
John Paule, COM S
John Pearce, POL S
Rex Pearson, I AD



Kay Pedretti, SOC
Debra Pennock, MU BM
Lenzy Perine, I AD
Craig Petermeier, I AD
Harold Petersen, I AD



David Peterson, BIOL
Joyce Peterson, ZOOL
James Pettit, RUS INT ST
Nancy Pinkston, SP
Kenneth Pins, HIST

Peter Pintus, SP
Carolyn Porterfield, ZOOL
Pamela Potzer, PSYCH
Scarlett Powers, PSYCH SOC
Mary Price, JLMC

Lynn Puddington, ZOOL
Stephen Quinlan, ZOOL
Karen Radakovich, I AD
Pamela Ratekin, I AD
Keith Rawson, COM S

James Remenick, ZOOL
Kevin Reynolds, POL S
Douglas Riker, PSYCH
Kurt Ritter, I AD
Marceta Roberts, D ST

Carmel Robinson, S & H
Denise Rodd, S & H
Diane Rogers, ENGL
Dennis Rogers, BACT
Renee Rohde, ZOOL

Dennis Rosauer, ECON
Gretchen Rosenberg, BACT
Philip Ruhoff, CHEM
Richard Rush, I AD
Joy Salsman, JLMC

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Lavonne Salton, PSYCH L SER
Michael Scacci, I AD
Jerome Schaack, BIOCH BIOL
Caryn Schall, SP
Peggy Schelin, ZOOL



Jane Schnoor, ZOOL
Craig Schroeder, I AD
Scott Schulze, SOC I AD
Susan Schwartz, SP
Anne Scott, BIOL



Ronald Scriver, I AD
Jean Selinger, SP
Mary Shacka, MATH
Patricia Sheil, D ST
Richard Shepard, I AD



Betty Sherman, I AD
Earl Shimaoka, COM S
Kathy Sibbel, COM S
Kenneth Sidey, JLMC
Nicki Sigulas, ZOOL



James Sill, PSYCH
Robert Simonsen, I AD
Vickie Sims, MU BM
Daniel Skadal, I AD ECON
Mary Skarshaug, JLMC POL S



John Skyrms, I MAJ
Deborah Slaikeu, POL S I ST
Christine Smith, ANTHR I ST
Cynthia Smith, I AD
James Smith, COM S



Jeanine Smith, BIOL
Keley Smith, ENGL
Marlene Smith, MATH
Randy Smith, D ST
Shelley Smith, SP



Denise Sofranko, ZOOL
Janette Sofranko, I AD
David Sonksen, MET S
Sharon Soorholtz, PSYCH CD
Richard Speck, BACT



Debra Squire, I MAJ
Sandra Standaert, POL S
Duane Stange, COM S
Drinda Stanger, JLMC
Sarah Starr, I AD



Mark Steinberg, ZOOL
Susan Stephan, JLMC
Russell Stephens, I MAJ
Mark Stephenson, SP
Scott Stolley, SOC



Deanna Stone, I AD
Thomas Stone, I AD
John Stoner, I AD
Nancy Stoner, ENGL JLMC
Susan Stoner, I AD



Alan Stout, I AD
Daniel Strother, SP
Kathy Strutzel, POL S
Brent Stuart, I R
Denise Stuedemann, SOC

Science and Humanities



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Science and Humanities

Opportunities good for vets

Getting into the Ved Med College isn't easy. Admission is based on a point system, with consideration given to grades, performance in a veterinary aptitude (knowledge) test, and an area of general achievement. This ranges from the degrees one might hold to employment experience and activities. For the application to be accepted, the minimum gradepoint needed is 2.5 on a 4.00 scale.

Also taken into consideration are recommendations by three persons that applicant knows, and an overall committee evaluation of the student's record.

The College of Veterinary Medicine accepts a set number of students each year. Applicants from Iowa, which account for 75 percent of those admitted go into one pool and are competing only among themselves.

Some students are chosen from contract states, such as Nebraska, North Dakota, and South Dakota, from which a certain number must be admitted. There are a few positions for students from other states that don't have schools of veterinary medicine, such as Wisconsin.

Out of an average of 500 applicants, only 120 students can be admitted to each class. Admission is granted only at the beginning of each fall quarter. If at first you don't succeed in getting into the Vet Med school, you can always try again, as there is no limit to the number of times one may apply. Each time is considered as if it were the first.

Besides technical courses needed for veterinary medicine, students take two courses of professional orientation, one in their first year and one when they're seniors. This includes information on different fields of veterinary medicine.

The senior year, which starts the first of June, is broken into two segments. One is a block through the end of winter quarter, and the other the regular spring quarter.

The block segment provides for five eight-week periods between June 1 and March 1. Three of these are spent on campus, and two elsewhere. During the two-period segment, students are free to do as they wish, but receive no credit. Many choose a practice or research situation, while others take additional course work or get job experience.

After students graduate from vet med school, most of them go into practice. The largest number go into general practice, followed small animal and then large animal practice.

Some students go into veterinary medicine in the military service; others go to graduate school or into residencies or internships, either at Iowa State or at some other college. They may specialize.

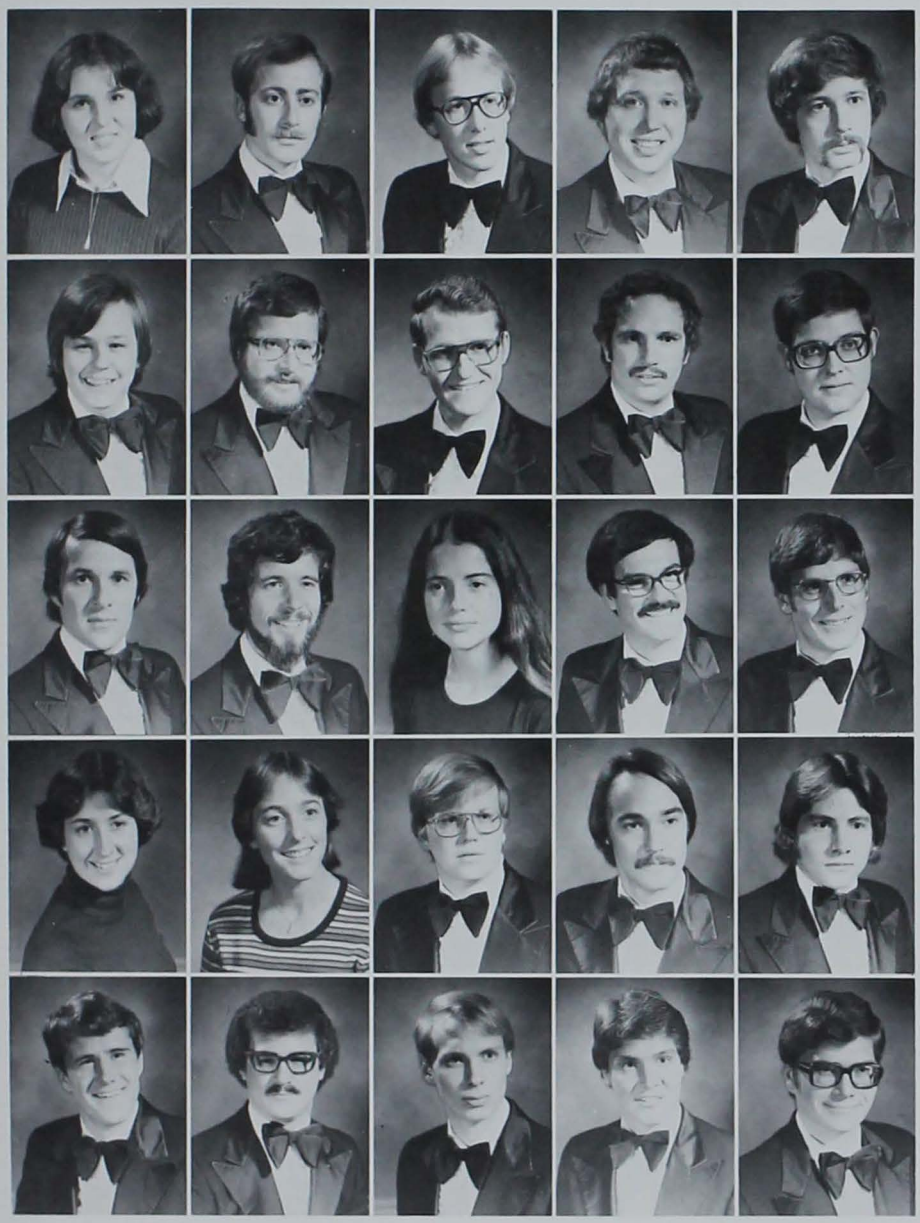
Geographically, most vet med graduates remain in the upper midwest, while some go to states on each of the coasts, such as New York, California, or Massachusetts. Inevitably, there is someone who goes to Florida.

Opportunities in veterinary medicine have always been good, according to Dr. Durwood L. Baker, an associate dean of the college. He says these opportunities continue to increase in most of the fields. Large animal practice has been "holding steady for the past several years," he said.

Some general advice to help vet med graduates find jobs, Dr. Baker said, is to "become as knowledgeable as possible in the particular field of veterinary medicine in which you're interested," and to "diligently seek and explore the opportunities available to you" in that field.

by Sue Eckert

Veterinary Medicine



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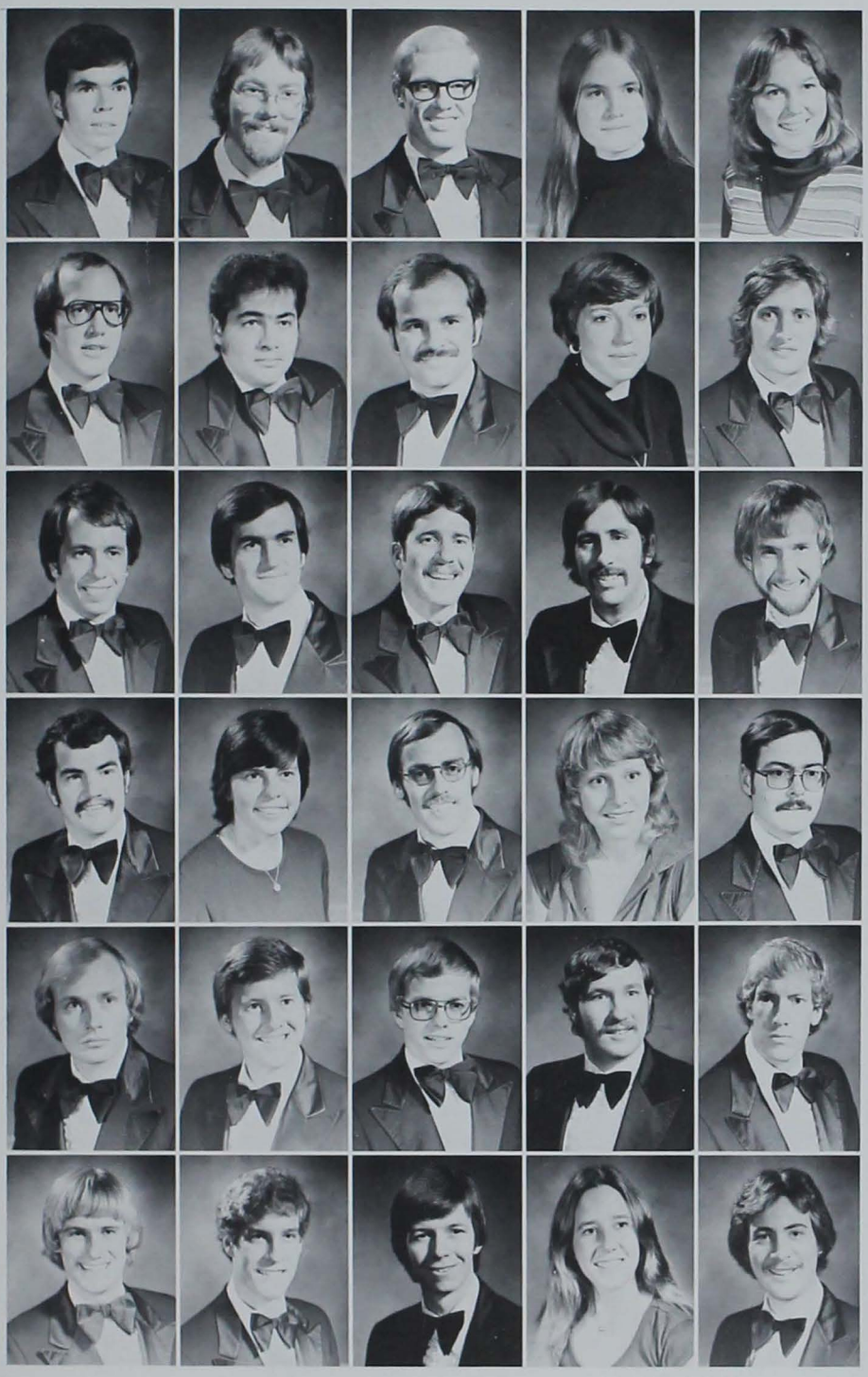

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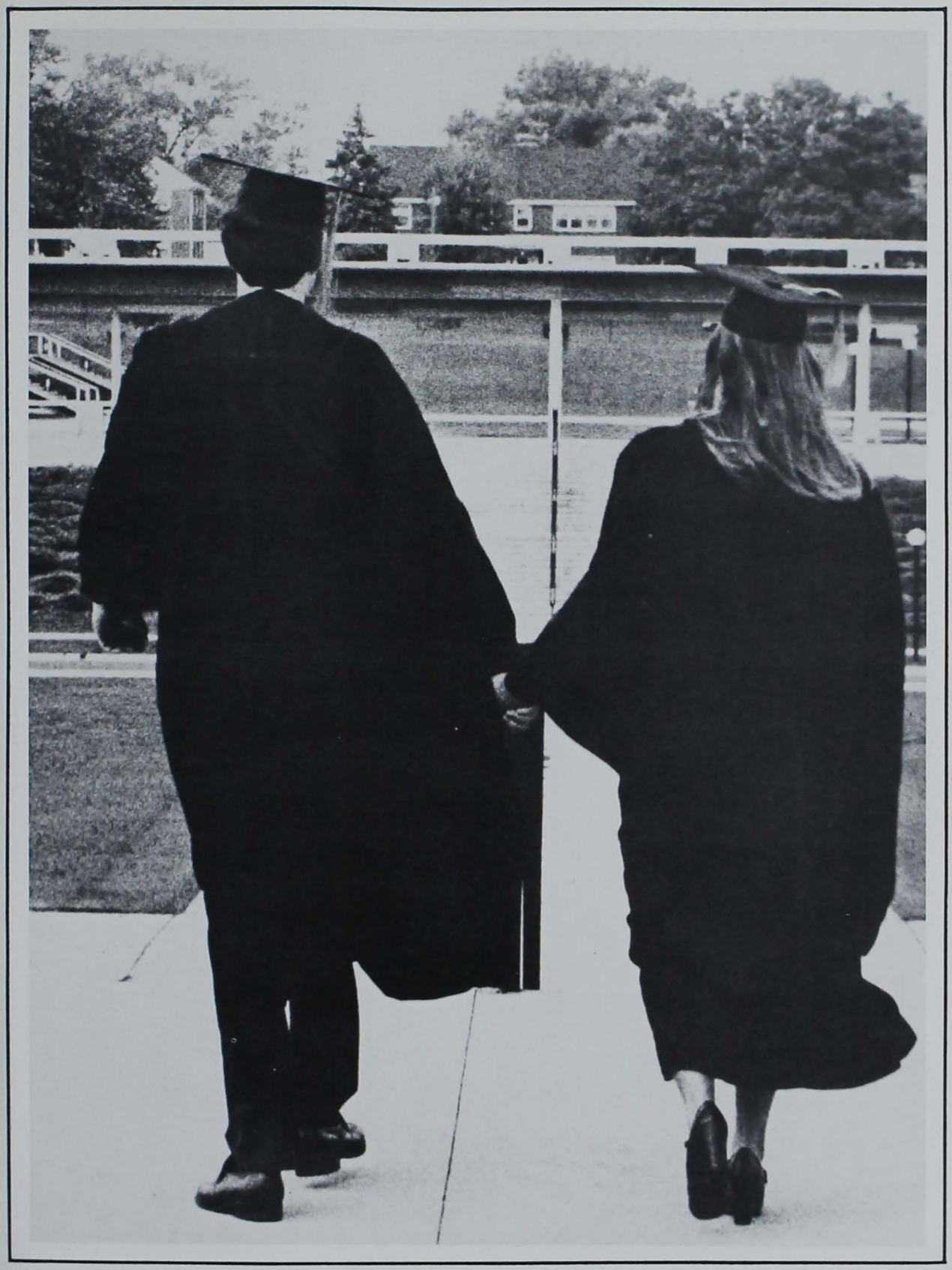

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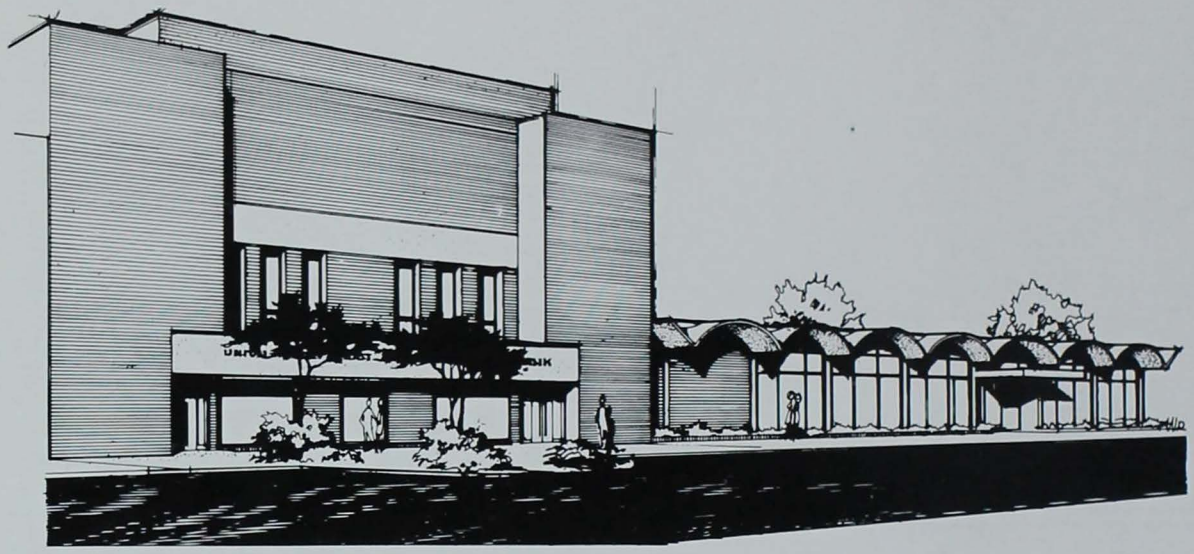

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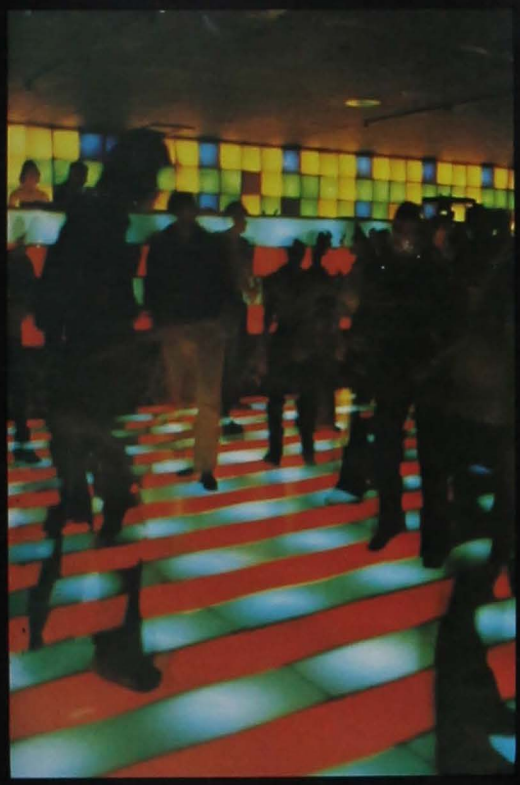

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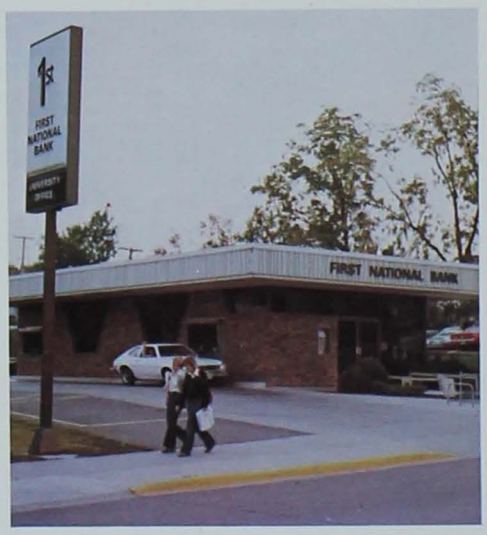

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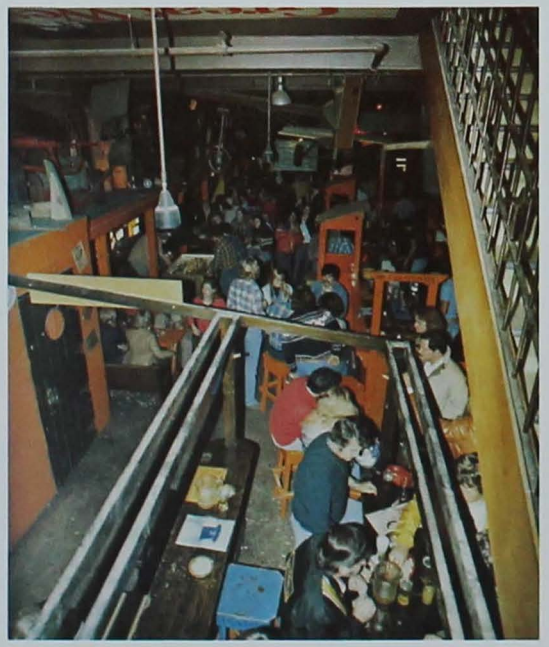



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student union board

The purpose of Student Union Board is to provide an outlet of programming not ordinarily available to students. Our programs vary from lectures and discussions on current topics to evenings of light entertainment and relaxation. The Board sponsors a variety of activities which offer students opportunities to further their education outside the formal classroom setting.

The various students which compose S.U.B. act as a board to govern and develop Union policies for student activities. In addition, the Student Union Board allocates Union facilities so as to benefit the maximum number of student organizations. Student Union Board members represent the student body as voting members on the Corporate Board of Directors for the Iowa State Memorial Union. Craig Hanway is President and Brian Stebbins is Vice-President and they represent S.U.B. on the Executive Council of the Union. Susan Benes and Cameron Dubes are Secretary and Business Manager respectively. Promotional Art Directors are Kim Wolfe and Bob Shriner.

MAINTENANCE SHOP

MAINTENANCE SHOP is the student run bar in the Memorial Union. It provides the "total entertainment experience." Programming includes jazz . . . blues . . . folk . . . country . . . theatre . . . swing . . . rock . . . instrumental . . . vocal . . . mime . . . piano . . . and football films.

Entertainers include Robin and Linda Williams, Son Seals Band, KoKo Taylor, Peter Lang, Fenton Robinson, Christopher Frank and many many more. Dave Milberg is the Maintenance Shop Director.

ELEMENTS

ELEMENTS strives for innovative Fine Arts Programming with the intent to provide the University's students with entertainment. Stressing visual programming, activities can range from a magician to an Iowa State Center PEP program. It works closely with . . .

PERSPECTIVES

PERSPECTIVES to increase the students awareness of the opportunity to further his/her education. Winter quarter's Perspective programs centered around the theme of Social Attitudes in the Media Arts. Spring Quarter provides "Open Doors" with lectures, demonstration, and discussions covering topics you might not hear anywhere else on campus. Susan Stephen and Kathy Peters are the directors of Elements and Perspectives.



1977-78 Student





Student Union Board



UNION BOARD THEATRE

The Union Board Theatre presents several performances throughout the year. This Winter the group performs "Fiddler on the Roof" in C. Y. Stephens. John Lee and Susan Lee are employed by the Student Union Board to fill the positions of Performing Arts Director and Assistant. They often direct, choreograph, and produce the shows. MURST, Memorial Union Resident Summer Theatre, presented six shows during the summer months in the Maintenance Shop. These shows are presented by a core of actors who perform all duties including lights, directing, set construction, costumes, and make-up. Each show runs Wednesday through Sunday for two weeks time. Tickets can be purchased as a season ticket or individually.

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The lights, color and action of Broadway come to Great Hall of the Memorial Union once each year in the disguise of talented student performers of Varieties. Varieties, which runs four weekends during January and February gives students the chance to be entertainers without the "fright" of appearing on a larger stage. Preparation begins the March before immediately after Sweepstakes when a new Producer and varieties Central Committee are chosen. Led by Producer Don Hammel the money raised through ticket sales will be reallocated into different programming activities of Student Union Board.

Memorial Union Films

Popular and extraordinary films are provided for $1.25 from Student Union Board Films program every Saturday night. A preview is held every Thursday for any foreign films. There were several special festivals held. The year began with the Monty Python Film Festival and Winter Quarter began with a Science Film Festival. The classic films are shown in the Maintenance Shop for 50¢.

Top Center Row One: Cameron Dubes, Brian Stebbins, Susan Benes. Row Two: Bob Shriner, Kim Wolfe, Susan Stephan, Don Hammel, Kathy Peters, Craig Hanway. Bottom Center, Varieties Central Committee. Row One: Rebecca Eason, Susan Smith, Jim Stauch. Row Two: Bob Shriner, Carol Uchytil, Mary Denker, Pam Ratekin. Row Three: Don Hammel, Toby Miller, Julie Landon, Todd Buckton.

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Parents Weekend Committee



Front Row: Deb Andrews, Mindy Mcvey, Sue Gulliford, Sally Connelly. Back Row: Randy Wreghitt, Sue Hinkle, Jeff Lowers, Mark Tammes.

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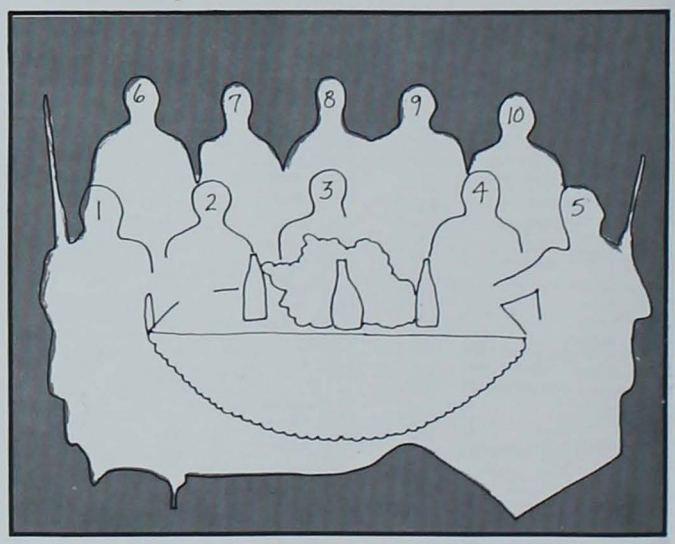

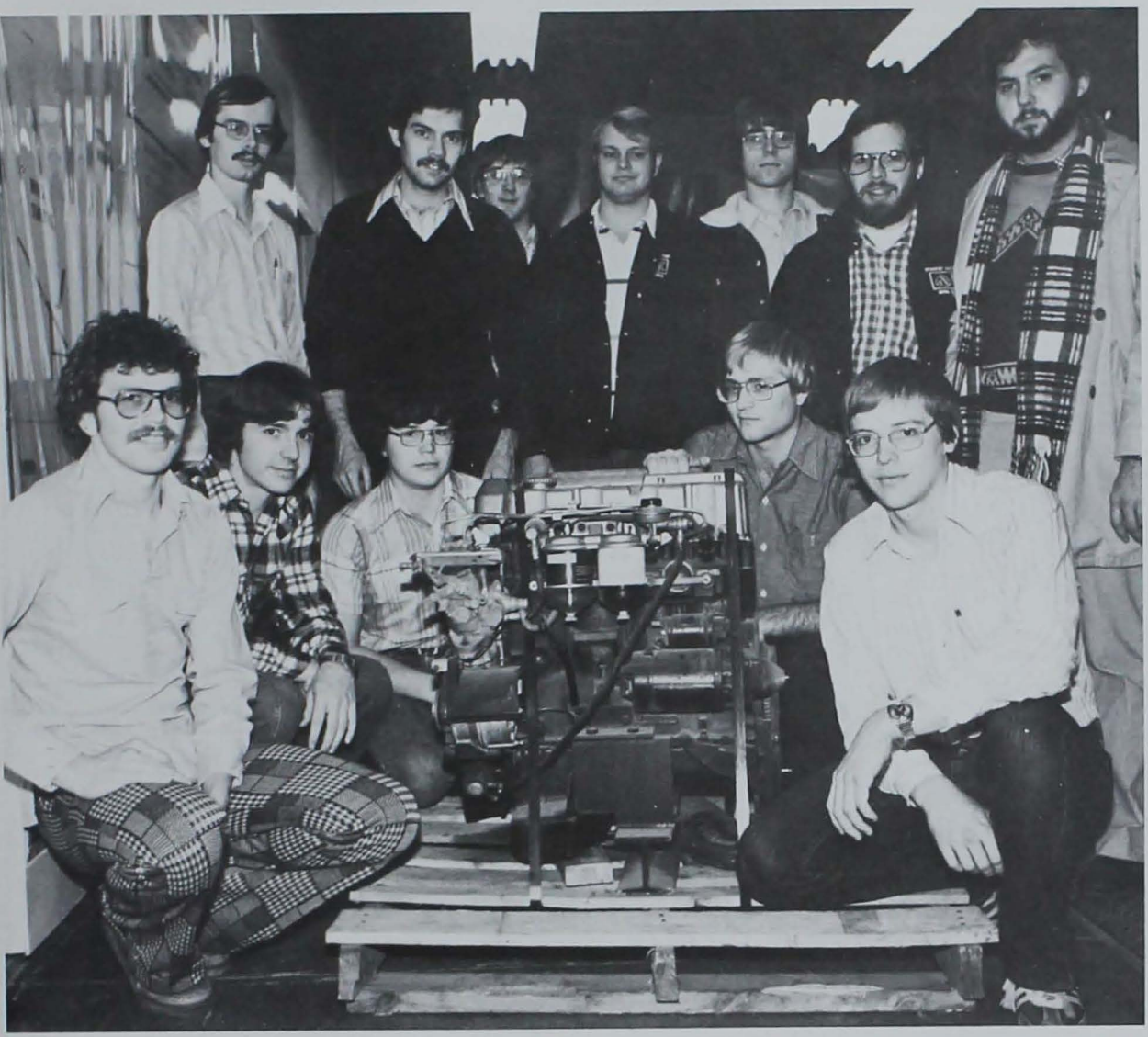

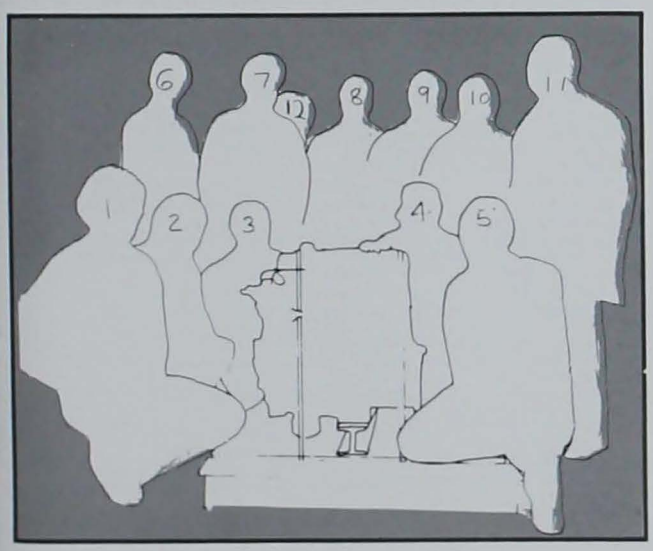

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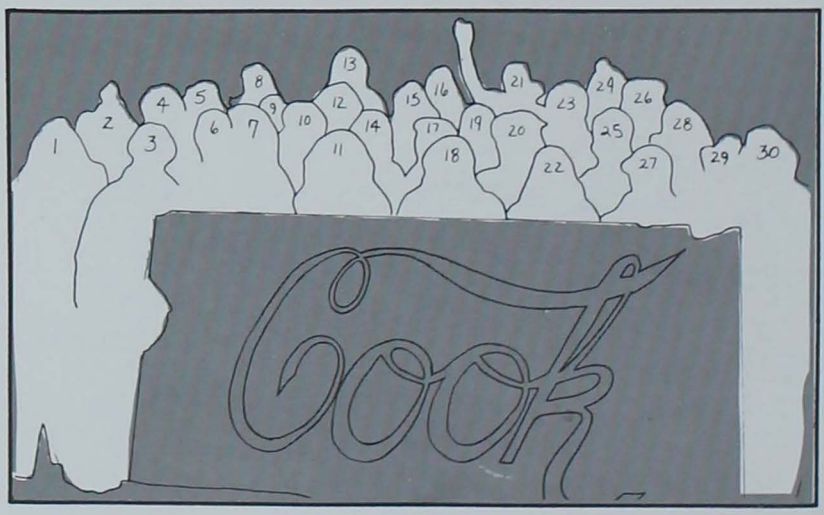



Boyd

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Phi Kappa Tau

. . . on the move!



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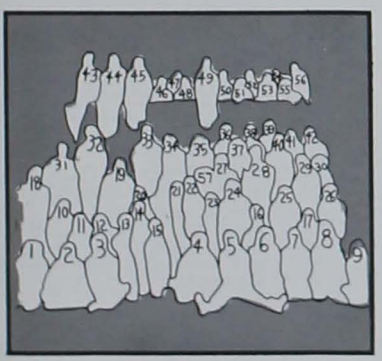
LOMMEN



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In Memoriam



This page is dedicated to Jeff Myers, Brian Vincent and Laura Vernon. The three died in the crash of a private plane enroute to Colorado. The crash also claimed Laura's father Dr. Robert Vernon and Laura's brother Andrew.

It was more than a loss of two track stars and a former diving star to the world of Iowa State sports. It was a loss to both those who knew them and for those who never got the chance to know them.

Mark Windschitl, a close friend and teammate of Myers and Vincent gave a eulogy at a campus memorial service. We would like to repeat it here.

". . . yesterday was the first practice without Jeff and Brian. The team was out doing a run on the roads around Ames and when we were running there was no atmosphere of sorrow or despair.

We did the same things we always did, ran the same way we used to run, told the same jokes we used to tell. I think our team had the right attitude yesterday. It's the attitude we should all have— one of looking forward in life.

All runners know that in a race when two of your teammates stumble and fall and have to leave the race early, they don't want you to look back or linger too long.

They want you to keep running hard for the finish line. That's the way I think Jeff and Brian would want us to run— not lingering too long but continuing the race because when we get to the finish line Brian and Jeff will be there wating for us."





Parting shots . . .
One last look at ISU








STATE
STATE
NOISE
PERMIT
ISSUED TO I.S.U MARCHING BAND
TIME 1:00 pm 5:30 pm
LOCATION FOOTBALL FIELD
AMT 183.33 DB

We're here, now
yet tomorrow we'll be gone
to far away places, only traces left behind
a space, no return.

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